



Government of West Bengal
OFFICE OF THE PRINCIPAL
MAHARAJA JITENDRA NARAYAN MEDICAL COLLEGE & HOSPITAL
(Previously Cooch Behar Govt. Medical College & Hospital)
Vivekananda Street, Pilkhana, Cooch Behar-736101



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Memo No.: MJNMC/Prin/321/2022

Date: 21/02/2022

TENDER NOTICE

The Principal, Maharaja Jitendra Narayan Medical College & Hospital, Cooch Behar, hereby invites Tender from the bonafide Firms/Supplier for supply & installation (Including Fitting, Fixing with installation Charge) of different items including equipments, to be installed in the Department of Anatomy, MJN MCH premises, the specification are mentioned in attached sheet. In view of above, the undersigned invites bid in separate sealed envelope in official pad (technical bid and financial bid separately) from interested parties with the terms and conditions noted below:

The rate should be quoted both in figure and words of **each item** excluding of **GST. GST % should be mentioned separately at prescribed column.**

Earnest money : Rupees Five Thousand (Rs. 5,000.00/-) only as Demand Draft/NEFT from any nationalized Bank in favour of The Principal, MJN MCH (A/C No.-919010029879092, IFSC- UTIB0000396, AXIS BANK- Cooch Behar Branch), payable at Cooch Behar.

The Security Deposit will be forfeited under following conditions:

- i) Bad performance & Bad Quality of the Items.

The last date of submission of tender is **28/02/2022** and the technical bid will be opened on 02/03/2022 at 12.00 noon in the office of the undersigned. Financial Bid of only successful bidders will be opened on the same day. The said tender paper documents regarding the terms and conditions will be available in www.coochbehar.gov.in

The bid documents are not transferable.

The Tenders are to be accompanied with the following papers / documents:

- Bank Draft/NEFT Receipt indicating deposit towards payment of EMD.
- Copy of Valid Trade License (Nature of Business)
- Copy of PAN Card.
- Copy of updated Professional Tax Certificate.
- Copy of GST Registration Certificate (Regular)
- Copy of updated Income Tax Certificate.

Principal

M.J.N. Medical College & Hospital
Cooch Behar

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Copy forwarded for information and necessary action please for displaying on the notice board:

- 1) The Sabhadhipati, Cooch Behar Zilla Parishad, Cooch Behar
- 2) The District Magistrate, Cooch Behar
- 3) The MSVP, MJN MCH, Cooch Behar
- 4) The Board of Administrator/Chairman, Cooch Behar Municipality, Cooch Behar
- 5) The D.I.O., NIC, Cooch Behar, with request to upload the notice in www.coochbehar.gov.in
- 6) The Accounts Officer, MJN MCH, Cooch Behar
- 7) The IT Cell, MJN MCH with request to upload the notice in www.mjnmch.ac.in
- 8) Notice Board of this Office
- 9) Office copy

Principal

M.J.N. Medical College & Hospital
Cooch Behar

LIST OF ITEMS

HISTOLOGY BOARD LAMINATED CHARTS (MATTE FINISHING; 12"x18")

Sl. No.	Description
1	INTRODUCTION
	Planes of section of a round object
	Planes of a section of a tube.
TISSUES	
2	Apical surfaces of ciliated and non-ciliated epithelium
	Junctional complex between epithelial cells
	Cilia and Microvilli
	Nuclear envelop and nuclear pores
	Mitochondria
	Rough endoplasmic retinaculum
	Smooth endoplasmic retinaculum
	Golgi Apparatus
EPITHELIAL TISSUE	
3	Simple squamous epithelium surface view of peritoneal mesothelium
	Different epithelial types in the kidney cortex
	Simple columnar epithelium : surface of stomach
	Simple columnar epithelium on villi in small intestine : cell with microvilli & Goblet cells
	Pseudostatified columnar ciliated epithelium :Respiratory passage- Trachea
	Transitional epithelium :Bladder (contracted or starched)
	Statified squamous non-keratinized epithelium : Esophagus
	Statified squamous keratinized epithelium : Palm of the hand
	Unbranched simple tubular exocrine glands : Intestinal glands
	Simple branched tubular exocrine glands : Gastric Glands
	Coiled tubular exocrine glands : sweat glands
	Compound Acinar (exocrine gland : Mammary gland
	Compound tubuloacinar (exocrine gland) : Salivary gland
	Compound tubuloacinar (exocrine gland) : Submaxillay salivary gland

Endocrine Gland : Pancreatic islet

Endocrine and exocrine pancreas

CONNECTIVE TISSUE

Loose connective tissue (spread)

Cell of the connective tissue

Embryonic connective tissue

Loose connective tissue with blood vessels and adipose cells

Dense irregular and loose irregular connective tissue

Dense regular connective tissue : tendon (longitudinal section)

Dense regular connective tissue : tendon (transverse section)

Adipose tissue in the intestine

CARTILAGE AND BONE

Hyaline cartilage and surrounding structure : Trachea

Hyaline cartilage : developing bone

Elastic cartilage : Epiglottis

Fibrous Cartilage : Intervertebral Disk

Endochondral ossification : development of long bone (Panoramic view, longitudinal section)

Endochondral ossification : Zone of ossification

Endochondral ossification : Formation of secondary centre of ossification and Epiphyseal plate in long bone

Bone formation : Primitive bone marrow and development of osteons (transverse section)

Intramembranous ossification : Developing skull bone

Cancellous bone with trabeculae and bone marrow cavities : Sternum (transverse section)

Dry, compact bone : Ground (transverse section)

Dry, compact bone : an osteon (transverse section)

BLOOD and MUSCLE TISSUE

Human blood smear : Erythrocytes, neutrophils, eosinophils, lymphocyte and platelets

Human blood smear : Red blood cells, Neutrophils, large lymphocytes, and platelets

Development of different blood cells in red bone marrow (decalcified)

	Bone marrow smear : Development of different cell types
	Longitudinal and transverse section of skeletal (striated) muscle of the tongue
	Skeletal muscle, nerves, axons and motor end plates
	Skeletal muscle with muscle spindle (transverse section)
	Skeletal muscle fibers (longitudinal section)
	Longitudinal and transverse section of cardiac muscle
	Longitudinal and transverse section of smooth muscle in the wall of the small intestine
	Longitudinal and transverse section of skeletal (striated) muscle of the tongue
	Skeletal muscle, nerves, axons and motor end plates

NERVOUS TISSUE

7	Spinal cord : Midthoracic region (t.s)
	Spinal cord : Midcervical region (t.s)
	Spinal cord : Anterior gray horn, motor neuron, and adjacent anterior white matter.
	Cerebral cortex : Gray matter
	Cerebellum (t.s)
	Cerebellar cortex : Molecular, Purkinje cell and granular cell layers.
	Peripheral nervous and blood vessels (t.s)
	Myelinated nerve fibers (l.s & t.s) 1850
	Sciatic nerve (t.s)
	Dorsal root ganglion, with dorsal and ventral root, spinal nerve (l.s)
	Cells and unipolar neurons of a dorsal root ganglion 1850
	Multipolar neurons, surrounding cells, and nerve fiber of the sympathetic ganglion.
	Cerebellar cortex : Molecular, Purkinje cell and granular cell layers.

CIRCULATORY SYSTEM and LYMPHOID SYSTEM

8	Lymph node (panoramic view)
	Lymph node : capsule, cortex, and medulla (section view)
	Thymus gland (Panoramic view)
	Spleen (Panoramic view)
	Red and white pulp of the spleen
	Palatine tonsil

Lymph node (panoramic view)

Lymph node : capsule, cortex, and medulla (section view)

INTEGUMENTARY SYSTEM

9 Skin : Epidermis, dermis and hypodermis in the scalp

Hair follicle : Bulb, sweat gland, sebaceous gland and arrector pili muscle

Thick skin of the palm, superficial cell layers and melanin pigment.

Apocrine sweat gland : Secretory and excretory portions of the sweat glands.

DIGESTIVE SYSTEM : ORAL CAVITY AND SALIVARY GLANDS

10 Parotid salivary gland

Submandibular salivary gland

Sublingual salivary gland

Serous salivary gland : Parotid Gland

Mixed Salivary gland : Sublingual gland

Parotid salivary gland

Submandibular salivary gland

Serous salivary gland : Parotid Gland

Mixed Salivary gland : Sublingual gland

DIGESTIVE GLAND : ESOPHAGUS AND STOMACH

11 Wall of upper esophagus (t.s)

Lower esophagus wall (t.s)

Stomach : Fundus and body regions (t.s)

Stomach : Fundus and body regions (plastic section)

Pyloric region of stomach

Pyloric-duodenal junction (l.s)

DIGESTIVE SYSTEM : SMALL AND LARGE INTESTINE

12 Small intestine :Duodenum (t.s)

Small intestine :Jejunum (t.s)

Small intestine :Ilium with lymphatic nodules (peyer's patches) (t.s)

Villi of small intestine (l.s & t.s)

	Large intestine :Colon and mysentery (Panoramic view, t.s)
	Appendix (Panoramic view, t.s)
	Rectum (Panoramic view, t.s)
	Anorectal junction (l.s)
RESPIRATORY SYSTEM	
13	Trachea (t.s)
	Lung (Panoramic view)
	Intrapulmonary bronchus (t.s)
URINARY SYSTEM	
14	Kidney :cortex, medulla, pyramid and renal papilla (panoramic view)
	Kidney cortex:Renal corpuscles, Juxtaglomerular apparatus and convoluted tubules.
	Urinary system : Ureter (t.s)
	Urinary bladder : Wall (t.s)
	Kidney :cortex, medulla, pyramid and renal papilla (panoramic view)
ENDOCRINE SYSTEM	
15	Hypophysis : Adenohypophysis and neurohypophysis (Panoramic view, sagittal section)
	Thyroid gland : Canine (General view)
	Thyroid and parathyroid gland
	Cortex and medulla of adrenal (suprarenal) gland
MALE REPRODUCTIVE SYSTEM	
16	Seminiferous tubuls, straight tubuls, rete testis and efferent ductules
	Ductus (vas) deferens (t.s)
	Ampulla of the ductus (vas) deferens
	Prostate gland and prostetic urethra
	Seminal vesicle
	Human penis (t.s)
	Penile urethra (t.s)
FEMALE REPRODUCTIVE SYSTEM	
17	Ovary (Panoramic view)

Corpus Leuteum (Panoramic View)
Uterine tube : Ampula with Mesosalpinx Ligament (Panoramic View, t.s)
Uterine tube : Lining epithelium
Cervix, cervical canal and vaginal fornix (l.s)
Vagina (l.s)
Vaginal surface epithelium
Human placenta (Panoramic view)
Chronic villi :Placenta during early pregnancy
Inactive mammary gland
Lactating mammary gland
Cervix, cervical canal and vaginal fornix (l.s)
Vagina (l.s)
Vaginal surface epithelium

ORGAN OF SPECIAL SENSES

18	Eye and lid (sagittal section)
	Lacrimal gland
	Cornea (t.s)
	Posterior eyeball : Scalera, choroid, optic papilla, optic nerve, retina and fovea (Panoramic view)
	Eye : Layer of retina and choroid
	Inner ear : cochlea (v.s)

Synthetic Models:

Sl No	Particulars
1.	Synthetic made disarticulated bones
2.	Synthetic made skull showing metopic suture
3.	Synthetic made skull showing inter-occipital bone
4.	Synthetic made cranial bone
5.	Synthetic made spongy bones in container
6.	Synthetic made demonstration skull

7.	Synthetic made folds of meninges / dura mater
8.	Synthetic made pelvis and hip joint showing ligaments
9.	Synthetic made foetal skeleton
10.	Synthetic made knee joint showing ligaments (in container)
11.	Synthetic made interosseous membrane of the hand
12.	Synthetic made interosseous membrane of the leg
13.	Synthetic made ligaments of the foot
14.	Synthetic made ligaments of the hand
15.	Synthetic made atlanto-occipital joint (i.e 7 cervical + occipital)
16.	Synthetic made vertebral column
17.	Synthetic made pelvis
18.	Synthetic made ear ossicles (in container)
19.	Synthetic made elbow joint
20.	Synthetic made series of mandible (6pcs; child to old)
21.	Synthetic made rib cage
22.	Synthetic made coronal section of femur
23.	Synthetic made articulated upper limb
24.	Synthetic made articulated lower limb
25.	Synthetic made disarticulated bones

DISSECTION BOARD LAMINATED CHARTS (MATTE FINISHING; 12"x18")

RADIOLOGY BOARD LAMINATED CHARTS (MATTE FINISHING; 12"x18")

ANATOMICAL MODELS (ADVANCED PVC)

ANATOMICAL SPECIMENS (ADVANCED PVC)

HISTOLOGY SLIDES

SI No	Histology Set
1	Histology prepared slide set – 3 SETS

OTHER ITEMS:

NAME OF THE OTHER ITEM	QUANTITY REQUIRED
Drill Machine	2

Abhishek Rana

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Anatomy, MJN MCH