



## कार्यालय, अधिष्ठाता



### शासकीय चिकित्सा महाविद्यालय शहडोल (म.प्र.)

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क्रमांक/238.../लेखा/एम.सी./2019

शहडोल, दिनांक 06/06/2019

### सीमित निविदा

बायोकेमेस्ट्री एवं फिजियोलॉजी विभाग से प्राप्त मांग पत्र अनुसार संलग्न Annexure-1 एवं Annexure-2 के विवरण अनुसार रासायनों के क्रय हेतु सीमित निविदा (कोटेशन) आमंत्रित किये जाते हैं। अतः इच्छुक फर्म/विक्रेता निम्न शर्तों पर सीमित निविदा (कोटेशन) आगामी 5 दिनों (10.06.2019 दोपहर 1 बजे) तक व्यक्तिगत रूप से उपस्थित होकर प्रस्तुत कर सकते हैं।

शर्तें:-

- सभी फर्मों का GSTIN NO. होना आवश्यक है।
- सभी फर्मों का Drug Licence होना अनीवार्य है।
- फर्मों को रासायनों के अतिरिक्त कोई भी अन्य खर्च देय नहीं होगा।
- कार्यालय तक पहुँचाने का भाड़ा अतिरिक्त देय नहीं होगा।

*(Signature)*

6/6/2019

मुख्य कार्यपालन अधिकारी एवं अधिष्ठाता  
शासकीय चिकित्सा महाविद्यालय  
शहडोल (म.प्र.)

*(Signature)*  
06/06/19

**Department of Biochemistry**  
**GMC Shahdol**

**List of chemicals required for first year MBBS Biochemistry practicals**

Serial no.	Name of chemical	Grade	Quantity required
1.	Acetone	Analytical grade	5LtX2
2.	Alpha naphthol	Analytical grade	100gm
3.	Ammonia	Analytical grade	500mlX4
4.	Ammonium molybdate	Analytical grade	500gmX1
5.	Ammonium oxalate	Analytical grade	500gms
6.	Ammonium sulphate powder	Analytical grade	500gmX2
7.	Auto pipette tips 1 ml		500
8.	Auto pipette tips 200 ul		500
9.	Auto pipette tips 50 ul		500
10.	Barium chloride	Analytical grade	500gm
11.	Benzidine powder	Analytical grade	100gm
12.	Blue litmus paper	Analytical grade	50 pcs
13.	Butanol	Analytical grade	2.5LtX1
14.	Calcium chloride	Analytical grade	500gm
15.	Casein	Analytical grade	250gmX1
16.	Citric acid	Analytical grade	500gm
17.	Concentrated H <sub>2</sub> SO <sub>4</sub>	Analytical grade	5LtX4
18.	Concentrated HNO <sub>3</sub>	Analytical grade	5LtX4
19.	Concentrated HCl	Analytical grade	5LtX4

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20.	Copper sulphate	Analytical grade	500gmX2
21.	Cover slips		100 pcs
22.	Creatinine pure	Analytical grade	100gmX1
23.	Cupric acetate	Analytical grade	500gmX2
24.	Dextrin powder	Analytical grade	250 gm
25.	Diacetyl monoaxime	Analytical grade	500gms x1
26.	Ethyl alcohol	Analytical grade	5LtX4
27.	Ferric chloride	Analytical grade	100gm
28.	Filter papers	Analytical grade	100
29.	Filter papers whatmans no. 1 sheets	Chromatography grade	100 sheetsX1
30.	Formaldehyde	Analytical grade	2.5LtX1
31.	Fructose powder	Analytical grade	500gmX1
32.	Galactose powder	Analytical grade	500gmX1
33.	Glacial acetic acid	Analytical grade	2.50LtX2
34.	Glass slides		100pcs
35.	Globulin	Analytical grade	100gmx1
36.	Glucose powder	Analytical grade	500gmX4
37.	Glycerol	Analytical grade	2.5 l X1
38.	Hydrogen peroxide	Analytical grade	250mlX2
39.	Iodine crystals	Analytical grade	100gm
40.	Lactic acid	Analytical grade	100gms
41.	Lactose powder	Analytical grade	500gmX1
42.	Lead acetate	Analytical grade	500gm
43.	Lead oxide	Analytical grade	250gms
44.	Liquid bromine	Analytical grade	250ml x 2
45.	Magnesium chloride	Analytical grade	250 gms
46.	Magnesium sulphate	Analytical grade	500gmx1
47.	Maltose powder	Analytical grade	500gmX1
48.	Mercuric chloride	Analytical grade	250 gms
49.	Mercuric sulphate	Analytical grade	500gmX1

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50.	Methanol absolute	Analytical grade	2.5 L x2
51.	Methyl red	Analytical grade	100gms
52.	Methylene blue	Analytical grade	100gm
53.	Molybdic acid	Analytical grade	100 gms
54.	Ninhydrin	Analytical grade	100gm
55.	Paradimethylamino benzaldehyde	Analytical grade	100gm
56.	Pasture pipettes		50 pcs
57.	Peptone powder	Analytical grade	250gms x 1
58.	Perchloric acid	Analytical grade	250gms
59.	pH papers range 2-7		10pcs
60.	pH papers range 2-14		10pcs
61.	Phenol	Analytical grade	2.5 l x 2
62.	Phenolphthelin indicator	Analytical grade	100mlX1
63.	Phenyl hydrazine hydrochloride	Analytical grade	100gmX2
64.	Phenyl mercuric acetate	Analytical grade	250gms
65.	Phenyl phosphate	Analytical grade	250 gms
66.	Phosphomolybdic acid	Analytical grade	250 gms
67.	Picric acid	Analytical grade	500gmx2
68.	Potassium chloride	Analytical grade	100gm
69.	Potassium ferricyanide	Analytical grade	100gm
70.	Potassium ferrocyanide	Analytical grade	100gms
71.	Potassium hydroxide	Analytical grade	500gm
72.	Potassium iodide	Analytical grade	100gms
73.	Potassium oxalate	Analytical grade	250gm

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74.	Potassium permanganate		100 gms
75.	Potassium sodium tartarate	Analytical grade	500gmX2
76.	Red litmus paper		50 pcs
77.	Resorcinol	Analytical grade	100gmX1
78.	Ryels tube		5
79.	Silver nitrate	Analytical grade	500 mlx4
80.	Sodium acetate powder	Analytical grade	500gmX2
81.	Sodium benzoate	Analytical grade	250 gms
82.	Sodium bicarbonate	Analytical grade	250gmX2
83.	Sodium carbonate	Analytical grade	500gmX2
84.	Sodium chloride	Analytical grade	500gmsx 2
85.	Sodium citrate	Analytical grade	500gmX2
86.	Sodium dithionite	Analytical grade	100gm
87.	Sodium hydroxide	Analytical grade	500gmX2
88.	Sodium hypobromide	Analytical grade	20mlX5
89.	Sodium hypochromate	Analytical grade	100gmx1
90.	Sodium nitrite	Analytical grade	100gm
91.	Sodium nitropruside crystals	Analytical grade	100gmX2
92.	Sodium potassium tartarate	Analytical grade	250 gms x 2
93.	Sodium sulphite	Analytical grade	250 gms
94.	Sodium tungstate	Analytical grade	500gmX1
95.	Sprit for sprit lamp		5 L x 5
96.	Sprit lamps		100
97.	Starch powder	Analytical grade	500gmX1
98.	Sucrose powder	Analytical grade	500gmX1

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99.	Sulphanilic acid	Analytical grade	250 gms x1
100.	Sulphosalysilic acid	Analytical grade	500gmX1
101.	Sulphur powder	Analytical grade	500gm
102.	Test tube brush		100
103.	Test tube holders		100
104.	Test tube racks 10mm		60
105.	Test tube racks 18mm		60
106.	Thiosemicarbazide	Analytical grade	100 gms x 1
107.	Trichloro acetic acid	Analytical grade	500gmX1
108.	Tripod stand		100 numbers
109.	Urea	Analytical grade	500 gms
110.	Urease powder	Analytical grade	250gmX1
111.	Uric acid crystals	Analytical grade	100 gms
112.	Bovine serum albumin	Analytical grade	100 gms x 4
113.	Potassium dichromate	Analytical grade	100gms
114.	Fast green FCF	Analytical grade	5 gms
115.	Guanidine chlorid	Analytical grade	5 gms
116.	Ethidium bromide	Analytical grade	5 gms
117.	Bromophenol blue	Analytical grade	5gms
118.	Methylene bluen	Analytical grade	5 gms

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**Revised List of Chemicals**

Sr. No.	Items	Quantity required
1	RBC diluting fluid (Hayem's Fluid)	500 ml
2	WBC diluting fluid (Turk's Fluid)	500 ml
3	Leishman Stain	500 ml
4	Spirit	500 ml
5	Distilled water	500 ml
6	Normal Saline	500 ml
7	0.1N HCl	100 ml
8	Res Ecker Solution (for Platelets)	100 ml
9	Eosinophil diluting fluid (Pilot's Fluid)	100 ml
10	New Methylene blue (for Reticulocytes)	100 ml
11	Cedar wood Oil	100 ml
12	Anti-A, Anti-B, Anti-D Antisera (for Blood grouping)	1 bottle each
13	Capillary glass tube (internal Diameter 1 mm)	500
14	Hand Sanitizer	2 bottles
15	Lancet	1000
16	Glass Cover slips	1000
17	Glass slides	500
18	Filter paper	2 sq. mtr
19	Sterile Cotton rolls	2
20	Gloves (6.5 No.)	5 pairs

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