



QUOTATION NOTICE

Ref. No.: CU/ZOO/SBC/Equip 01/ 18

Dated: 12.02.2019

1. Quotations for the following item(s) are invited from authorized parties for supplying the under noted items for the project titled “Isolation and use of phytochemicals from *Mucuna pruriens* and *Asparagus racemosus* for production of high-yielding monosex Nile tilapia- a mechanistic study” by the Science and Engineering Research Board (SERB), DST, Govt. of India (SERB/F/9843/2018-2019 dated 30th November, 2018). under Dr. Suman Bhusan Chakraborty (PI). Suppliers are hereby requested to submit their quotation including the current GST registration certificate, PAN no., copy of registration certificate with statutory authorities and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Sr	Description of Products																										
1	<p>ROTEVA Make: ASP-EQUITRON-ASP : ASP-8763.RD0.000</p> <p>Rotary vacuum evaporators are efficient laboratory distillation units for applications like standard solvent distillations, concentration of reaction mass or solutions, separation of solvents from extracts, crystallization and powder drying.</p> <p>Specification:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: center;">Rotation speed</td> <td style="text-align: center;">30 to 270 rpm</td> </tr> <tr> <td style="text-align: center;">Rotation speed display</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">Lift</td> <td style="text-align: center;">Motorised</td> </tr> <tr> <td style="text-align: center;">Manual lift (When power fails)</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">Height adjustment</td> <td style="text-align: center;">170 mm Approx.</td> </tr> <tr> <td style="text-align: center;">Flask ejector & Condenser support & Threaded connectors for utilities</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">Feed stopcock & tube made of</td> <td style="text-align: center;">PTFE</td> </tr> <tr> <td style="text-align: center;">Environmental Conditions (% RH)</td> <td style="text-align: center;">Max 80% NC</td> </tr> <tr> <td style="text-align: center;">Heating bath dimensions</td> <td style="text-align: center;">Ø 230 x 130 mm</td> </tr> <tr> <td style="text-align: center;">Volume of heating bath</td> <td style="text-align: center;">4 lit. Approx.</td> </tr> <tr> <td style="text-align: center;">Bath heater capacity</td> <td style="text-align: center;">1200 Watts</td> </tr> <tr> <td style="text-align: center;">Heating bath controller</td> <td style="text-align: center;">PID with display for set & actual temp.</td> </tr> <tr> <td style="text-align: center;">Bath temperature range</td> <td style="text-align: center;">Ambient + 5 to 180°C</td> </tr> </tbody> </table>	Rotation speed	30 to 270 rpm	Rotation speed display	Yes	Lift	Motorised	Manual lift (When power fails)	Yes	Height adjustment	170 mm Approx.	Flask ejector & Condenser support & Threaded connectors for utilities	Yes	Feed stopcock & tube made of	PTFE	Environmental Conditions (% RH)	Max 80% NC	Heating bath dimensions	Ø 230 x 130 mm	Volume of heating bath	4 lit. Approx.	Bath heater capacity	1200 Watts	Heating bath controller	PID with display for set & actual temp.	Bath temperature range	Ambient + 5 to 180°C
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Temperature accuracy	± 2°C
Independent safety cutout	@ 190 °C
Heating bath material	SS 304
receiving flasks as standard Max flask size	1 lit
Cond. cooling area: Diagonal	1200 cm ²
Environmental conditions (Temp.)	10 to 40°C

High Vacuum Pump (Oil Sealed) With pipe Hi-Vac Double Stage Rotary High Vacuum Pump, D-100, free air displacement 100 litres/min., ultimate Vacuum 0.005 mm of Hg., when measured on macleod gauge, mounted on a metallic base plate, complete with Pump-pulley, Motor-pulley, Vee belt and first charge of Pump-oil. With Moisture Trap.
 Recirculating Chiller - Closed Loop,
 Temperature : 4 deg C to Ambient,
 Temperature Accuracy: +/- 1 deg C,
 Hermetically sealed environment friendly CFC free compressor & Air Cooled
 Capacity : 12 Lit
 Double walled with inner mild steel, outer cabinet Powder Coated.
 Digital cum controller. Immersion Pump.

Yours faithfully,

SBC
12/2/19

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NS
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