



# INSTITUTE OF NANO SCIENCE AND TECHNOLOGY, MOHALI

(An autonomous Research Institute of Department of Science and Technology,  
Government of India)

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Ref No. INST/12(2)/2020-Pur

Date: 19/06/2020

## **CORRIGENDUM**

Reference to NIT no. INST/12(2)/2020-Pur published in national newspapers for purchase of equipment: 5000 Ltrs LN2 Tanks with Atmospheric Vaporizer, pressure reducer alongwith temperature isolation tubing connecting to nearby cleanroom facility. Below mentioned technical points may be read and corrected as per following:-

In reference to the Pre-bid Queries, please find the details as asked in queries.

The LN2 facility will be built for whole institute. The individual labs may take liquid LN2 as per their requirements. The proposed lab needs only gaseous Nitrogen.  
So there should be provision for both liquid LN2 as well as gaseous nitrogen.

There is a big open space behind the lab. That open space will accommodate AHU and scrubber also. The LN2 tank site will be built according to Govt guidelines with site approval. The site should be built to allow smooth entry of LN2 tanker for filling the tank. The vendor may visit the site for evaluation as the vendor must be aware of Govt guidelines. The length of pipeline for gaseous nitrogen should be designed accordingly without any drop in pressure.

What is the required flow rate of gas require. This is required to know the line size

The flow required for N2 gas is for three purposes

1. Venting of equipment: pressure required 5psi
2. Process flow: 1000-50 SCCM
3. Flashing of wafer/chips: pressure required 3 Bar

Other specifications and terms & conditions remains the same.

Sd/-  
**Head of Office**