

**ENQUIRY**

<b>LAST DATE OF SUBMISSION</b>	15/02/2019
<b>HOURS (L.S.T)</b>	5 PM

Please quote your lowest rates for the following item so as to reach to **Professor & Head, Department of Biotechnology, Siksha Bhavana, Visva Bharati, Santiniketan- 731235** on or before the date and time noted above. *Please see terms & conditions as mentioned below, which are essential, specially item 1 - 109, the failure in compliance of which may lead to rejection of the quotation.*

Chemicals:

Chemicals Name	Quantity
1. Formaldehyde Emparta	500ml
2. Glacial acetic acid (GR)	500ml
3. Sodium Bicarbonate purified	500g
4. Chloroform ACS (AR)	500ml
5. Methanol Emparta ACS	2.5 Lt
6. 3,4,5 Trihydroxybenzoic acid 97.5 -102.5 % (titration)	100g
7. Formic Acid 100% GR pro analysi	500ml
8. Quercetin $\geq 95\%$ (HPLC) solid	10g
9. Ascorbic Acid (GR)	100g
10. Copper (II) nitrate, trihydrate 99%	100gm
11. Ethyl acetate ACS Emparta	2.5 Lt
12. Toluene Emplura	2.5 Lt
13. Benzene for Synthesis	500g
14. Aluminium Chloride (AR)	500g
15. Iron-III Chloride anhydrous purified	500g
16. Sodium carbonate anhydrous (AR)	500g
17. TBA	25g
18. Sodium cyanide Emplura	100g
19. HNE-BSA	100 $\mu$ g
20. MDA-BSA	100 $\mu$ g

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21. Cumenehydroperoxide, technical grade, 80%	100g
22. TLC plates Aluminium sheet silica gel 60 F254	1 packet
23. Sodium hypochlorite solution 4%, 5lit	1 pk
24. Lithium Chloride (LiCl), powder, $\geq 99.98\%$ trace metals basis, 10g	1pk
25. Actinomycin D from Streptomyces sp., suitable for cell culture, purity $\geq 95\%$ , 2mg	1pk
26. Luria Bertani Agar, Miller, 500g	1 pk
27. Tryptose broth, 500g	1 pk
28. Chelex 100 sodium form, 50-100 mesh (dry), 25 mg	1 pk
29. Protease inhibitor cocktail, 1ml	1 pk
30. DMSO-sterile, sterile-filtered, BioReagent, suitable for hybridoma, $\geq 99.7\%$ , 5X10ml	1 pk
31. Heparin Sodium salt, Cell Culture Tested, 100000U	1 pk
32. Absolute ethanol, 500ml	3 bottle
33. Buffer capsules of PH 4.00 +/- 0.02, 7.00 +/- 0.02, 10.00 +/- 0.02	1 set
34. RPMI 1640 high glucose, GlutaMAX or stable glutamine. phenol red, without pyruvate, HEPES, 500ml	1 bottle
35. DMEM high glucose, GlutaMAX or stable glutamine, phenol red , without pyruvate, HEPES, 500ml	1 bottle
36. Dulbecco's Modified Eagle Medium: Nutrient Mixture F-12 (DMEM/F12), GlutaMAX , phenol red , without pyruvate, HEPES, 500ml	1 bottle
37. Fetal Bovine Serum, North American certified. Endotoxin level: $\leq 5$ EU/ml Hemoglobin level: $\leq 10$ mg/dl. 500ml	1 bottle
38. Fetal Bovine Serum, North American origin Endotoxin level: $\leq 5$ EU/ml, Hemoglobin level: $\leq 10$ mg/dl, 500ml	1 bottle
39. Fetal Bovine Serum, South American origin, Standard, E.U. Approved, 500ml,	1 bottle
40. Fetal Bovine Serum, Australian origin. Endotoxin level: $\leq 10$ EU/ml. Hemoglobin level: $\leq 30$ mg/dl. 500ml	1 bottle
41. Blood RNA isolation mini prep kit, 50 rxn	1 set
42. Total Protein Extraction Kit from animal tissue, cells, 50 rxn	1 set

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43. Toluene for analysis EMPARTA ACS	7.5 lit
44. PES hydrophilic membrane, syringe-driven filters(0.22um)	1 box
45. Analytical TLC Silica gel 60 PF254	50 units
46. Silica gel 60 PF <sub>254</sub> containing gypsum	2.5 kg
47. Tris base,	4 x 500 g
48. Benzene for analysis EMPARTA ACS	7.5 lit
49. Chloroform for analysis EMPARTA ACS	7.5 lit
50. Methanol for Chromatography for HPLC LiChrosolvR	7.5 lit
51. Acetonitrile Gradient grade LiChrosolv <sup>R</sup> for chromatography HPLC	3 lit
52. T4 DNA Ligase	1000 U
53. Parafilm	2
54. Nuclease-free water	500 ml
55. 2X RNA loading dye	2 ml
56. RiboRuler High range RNA ladder	2 ml
57. 6-Benzylaminopurine (BAP)	5 gm x 1
58. Indole-3-acetic acid(IAA)	5 gm x 1
59. Gibberellic acid	10 gm x 1
60. Acetosyringone	5gm x 1
61. Thidiazuron (TDZ)	250mg x 1
62. Kanamycinsulphate	1gm x 1
63. Cefotaxime	1 gm x 1
64. DEPC	100 ml x 1
65. MOPS	25gm x 1
66. Absolute Ethanol for Molecular analysis	500 ml x 2
67. Alcohol	10 pc
68. 100 bp DNA ladder	1 pc

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69. Dream Taq Green PCR Master mix(2x) 1.25ml	2 Pack
70. RNase A(DNase and Protease free)	1 Pack
71. Go Taq qPCR master mix(200rxn)	2 Box
72. Multiplate™ PCR Plates 96-well,Clear(Pkg of 25 unskirted low-profile)	1Box
73. C DNA Synthesis kit(Quantinova50rxn)	1Box
74. RNeasyR Plant mini kit(50)	1 Box
75. 1kb ladder	2Pack
76. Amylose from potato (250mg)	1Pack
77. 100 bp ladder	2 pack
78. Agarose Special, Low EEO(Nuclease & Protease free)	1 Kg
79. Albumin bovine fraction V Power (pH 6-7)	10 mg
80. L- Proline	5mg
81. Titanium(IV) sulfate	
82. miScript Plant RT kit(50reaction)	20µl
83. Sanger sequencing (1100-1300 kb in per reaction read length)	
84. Oligonucleotide (Primer 25 nm ultrapure)	
85. Tris buffer superior (extrapure AR,acs) ( Tris (hydroxymethyl) Aminomethane,tromethamine) DNase, RNase, protease not detected	5kg
86. RevertAid first strand cDNA synthesis kit(20rxn)	2pack
87. Bright green 2x q pcr master mix(elimination of primer dimer non toxic)	
88. Ez-10 column plant rna mini prepes	
89. 2x pcr taq mastermix with dye(amplicon length 16 kb)	
90. miScript primer Assays (100×50µl) reaction per assay For syber green based, real-time pcr(Plant)	
91. miScript® SYBER green PCR kit(200) for 200×50µl	
92. miScript Plant RT kit(50) 50×20 µl	

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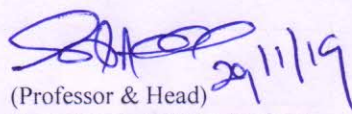
93. Methanol (molecular grade)	5lit
94. Formalin(molecular grade)	100 ml
95. Aluminium stubs	
96. Alpha amylase (pure molecular grade)	250mg
97. Ethyl acetate(Molecular grade)	
98. Alcohol dehydrogenase (ADH) from saccharomyces cerevisiae(7.5ku)	1 kit
99. Nicotinamide adenine dinucleotide (oxidised)	1 kit
100. Nicotinamide adenine dinucleotide (Reduced)	1 kit
101. Di Thio Threitol(DTT)	3 ml × 1
102. Metaphosphoric Acid	100g
103. DTNB(5,5 Dithio- bis-2 nitrobenzoic acid)	10g
104. 2-vinyl pyridine	100 ml
105. Glutathione reductase from yeast	5 g
106. TPP Chloride	1 (20µl×100 rxn)
107. BrightGreen 2X qPCR MasterMix-No Dye	4×1.25 ml, for 500 reactions, (20µL)
108. Parafilm (4×125)	1 pc
109. WGS and RNAseq of plant (rice) sample-  Specification:  a.Service provider has have a functional Lab Facility in India, where PI can visit regularly during the project work, PI will visit to the Lab prior to see the facility before award of Tender  b. Should have 3 year Project Completion Certificate for Similar Work (WGS, RNAseq etc.)  c. Complete Bioinformatics analysis with high quality graphs /picture (Publication standard)  d. 60 Days to deliver the results.  e. For WGS- 30 X Raw Data on Illumina HiSeq X Ten/4000 only, Sequencing will be with 350-550 bp insert size library and 150x2 Pair End Chemistry (latest Illumina chemistry)  f. For RNAseq-60 Million reads per sample with 100x2 Pair End illumina sequencing chemistry. Q30 will be >85% or above.	Per sample

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## Terms and Conditions of Purchase

1. The offers addressed to **Professor & Head, Department of Biotechnology, Siksha Bhavana, Visva Bharati, Santiniketan-731235**, MUST be sealed and marked as "Enquiry No. BT/VB/2018-19/726 dated 28/01/2019 Due Date **15/02/2019**" on the face of the envelope.
2. Apart from other applications in respect of the quality, standard, terms etc., the offer should specially clarify the points noted below, in the following order:
  - i) Validity of the offer
  - ii) Period of Delivery
  - iii) Place of Delivery
  - iv) GST
  - v) Excise Duty
  - vi) Insurance
  - vii) Packing and forwarding Charges and Freight
  - viii) Other incidental charges. The rates and terms should be noted on F.O.R. / F.O.B. basis or delivery at V.B. site
3. Below are the details of the above points:
  - i) *Validity of the offer*: - Here please mention the time to which your quotations shall be correct. The quotationer shall have no right to revise them within the period given here on the plea of fluctuations in the market rate. Normally the validity of the offer should be for a specified period of 90 days.
  - ii) *Time of Delivery*: - State the period during which the supplies will be effected by you in full.
  - iii) *Place of Delivery*: - Mention clearly the place of destination, and mode of transit by which the supplies will be effected without any extra charges. The University will prefer F.O.R. Santiniketan prices in case of outstation suppliers, and delivery at our site in case of local suppliers.
  - iv) *Central Sales Tax*: - State the present rates leviable. In case the same is not applicable, mention "Not Applicable" and if the prices are inclusive of this sales tax please write "Included in the Prices". *The S.T./ VAT/ I.T Pan No. or Registration Number (as the case may be should invariably be quoted in the offer, a photocopy of the latest clearance certificate of the above be enclosed with the offer, failing which the offer will not be considered.*
  - v) *Provisional Sales Tax*: - As detailed under (iv) above.
  - vi) *Excise Duty*: - As detailed under (iv) above (V.B. can provide Excise Duty exemption certificate whenever applicable).
  - vii) *Insurance*: - If the rates are inclusive of insurance please write "Included in the prices" otherwise state "Not included". In case local supplier where insurance is not necessary, they may mention "Does not arise".
  - viii) *Packing and Forwarding Charges*: - If these charges are accounted for in the prices quoted by you, please mention "Included in the prices", otherwise please give an approximate charge thereof. It may be noted that the university will pay only the actual expenses on this accounts.
  - ix) *Other incidental charges*: - Other charges which are not fully accounted for by the replies given above, may be mentioned.
4. University reserves the right to accept / cancel any of the tender or part thereof without assigning any reason.
5. Suppliers having Rate Contract with Central or Provincial Government should quote along with a certified copy of the current Government Rate Contract.
6. The offers must be accompanied by the related catalogues, leaflets, brochures and samples wherever possible. While effort is made to return the samples to the suppliers, the HOD / P.I./ Coordinator/ Indenter cannot accept any responsibility in this respect.
7. All quotations should be net, after showing discounts etc.
8. If the terms of the quotations etc. are vague, incomplete, contradictory and confusing the offer will be rejected without any explanation.
9. The suppliers will be informed of the decision in due course in case of decision in their favour and any interim enquiries about offers will not be attended to.
10. Once the offer is accepted by the HOD / P.I./ Coordinator/ Indenter and the order is placed on the basis, the supplier will have to deliver the goods accordingly within the stipulated time, or meeting the compensation for loss if any on account of non execution of the supply order.
11. Liquidated Damage:-Visva-Bharati deserves the right to impose liquidated damage as and when required; the rate of penalty will be at par with the same of the Govt. of India's instruction.
12. Bank Commission where applicable will have to be borne by the supplier.
13. All disputes subject to "Bolpur, Birbhum, W.B. Jurisdiction" only.

  
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