

Ref: NCCS/S&P/PUR-02(01)/2021-22

Date: 11.03.2022

To,

Indian Science Technology and Engineering
Facilities Map (I-STEM)

(A Program Supported by office of the
Principal Scientific Adviser, Govt. of India)

Nodal Centre

Indian Institute of Science (IISc)

Bangalore – 560 012.

E-mail – notification-portal@istem.gov.in, sanjeevs@iisc.ac.in, istem@iisc.ac.in

Subject: Request for Non-availability Certificate reg.

Dear Sirs,

Thank you very much for the Proforma forwarded to us to fill and submit the same to obtain the non-availability certificate from your esteemed organization to purchase the equipment mentioned in the proforma.

We are awaiting to receive the Certificate / Clearance Letter from you at the earliest.

Yours faithfully,


G. Harikumar
In-Charge (Stores and Purchase)

Encl.: Duly Completed Proforma with Spns. Sheet and

I-STEM Search screen shot.

GTE Request ID: **I-STEM/IS100051**

From:

Name of the Faculty / PI – : **Dr. Punam Nagvenkar**Designation – : **Scientist D**Department- : **Cell Repository**Institution- : **National Centre for Cell Science, Pune**Email ID – : **punam@nccs.res.in**Ph. : **020-25708248**

To:

Indian Science Technology and Engineering facilities Map (I-STEM)

(A Program Supported by Office of the Principal Scientific Adviser, Govt. of India)

Nodal Centre @IISc Bangalore-560012, www.istem.gov.in,notification-portal@istem.gov.in

Subject: Uploading of Procurement Information and Seeking Certification of Non-availability of specific R&D Equipment within our Institution/Nearby Institutions


Sir / Madam,

We are uploading the following to fulfil the requirement of GTE [as per clause 2(iv) of OM No. F.2014512020-PPD, dated the 8th January 2021] and procure the following item(s) for research purposes, as detailed below:


S. No.	Particulars	Remarks
1	Name & Description of the equipment	Autofill Liquid Nitrogen Storage Dewar with Liquid nitrogen Supply tank system
2	Use of the Item	For storage of cryopreserved cell lines
3	Quantity required	One
4.	Name of Funding Agency(ies) and Associated Project Supporting the Cost	<ul style="list-style-type: none"> Name of Funding Agency : NCCS Fund Title of the Project : Not Applicable
5	Estimated procurement price	Rs. 18 Lakhs
6	Justification to be submitted as under	<ul style="list-style-type: none"> To indicate whether a similar item (s) is available within our institution/nearby institutions (as defined in clause 3 (iii) of OM No.F.2014512020-PPD, dated the 8th January 2021.), <i>(We are attaching the search result obtained from the I-STEM portal).</i> % of equipment time expected to be available to external users (defined as users from outside the "Custodian Department"): Cannot be shared due to nature of work.
7	Whether the Institute had in the past attempted development of local suppliers/ phased indigenization/ promotion of alternative technology which has sufficient local suppliers. (If so, details thereof)	No
8.	No of equipment shared with I-STEM (as defined in clause 3 (iii) of OM No.F.2014512020-PPD, dated the 8th January 2021.)	42

I declare that to the best of our knowledge, all R&D equipment in our Institution have been listed on the I-STEM portal. The equipment listed on the I-STEM portal are available to internal and external users in a non-discriminatory manner.




Signature & Seal of the Head of the Institution

This is to certify that the information given is in line with the supporting documents. It is recommended to process the procurement.


National Coordinator
Indian Science Technology and
Engineering facilities Map (I-STEM)
CeNSE, IISc Bangalore -560012 India
(National Co-ordinator, I-STEM)

Autofill Liquid Nitrogen Storage Dewar (2 nos) with Liquid nitrogen Supply tank (1'nõ) system

Technical Specification:

- Autofill Liquid Nitrogen Storage Dewar (Quantity: 2):
 - Liquid Nitrogen (LN2) Dewar with storage capacity for 6000 cryovials (1.8/2.0 ml).
 - Equipped with Automated LN2 filling and controlling system.
 - Inbuilt continuous temperature and LN2 level monitoring system with data logger.
 - Overall Height 40 ± 2 inches and width 25 ± 2 inches.
 - Narrow neck opening of 10 ± 2 inches to minimize LN2 evaporation.
 - Static Evaporation Rate: 3-4 lit/day.
 - The interior chamber of the vessel designed in a way that racks should not collapse with each other.
 - Equipped with audio-visual alarms for Low-Levels of LN2 and High Temperature.
 - In case of power failure, system should continue with inbuilt battery operated functioning for temperature, LN2 level monitoring and alarm systems.
 - Two such Dewar can be connected to single LN-2 supply cylinder (accessory for such requirement should be included).
 - Should be with square SS racks and polycarbonate boxes (9x9) for storage of 6000 cryovials.
 - Dewar System should come with inbuilt handle and roller base.
 - Cryogloves (1 set), cryoapron, facemask, oxygen monitoring equipment to be included.
 - Should be with 1 year standard warranty.
 - Should be with 5 years warranty on the vacuum.
- Liquid nitrogen Supply tank (Quantity: 1):
 - Low pressure (22 psi) stainless steel LN2 tanks with thick dent resistant outer shell with roller base, handle and safety valves.
 - Liquid level gauge with accuracy and expanded gauge ranges for better resolution.
 - Empty weight: 150 ± 10 kg
 - Capacity – not less than 240 lts
 - Dimension: Height: 56 ± 2 inches including roller base
Diameter: 25 ± 2 inches
 - Net evaporation rate – not more than 2.0 % per day.
 - Flexible transfer hose pipe of 1.5m or more should be provided.
 - Standard 1 year warranty on equipment.
 - At least 5 years warranty on vacuum.

For signature
11.03.2022

