



Uttarakhand Livestock Development Board

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GSTIN: 05AABFU8674M1ZK

Letter No. 2275/ ULDB/PROC./Vol.XVI ETT/2019-20

Dated: 8th November 2019

Clarification & Amendment

Bid Ref. No. 2150/ULDB/PROC./Vol.XVI ETT/2019-20

Dated: 23rd October 2019

Kindly look in to the following clarification/ amendment in Bid Reference No. 2150/ULDB/PROC./ Vol.XVI ETT/2019-20 Dated: 23rd October 2019:

S. No.	Reference	Clarification & Amendment
1	<p>Page No. 37: SCHEDULE: FOURTEEN PART B</p> <p>TECHNICAL SPECIFICATION OF BENCH TOP CO2 INCUBATOR:</p>	<p>Imported Bench top top incubator that run with pre mix gas composition as well as separately CO2 and Nitrogen cylinders with all provision and control for mixing of gases of desired concentration. Touch screen control and display.</p> <p>Minimum of Ten individual incubation chambers. Must provide 20 numbers of sterilized humidification bottles.</p> <p>Must have grooves to hold 35 mm round dish , 60 mm round dish and 4 well square IVF NUNC dish.</p> <p>Dedicated heating plates with grooves ensure direct heat transfer to the dish in all chambers.</p> <p>Provide extra warming blocks two each of - 4 well NUNC, 5 Well culture dish , 35 mmX10 mm round dish , 60 round dish</p> <p>Must have humidity control and display.</p> <p>Temperature control and display.</p> <p>Independent external monitoring of key parameters including temperature and gas concentration</p> <p>VOC filter to remove organic compounds. Tracking , Data logging and alerts with digital display and internet monitoring.</p> <p>Provide filled 5 cylinders of Pure CO2 and Pure N2 IVF grade</p> <p>Provide imported two stage regulator for CO2 and N2 with one extra set of each regulator which can hold high pressure .</p> <p>Tubing and piping minimum 3 meter length with extra push buttons.</p> <p>One extra set of all tunings required for working of incubator.</p> <p>Provide In line CO2 and N2 filter in between both N2 and CO2 Cylinders and Incubators. Provide 2 extra inline filters.</p> <p>Should be read as</p> <p>Imported Benchtop incubator that run with pre mix gas composition or separately with CO2 and Nitrogen cylinders with all provision and control for mixing of gases of desired concentration. Touch screen control and display.</p> <p>Minimum of Ten individual incubation chambers.</p> <p>Must have grooves to hold 35 mm round dish, 60 mm round dish and 4 well square IVF NUNC dish.</p> <p>Dedicated heating plates with grooves ensure direct heat transfer to the dish in all chambers.</p> <p>Provide extra warming blocks two each of - 4 well NUNC, 5 Well culture dish , 35 mmX10 mm round dish, 60 round dish</p> <p>Temperature control and display.</p> <p>Independent external monitoring of key parameters including temperature and gas concentration</p> <p>VOC filter to remove organic compounds. Tracking, Data logging and alerts with digital display and internet monitoring.</p> <p>Provide filled 5 cylinders of Pure CO2 and Pure N2 IVF grade</p>

		<p>Provide two stage regulators for CO2 and N2 with one extra set of each regulator which can hold high pressure. Tubing and piping minimum 3 meter length. One extra set of all tunings required for working of incubator. Provide In line filters Provide 2 inline filters each for CO2 and N2 .</p> <p>Other Technical Specification remain same as described in bid reference no. 2150/ULDB/PROC./ Vol.XVI ETT/2019-20 Dated: 23rd October 2019.</p>
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Other Terms & conditions will remain same as described in Bid Reference No. 2150/ULDB/PROC./ Vol.XVI ETT/2019-20 Dated: 23rd October 2019.

Chief Executive Officer
Uttarakhand Livestock Development Board