

UNIVERSITY COLLEGE OF SCIENCE, TECHNOLOGY & AGRICULTURE

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF CALCUTTA

Rashbehari Siksha Prangan
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Phone: +91-7086019019



Dr. Smritimoy Pramanik
Asst. Prof. in Chemistry
Email ID: smritimoyju@yahoo.co.in

Ref. No. CU-Chem/SMP/DST-INSPIRE/EQUIP/2018-19/4

Date: 26.12.2018

QUOTATION NOTICE

Quotations are invited from authorized parties for the supplying of following items as listed below in a DST-INSPIRE Faculty Award Scheme under **Dr. Smritimoy Pramanik (PI)**. Specification of the items given below. Suppliers are hereby requested to submit their quotations with proper documents (Current Trade License, Service Tax Registration Certificate, PAN No., Copy of Registration Certificate with Statutory Authorities and other credentials) within 07/01/2019 in a sealed envelope addressed to the PI of the project. The price should be inclusive of relevant taxes/charges showing break-up. Warranty, on-site service/support should be mentioned clearly. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

1. Weighning Machine	
Maker	Wensar (Preferably)
Model	PGB 3010 (or equivalent)
Readability	0.01g
Capacity	300g
Repeatability (±)	0.01g
Linearity (±)	0.02g
Pan Size	180×170 mm
Operating Temperature	10°C to 40°C
Power Supply	AC 220V/50-60Hz
2. Vertical Autoclave	
Material of Construction	Interior cabinet: SS & Exterior cabinet: SS
Internal Dimensions	20 Ltr
Chamber Design	Cylindrical (Round Base)
Structure	Double Walled (layer) with glass wool insulator
Top Lid	Thick SS Lid fixed with standard pressure : up to 30 PSI
Jacket	SS jacket
Base	Standard 4 stands
Temperature Range	Ambient +5 °C to 250 °C, Accuracy: ±1.0 °C, Resolution of 1.0 °C
Operating Pressure	15 to 22 PSI, maximum pressure cut off 30 PSI
Ports	Vacuum port, Inert gas port and Vent port
Safety Controller	Digital Safety controller

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Ref. No. CU-Chem/SMP/DST-SERB/EQUIP/2018-19/1

Date: 24.12.2018

QUOTATION NOTICE

Quotations are invited from authorized parties for supplying Refrigerated Circulating Water Bath (Julabo/Lauda/Hantech /Polyscience) in a DST-SERB funded project (YSS/2015/001128 dated 18/07/2016) under **Dr. Smritimoy Pramanik (PI)**. Specification of the item given below. Suppliers are hereby requested to submit their quotations with proper documents (current Trade License, Service Tax Registration Certificate, PAN No., Copy of Registration Certificate with Statutory Authorities and other credentials) within 07/01/2019 in a sealed envelope addressed to the PI of the project. The price should be inclusive of relevant taxes/charges showing break-up. Warranty, on-site service/support should be mentioned clearly. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Refrigerated Circulating Water Bath

- Bath Capacity: Minimum 10 litre or more
- Temperature: Minimum -20 °C or less to 100 °C or more
- Temperature Stability: ± 0.1 °C or better
- Temperature Resolution: 0.1 °C
- Display: 7" TFT touch-screen colour LCD
- Control Panel: Touch-screen control
- Material of construction (water bath): Corrosion proof stainless steel
- In-built stirring system in water bath for uniform temperature
- Large opening in water bath to use it as stand-alone water bath
- Refrigerant Type: R404A (CFC free type)
- Circulation Pump Flow: Adjustable flow from 0-20 litre/min.
- Pump Pressure (Max.): 5 bar
- Timer: 0 - 999 min.
- Design: Floor standing sleek model, integrated refrigeration unit and liquid drain facility
- Safety features: Over temperature cut-out

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Ref. No. CU-Chem/SMP/DST-SERB/CONS/2018-19/3

Date: 24.12.2018

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Custom Oligos			
Sequence Name	Oligo Sequence [*]	Synthesis Scale, Purification ^y	Maker
TBA	5'-GGTTGGTGTGGTTGG-3'	10.0 μmole, HPLC	IDT or Sigma-Aldrich
ht-G	5'-GGGTTAGGGTTAGGGTTAGGGT-3'	10.0 μmole, HPLC	IDT or Sigma-Aldrich
VEGF-G	5'-GGGCGGGCCGGGGCGGG-3'	10.0 μmole, HPLC	IDT or Sigma-Aldrich

^{*} Dry tubes (not in solution)

^y Purity must be confirmed by Mass Spectrometry data

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Custom Oligos			
Sequence Name	Oligo Sequence [*]	Synthesis Scale, Purification ^y	Maker
BCL2-G	5'-GGGCCGTGGGGTGGGAGCTGGG-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich
BCL2-G-mC	5'-GGGCCGTGGGGTGGGAG ^{hm} CTGGG-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich
BCL2-G-hmC	5'-GGGCCGTGGGGTGGGAG ^{hm} CTGGG-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich
BCL2-C	5'-CCCAGCTCCCACCCACGGCCC-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich
BCL2-C-mC	5'-CCCAG ^m CTCCCACCCACGGCCC-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich
BCL2-C-hmC	5'-CCCAG ^{hm} CTCCCACCCACGGCCC-3'	1.0 μmole, HPLC	IDT or Sigma-Aldrich

^mC: 5-Methyl dC

^{hm}C: 5-Hydroxymethyl dC

^{*}Dry tubes (not in solution)

^yPurity must be confirmed by Mass Spectrometry data

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Sl. No.	Item	Quantity	Maker with SKU pack size(preferably)
1.	Hoechst 33258	01	Sigma-Aldrich , B2883-25MG
2.	7-AAD (7-Amino actinomycine-D)	01	Sigma-Aldrich , A9400-1MG
3.	16:0 PC(DPPC)	01	Sigma-Aldrich, 850355P-1G
4.	16:0-18:1 PC(POPC)	01	Sigma-Aldrich, 850457P-200MG
5.	Cholesterol	01	Sigma-Aldrich, C3045-5G
6.	L-Tryptophan	01	Sigma-Aldrich, 93659-10G
7.	5-Hydroxy-L-tryptophan	01	Sigma-Aldrich, H9772-1G
8.	Serotonin	01	Sigma-Aldrich, 14927-25MG

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Item	Quantity	Maker with SKU pack size (preferably)
Extruder set with Holder/Heating Block	01	Sigma-Aldrich , 610000-1EA

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