



**GOVERNMENT OF WEST BENGAL
OFFICE OF THE PRINCIPAL**

PURULIA GOVERNMENT MEDICAL COLLEGE & HOSPITAL

Vill.:Hatuara, P.O.:Vivekananda Nagar, P.S.:Purulia Muffasil,PIN: 723 147

pgmch.edu.in; prinpuruliagmch@gmail.com

Memo.No. **55** /PRL/PGMCH /Estb/2020

Dated: January, **08**, 2020

TENDER NOTICE

Sealed tenders are hereby invited from reputed firms/ direct importers/ authorized distributors firm for supply of **Charts, Charts on T. Section , History of Medicine (set of 30 charts), & Photographs of Great Scientists** for use in the **Department of Pharmacology** as per the attached list in **Annexure I (Charts), Annexure II (Charts on T. section), Annexure III (History of medicine), & Annexure IV (Photographs of great scientists).**


Detailed specifications of items are as attached in Annexure I, II, III, & IV.

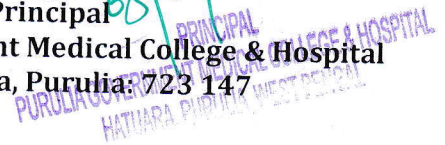
The last date of submission of Tender is **15.01.2020** and same will be opened on the same day at 4 pm in presence of interested bidders, if any. The bidders will submit the tenders in their own official pad along with the following essential documents.

1. Valid Trade License / Enlistment
2. Pan Card of Bidder/ Bidders Company
3. Manufacturing License (In Case of Manufacture)
4. GST Registration Certificate
5. Last Quarters GST Return
6. IT Returns of last year
7. Export Import license with IEC code (For Importer)
8. The certificate in the category of BIS/IS/FDA/US FDA of European CE with registration number of the product or Products (if applicable)
9. Brochure of the product or Products
10. Previous credentials of supplying similar products in reputed Medical Colleges (preferably Government Medical College)

The tender is to be submitted in the drop box which will be kept at the office chamber of the undersigned on all working days in working hours from 11 am to 3 pm or may be sent by post within the due date.

Physical verification of samples and/ or physical demonstration may be done at the discretion of the hospital authority by a team of experts to adjudge the applicability or suitability of the product for the functional requirements of the Department and the technical evaluation will be done accordingly in close observation of the product or products. The undersigned reserves the right to accept or cancel the whole procedure at any time without showing any reason.


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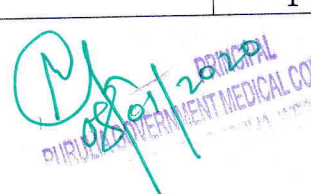
Copy forwarded for information & necessary action to:

1. Sri Shantiram Mahato, Hon'ble MIC & Chairman, RKS, DMSH
2. Sabhadipati, Purulia Zila Parishad
3. The Director of Medical Education, Department of Health & Family Welfare, Government of West Bengal, Swasthya Bhawan, Salt Lake City, Kolkata - 91
4. The District Magistrate, Purulia
5. The MSVP, PGMCH&H, Purulia
6. The Chief Medical Officer of Health, Purulia
7. D ICO, Purulia with a request to publish in one daily Bengali newspaper
8. The IT Cell, Swasthya Bhawan, Kol-91 for uploading this tender notice in the official website of Dept. of Health & Family Welfare
9. District Information Officer, NIC, Purulia with request to publish the NIT through official website of Purulia District
10. The Accounts Officer, PGMCH
11. Notice Board of PGMCH & DMSH
12. PGMCH Website
13. Office copy

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Annexure - I
(CHARTS)

SL No	Description of Charts	Quantity
1	Drug & Active Principle	1
2	Plant as source of Effective Medicines	1
3	Drug Development	1
4	Dosage forms for Oral, Ocular & Nasal Application	1
5	Oral administration drug release site of absorption	1
6	From Application to Distribution in the Body	1
7	Sites at which drugs act to modify cell function	1
8	Blood- Tissue Barriers	1
9	Membrane Permeation..Diffusion Transport & Vascular uptake & Transport	1
10	Exponential Elimination of Drug	1
11	Time Course of Drug Concentration	1
12	Dose-Response Relationship	1
13	Concentration-Effect Relationship	1
14	Concentration-Effect Curves	1
15	Concentration -Binding Curves	1
16	Agonists - Antagonists	1
17	Enantioselectivity of Drug Action	1
18	G - Protein - Coupled Receptors, Ligand - Gated Ion Channel, Ligand-Regulated Enzyme, Protein Synthesis Synthesis - Regulating Receptor	1
19	Undesirable Drug Effects.. Side Effects	1
20	Drug Allergy	1
21	Genetic variation of Drug Effects- Pharmacogenetics	1
22	Structure of the Sympathetic Nervous System	1
23	Adrenoceptor Subtypes and Catecholamine Actions. (Smooth Muscle Effects, Cardiac stimulation Metabolic effects)	1
24	Structure-Activity Relationship of Sympathomimetics	1
25	Antiadrenergics	1
26	Parasympathetic Nervous System	1
27	Cholinergic Synapse	1
28	Action of Nicotine	1
29	Dopamine - Effects & Properties	1
30	Serotonin	1
31	Vasodilators-Overview	1
32	Organic Nitrates	1
33	Calcium Antagonists	1
34	ACE Inhibitors	1
35	Cardiac Glycosides	1
36	Antiarrhythmic Drugs	1
37	Modes of Action - Myocardial Contraction & Relaxation	1
38	Drugs for treatment of Anemias	1
39	Coumarin Derivatives - Vitamin K	1
40	Heparin - Origin Structure and Mechanism of Action	1
41	Fibrinolytics	1
42	Plasma Volume Expanders	1
43	Drug Treatment of Hyperlipoproteinemias	1
44	Diuretics-Overview	1
45	Bulk Laxatives	1
46	Small-Bowel/Large Bowel Irritant Purgative	1




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47	Drug Affecting Motor Function	1
48	Muscle Relaxants	1
49	Antiparkinsonian Drugs	1
50	Antiepileptics	1
51	Pain Mechanisms and Pathways	1
52	Non Steroidal Anti-inflammatory Drugs (NSAIDs)	1
53	Local Anesthetics and pH Value	1
54	Opioid Analgesics-Morphine Type	1
55	General Anesthesia and General Anesthetic Drugs	1
56	Therapy of Depressive Illness- Effects of Antidepressants	1
57	Therapy of Schizophrenia effects	1
58	Psychotomimetics	1
59	Thyroid Hormone Therapy-release, effects, degradation	1
60	Glucocorticoid Therapy -Principal and adverse effects	1
61	Oral Contraceptives	1
62	Insulin Formulations	1
63	Oral Antidiabetics	1
64	Drugs for Maintaining Calcium Homeostasis	1
65	Inhibitors of cell wall synthesis- Penicillin G	1
66	Antibacterial Drugs Acting on DNA	1
67	Aspects of Therapeutic use of Tetracyclines, Chloramphenicol and Aminoglycosides	1
68	Drugs Used in the treatment of Fungal Infections	1
69	Chemotherapy of Viral Infections. Viral Multiplication and modes of	1
70	Antimalarials	1
71	Targeting of Antineoplastic Drug Action	1
72	Inhibition of Immune Responses (immune reaction & immunosuppressives)	1
73	Antidotes and treatment of Poisoning	1
74	Angina pectoris	1
75	Hypertension	1
76	Rheumatoid Arthritis	1
77	Congestive Heart failure	1
78	Osteoporosis	1
79	Migraine	1
80	Atopy and Antiallergic Therapy	1
81	Bronchial Asthma	1
82	Local Treatment of Glaucoma	1

ANNEXURE - II
(CHARTS ON T.SECTION OF LEAF)

SL No	Description of Charts	Quantity
1	Eucalyptus Leaf. (T.S)	1
2	Datura Leafs. (T.S)	1
3	D.lanata Leaf. (T.S)	1
4	Digitalis Purpurea Leaf (T.S)	1
5	Rauwolfia Root (T.S)	1


 08/07/2020
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ANNEXURE - III
[History of Medicine (set of 30 charts)] with Observation Board

SL No	Description of Chart	Quantity
1	History of Medicine	1 set

ANNEXURE - IV
(PHOTOGRAPHS OF GREAT SCIENTISTS)
Specification: Size- 14.5"x 19"

SL No	Description of Photographs	Quantity
1	Hippocrates (460-377B.C)	1
2	Claude Bernard (1813-1878)	1
3	Charles Herbert Best (1899-1978)	1
4	Fredrick Grant Banting (1891-1941)	1
5	Karl Landsteiner (1901)	1
6	Robert Koch (1870)	1
7	J.E. Purkinje (1787-1869)	1
8	Sigmund Freud (1856-1939)	1
9	J.D Watson & H.F.C Crick	1
10	Galen	1
11	Robert H. Ivy (1881-1974)	1
12	Ehrlich Paul (1854-1915)	1
13	Lehninger	1
14	Charak and Susruta	1
15	Sir Alexander Fleming	1
16	Sir Ronald Ross (1902)	1
17	Anton van LEEUWENHOEK (1632- 1723)	1
18	Edward JENNER (1749-1823)	1
19	Sir Humphry DAVY (1778-1829)	1
20	Walter REED (1851-1902)	1


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Short Ad matter to be published in Bartaman on 08.01.2020

**PURULIA GOVERNMENT MEDICAL COLLEGE & HOSPITAL,
HATUARA, PURULIA**

Abridged Notice Inviting Tender

Sealed Tenders are hereby invited from reputed firms for supply & installation of Charts & Allied for the Department of Pharmacology. Last date of submission is **15.01.2020**. Please visit www.pgmch.edu.in/www.wbhealth.gov.in/www.purulia.nic.in for viewing the complete notice.

Sd/-
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6/1/2020
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