

2. Technical Specifications

Specifications for purchasing 350,000L of Liquid Nitrogen - 2027

	Conditions	Bidders response	
		Yes/No	If No mention the reason
01	Facilities should be provided to obtain Liquid Nitrogen (LN ₂) at any time, any day of the week without additional charges on weekends and public holidays.		
02	N > 99% , Colorless, odorless, non-inflammable, non-corrosive		
03	LN ₂ should be supplied to containers bearing the capacity of 400L, 500L, 976L, 978L, and 1000L and the vehicles with the above containers will arrive at any day of the week to your institution.		
04	The transport containers are low-pressure containers and LN ₂ should be stored in the tank for about 4-5 days until the distribution program is completed. Thus, at the time of filling the container pressure should be maintained at "0" level.		
05	LN ₂ refilling to the containers should be in front of our representative and he/she should be satisfied that the container is completely filled.		
06	LN ₂ should be supplied to the vehicles without delay enabling them to cover up the distribution program as per the schedule. Priority should be given to the Department of Animal Production and Health Vehicles as the schedule has been informed in advance.		
07	The vehicle should be on a horizontal floor area at the time of filling of LN ₂ .		
08	Facilities should have to fill a minimum of two Nitrogen containers at a time.		
09	LN ₂ should be supplied to vehicles coming from central AI station kundasale and Provincial Department of Animal Production and Health, North Western Province.		
10	An Invoice should be issued on the same day to the Department of Animal Production and Health.		
11	Facilities should be available to repair the LN ₂ transport containers and maintain the vacuum pressure on the container.		