



**ASSAM UNIVERSITY**  
**SILCHAR-788011**

**Corrigendum to the Notice Inviting Tender vide No DBT/BT/553/NE/U-Excel/2016/Equipment/01 dated 29.04.2016**

Ref No- **DBT/BT/553/NE/U-Excel/2016/Equipment/01/Corr dated 08/06/2016**

With reference to the notice inviting Tender vide number DBT/BT/553/NE/U-Excel/2016/Equipment/01 dated 29.04.2016, the specification of the items ( SI No 5,6,7,10) have been modified and presented below.

**Last date and time for receipt of Tenders is extended to 08/07/2016 during the office hours up-to 5.00 pm.**

All other terms and conditions and specifications for the Laboratory items remain unchanged.

Sd/-  
Prof. Sanjib Kumar Panda  
Principal Investigator, DBT U-Excel Project

**Modified specifications of the Laboratory Equipments**

<b>Item</b>	<b>Specification</b>
Autoclave	<ul style="list-style-type: none"><li>• A Digital, preset Temperature Indicator (121°C) cum Timer.</li><li>• The Controller linked to Timer, End cycle buzzer and auto cut-off of heater.</li><li>• Lid fitted with pressure gauge, safety valve, manual exhaust valve and vacuum breaker cum purge valve.</li><li>• Moulded rubber gasket.</li><li>• Sturdy construction designed for easy operation for sterilization.</li><li>• Drain valve on side at bottom for easy cleaning.</li><li>• All internal joints argon welded, ground and polished to give crevice free internals</li><li>• Hydraulically die pressed lid from Stainless Steel plate.</li><li>• Inside and outside chamber should be fully stainless steel.</li><li>• Flange, Fly Screw, cross pin, heater cover stand should be fully stainless steel.</li><li>• Low water level cut off.</li><li>• Capacity should be minimum 35 litre.</li></ul> <p>2 years ON SITE Warranty is a must</p>
Oven	<ul style="list-style-type: none"><li>• Glass window in-built into the door.</li><li>• Should be forced convection design.</li><li>• Automatic cut off of heater and blower when door opened.</li><li>• Digital PID temperature controller with timer, alarms and auto tuning.</li><li>• Should be supplied with stainless steel wire mesh shelves.</li></ul>

	<ul style="list-style-type: none"> <li>• Temperature range should be +50<sup>0</sup>C to 200<sup>0</sup>C.</li> <li>• Capacity should be minimum 90 litre.</li> </ul>
Incubator	<ul style="list-style-type: none"> <li>• Inner Chamber &amp; Outer chamber Coated with plexl glass Inner door.</li> <li>• Over temperature safety protection.</li> <li>• PID control with timer, alarms and auto tuning.</li> <li>• Temperature range : ambient + 5 to 70<sup>0</sup> C.</li> <li>• Solid and plain bottom without electricals.</li> <li>• Should have transparent safety glass door.</li> <li>• Capacity should be minimum 90 liters.</li> </ul>
Liq. N2 Container	<ul style="list-style-type: none"> <li>• Capacity: Should be minimum 11 Liter</li> <li>• At least 6 no. of canister should be supplied</li> <li>• Neck Diameter: 51 mm.</li> <li>• Static Evaporation Rate should not be more than 0.14 L / Day.</li> <li>• Static Holding Time should be at least 83 Days</li> <li>• Warranty of minimum of 5 years</li> </ul>

### Technical Specification bid details

Fill the appropriate table as applicable for the items separately

#### Autoclave

S.NO	TECHNICAL SPECIFICATION	DETAILS TO BE FILLED BY BIDDER
1	Capacity	
2	Control System	
3	Body type	
4	Temp Controls	
5	Low water level cut off	
6	Dimension	
7	Electrical Requirement	
8	Any other	

#### Oven

S.NO	TECHNICAL SPECIFICATION	DETAILS TO BE FILLED BY BIDDER
1	Capacity	
2	Temperature range	
3	Digital PID temperature control	
4	Supply of stainless steel with mess shelves	
5	Any Other	

#### Incubator

S.NO	TECHNICAL SPECIFICATION	DETAILS TO BE FILLED BY BIDDER
1	Capacity	
2	Body type	
3	Over temperature safety precaution	
4	PID control system	
5	Transparent safety glass door	
6	Temperature range	
7	Any other	

### **Liquid Nitrogen Container**

<b>S.NO</b>	<b>TECHNICAL SPECIFICATION</b>	<b>DETAILS TO BE FILLED BY BIDDER</b>
1	Capacity	
2	Container details	
3	No. of canister	
4	Neck Diameter:	
5	Static Holding Time	
6	Any other	

Sd/-

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