



# COOCH BEHAR PANCHANAN BARMA UNIVERSITY

Vivekananda Street, Cooch Behar-736101  
Ph.: 03582-230218

E-mail :- [info@cbpbu.ac.in](mailto:info@cbpbu.ac.in)  
Website:- [www.cbpbu.ac.in](http://www.cbpbu.ac.in)

Ref. F27.V5/REG/1620-18

Date: 05.11.2018

## TENDER INVITED FOR THE PROJECT 'EFFICACY OF BIOACTIVE COMPOUNDS FOR IMMUNOTHERAPEUTIC APPROACHES'

Tender document can be downloaded from the University's website [www.cbpbu.ac.in](http://www.cbpbu.ac.in) and in such a case the bidder shall deposit the cost of tender documents along with submission of the tender, failing which his tender shall not be opened. The tender form complete in all respect should reach the Registrar, Cooch Behar Panchanan Barma University, Vivekananda Street, Cooch Behar – 736101, West Bengal, India, in duly sealed envelope super scribed with "**Zoology Laboratory Equipment**" up to 2.30 p.m on **15.11.2018**. The tender will be opened on the same day at 3.30 p .m by a committee in presence of tenderer who may wish to be present. The Registrar Cooch Behar Panchanan Barma University reserves the right to accept or reject any or all the Tenders without assigning any reason. Incomplete & conditional tenders are liable to be rejected.

Demand Draft/Pay Order of Rs. 500/- (Five Hundred Only) drawn in favour of Cooch Behar Panchanan Barma University Payable at Cooch Behar, as cost of Tender Document.

S.No.	Item	Cost of Tender	Completion Time
1	Strictly to Comply As per Annexure - I	500/-	30 days

  
Registrar  
Registrar  
Cooch Behar  
Panchanan Barma University





## Annexure-1

### LIST OF GLASSWARES/PLASTICWARES/SMALL APPARATUS

1. Steel wire mesh (for tissue grinding)
2. Vernier callipers
3. Screw gauge
4. Sharp scalpel
5. 1ml Syringe (Plastic)
6. 5 ml Dispovan Syringe
7. Glass syringe (1ml)\_Borosil
8. Tissue paper
9. Hand gloves (anti-grip)
10. Hand gloves (for holding mouse)
11. Round bottom flask (250ml)
12. Measuring cylinder(10ml)
13. Haemocytometer
14. Conical flask (5ml, 10ml)
15. Alumminium foil
16. Khan Tube
17. Screw cap bottle (1000ml, 500ml, 250ml, 100ml)
18. Micro scissors
19. Glass Slides
20. Cover slips (rectangular)
21. Glass culture tube (Borosil)
22. 96 well micro round bottom ELISA plate (Tarson)
23. Capillary tubes
24. TLC Plate uv active F<sup>254</sup> (E Merk ,Germany)
25. TLC Chamber small
26. UV Torch
27. Bulb and stopcock column chromatography (Bore:10mm, length 15cm)
28. Bulb and stopcock column chromatography (Bore 20mm, length - 45cm)
29. Glass slides
30. Slide box
31. Dropping bottle (60 ml, 125 ml)
32. Wide mouth bottle graduated (60, 125, 250ml)
33. Beakers Graduated without handle PP& TPX- (500, 250, 100ML)
34. Aspirator Bottle with stopcock (5 ltrs, 10lts)- Tarson
35. Micropipette (10ul, 25ul) fixed
36. Micropipette (100, 250ul, 1000ml)
37. Microtips (100, 200, 1000)
38. Microtips box(100, 200, 1000)
39. Glass Homogeniser
40. Tissue staining coupling Jars
41. Animal Cage
42. Animal cage mesh cover





43. Animal water bottle (Tarson)- code-601010, 601020)
44. Autoclavable animal cage (041040)
45. Filter cover (animal cage)- (044010)
46. Autoclavable water bottle- (601040)
47. Syringe Filters (Cellulose filter paper)
48. Microcellulose filter paper (0.2um porosity)- Sertorius
49. Membrane filter holder (small)- Tarson (code-521090)-25mm
50. Measuring cylinder (1000ml, 500ml, 250ml, 100ml, 10ml)- Glass & Plastic both
51. Graduated Beaker (1000ml, 500ml, 250ml, 100ml, 10ml)- Glass & Plastic both
52. Conical Flak- Borosil (500ml, 250ml, 100ml, 50ml)
53. Petri dish- Borosil
54. Petri Dish- Plastic
55. Reagent Graduated bottle with screw cap (1000ml, 500ml, 250ml, 100ml)
56. Culture Petri dish with lid- Tarson (code-980030, 980020,980010)
57. 96 well culture plate (round bottom)- Tarson (code-980040)
58. Micro test plate (941296)- Tarson
59. Tissue culture petri dish –Tarson
60. Storage vial (523060)- Tarson
61. Magnettic sterring bar
62. Test Tube stand
63. Cryo box
64. Pasteur Pipette
65. Culture tube with screw cap- Glass (10ml)
66. Morter and Pastel
67. Blotting paper
68. Whattman Filter paper
69. Conical flask with cap- 250 ml (Tarson)
70. Test tube basket with cover
71. Glass funnel
72. Micropipette stand

### **List of Chemicals and Reagents:**

1. RPMI 1640 with Gluatmine & Hepes buffer (Hi-media/SRL)
2. MEM (Hi Media)
3. NaCO<sub>3</sub>
4. Trypan blue (Sigma Aldrich)
5. Neutral Red
6. Methanol
7. Faetal Calf Serum
8. Con A type IV (Sigma)
9. BSA
10. 2-Mercepoaethanol
11. Sodium thiopentane
12. Glacial Acetic Acid
13. Paraffin (wax)





14. Parafilm
15. Hematoxylin
16. Eosin
17. Acetone
18. Paraformaldehyde
19. Potassium permanganate
20. Formaldehyde
21. Rectified Spirit
22. Ethanol
23. RNase A
24. Ethidium bromide
25. Sodium citrate
26. 2,4 dinitrofluorobenzene
27. Leishman's stain
28. Tris buffered Ammonium chloride (Sigma Aldrich)
29. Sodium thiopentone
30. Mercaptoethanol
31. Ammonium Chloride
32. Potassium Permanganate
33. Phosphoric Acid
34. Acetone
35. Hydrogen peroxide
36. Standard IgG (GeneI, Bangalore)
37. Petroleum ether
38. Ethyl acetate
39. Dichloro methane
40. Hexene
41. Benzene
42. Picric acid
43. Ethanol
44. Agar powder
45. Ficoll Hypaque solution (Type iv, Sigma)
46. Penicillin,
47. Streptomycin
48. Nystatin
49. Dextrose
50. Sodium Chloride
51. Potassium Chloride
52. Ammonium Chloride
53. Ammonia
54. Di sodium hydrogen phosphate
55. Potassium hydrogen phosphate
56. Tris base
57.  $\text{NH}_4\text{Cl}$
58. Geimsa-rosenfield
59. Sodium carbonate





60. Triton X
61. EDTA
62. Hydrogen peroxide
63. 1-chloro-2,4-dinitrobenzene (DNFB)
64. Tris-Hcl (PH 8.3)
65. Glycine
66. Sodium Dodecyle sulphate
  
67. Acetic acid (glacial)
  
68. Absolute ethanol
  
69. Sodium bi carbonate
70. Formaldehyde
71. Ethanol
72. Glutaraldehyde (For electron Microscopy)
73. Agarose for electrophoresis
74. 2-mercaptoethanol
75. Buffer capsule
76. Acrylamide
77. N,N-methyle bis acrylamide
78. Ammonium persulphate
79. TEMED
80. Coomassie blue
81. Bromophenol blue
82. PBS powder (Hi Media)
83. Dextrose
84. Sucrose
85. Curcumin (Sigma)
86. Sodium titrate
87. Mercuric Chloride
88. Glacial Acetic Acid
89. Chloroform
90. TLC Silica gel plate (UV active)

