

INVITATION FOR QUOTATION

HSCC/PUR/KCGMC/Low Value/Medical College Items/2017/MC-Jun (10)

Dated: 30th June, 2017

To

All Bidders

Subject: Invitation for Quotations for supply of Low Value Items for Microbiology Department of Kalpana Chawla Medical College, Karnal, Haryana.

Dear Sirs,

1. HSCC (India) Ltd. for and on behalf of Director General, Medical Education & Research, Panchkula, Govt. of Haryana invites your most competitive quotation for the following goods of the respective Departments are details below:

Annexure - I (Including name of items, Specification and Quantity)

- (I) Department of Microbiology.
2. Quotation:
 - 2.1 The contract shall be for the full quantity as described above.
 - 2.2 Corrections, if any, shall be made by crossing out, initialling, dating and rewriting.
 - 2.3 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - 2.4 The unit price/ rate of the item should be clearly indicated in the tender. Rates /Prices quoted shall be Inclusive of all taxes, duties, forwarding, and insurance & transportation up to the destination, Kalpana Chawla Medical College – Karnal.
3. Each bidder shall submit only one quotation.
4. Evaluation of Quotations:

The Purchaser shall evaluate and compare the quotations determined to be substantially responsive i.e. which;

 - 4.1 are properly signed; and
 - 4.2 confirm to the terms and conditions, and specifications.
 - 4.3 final considerations of equipments shall be based on the quality of equipments during demonstration / inspection.

5. The Quotations would be evaluated item wise.
6. Award of contract:
 - 6.1 The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest rate for the item subject to quality of the items during demonstration / inspection.
 - 6.2 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and cancel the bidding process and reject all quotations at any time prior to the issue of Purchase Order, without assigning any reason.
7. Delivery period shall be within **07** days from date of placement of order.
8. Payment shall be made only in Indian Rupees as follows:

Satisfactory Acceptance and delivery - 100% of total cost

100% Payment on submission of following documents (Duly signed & stamped at your end):-

- Copy of Purchase order.
- Consignee receipt in original issued by KCGMC/HSCC
- Invoice in favour of consignee/Director, KCGMC, Karnal through HSCC (I) Ltd
- Warranty Certificate in original.

9. All supplied items shall be under warranty of **12** months from the date of successful acceptance and date of delivery of items.
10. You are requested to provide your offer as follows:

Sr. No.	DESCRIPTION	ITEMS	Closing date & time for submission & receipt of tender	Date and time of Opening of Techno – Commercial Tenders
A	Equipments for Department of Microbiology:		13.07.2017 at 14:00	13.07.2017 at 14:30
	List of Glassware & Consumables	60		
	List of Charts, Models & Museum Articles	As Indicated		

NOTE: (Under any unforeseen circumstances if the due date for submission of Tender is declared as holiday then the tender shall be submitted & opened on the next working day at the scheduled time).

The quotations will be opened in HSCC office, NOIDA as mentioned above in the presence of renderer or their authorised agents as they may choose to attend.

11. Information brochures/ Product catalogue, if any, must be accompanied with the quotation clearly indicating the model quoted for.

12. Sealed quotation to be submitted/ delivered at the address mentioned below:

**General Manager (Procurement)
HSCC (India) Ltd.
E- 6 (A), Sector -1.
NOIDA – 201 301.**

THE COVER SHOULD BE SUPERSCRIBED WITH THE FOLLOWING:

Reference to letter of enquiry.
Due date of opening.
Serial No of the Items.

13. Quoted amount should be in Indian Rupees only.

14. For all items, the Technical Evaluation Committee may opt for Demonstration of the items. The Committee may also ask for Demonstration / Inspection before supply / delivery of the items for quality assurance.

15. Insurance shall be arranged/borne by supplier.

Note: Please indicate the quotation reference no. (Given at the top of page 1 of this letter) and Serial No of the Items on the top of the envelope.

The details of various medical equipment shall be also made available at www.hsccltd.co.in, and modification/amendments etc, if any, shall only be notified on website only.

We look forward to receiving your quotation and thank you for your interest in this project.

General Manager (Procurement)

I. DEPARTMENT OF MICROBIOLOGY

LIST OF LOW VALUE EQUIPMENTS IN MICROBIOLOGY DEPARTMENT

LIST OF GLASSWARE AND OTHER CONSUMMABLES DEPARTMENT OF MICROBIOLOGY

Sr. No.	NAME OF ITEM	MEASUREMENTS	REQUIREMENT
1	Measuring glass cylinder	1000ml	20
2	Measuring glass cylinder	500ml	20
3	Measuring glass cylinder	100 ml.	20
4	Measuring cylinder plastic	1000 ml.	20
5	Measuring cylinder plastic	100 ml.	20
6	Micro tips stand big	1000 micro lit	20
7	Micro tips stand small	100 micro lit	20
8	Micro tips Blue big		5000 tips
9	Micro tips small Yellow		5000 tips
10	Glass Test Tube	18x150mm	2000
11	Glass Test Tube	12 X 100	4000
12	Glass Test tube	15x125mm	1000
13	Glass Test tube	12 X 75	2000
14	Glass Test tube	10 X 75	2000
15	Glass Test tube	38 X 200	200
16	Glass slide	25x75mm	Each box 50 slide
17	Glass flask flat bottom	50 ml	20
18	Glass flask flat bottom	100 ml	50
19	Glass flask flat bottom	250 ml	50
20	Glass flask flat bottom	500 ml	200
21	Glass flask flat bottom	1000 ml	200
22	Glass flask falt bottom cap	2000 ml.	50
23	Glass flask flat bottom cap	3000 ml.	20
24	Glass Beaker	1000 ml.	24
25	Glass Beaker	500 ml.	50
26	Glass Beaker	250 ml.	100
27	Glass Beaker	100 ml.	50
28	Glass Beaker	50 ml.	50
29	Glass Reagents bottle	2000 ml.	24
30	Glass Reagents bottle	1000 ml.	30
31	Glass Reagents bottle	500 ml.	50
32	Glass Reagents bottle	250 ml.	50
33	Glass Reagents bottle	100 ml.	50
34	Glass Reagents bottle	60 ml.	200
35	Plastic tub	Large	20
36	Plastic Dropping Bottle	100 ml.	500
37	Mounting cover slips		100 packets
38	Microscopic cover slips glass	22 mm	200 packet X 10 gm each

39	Staining glass rods		100 X 2 feet each
40	Petri dish	90mm	2000
41	Thermometer	0-100 degree C	20
42	Thermometer	0-300 degree C	05
43	Tissue culture bottle/Blood culture bottle with aluminum cap and inner rubber vassal	120ml	1000
44	Bijou bottle	30 ml.	1000
45	Macotony vial	5 ml.	1000
46	Durham's tube small		100 X 144 (100 Gruss)
47	Funnel	75mm	50
48	Funnel	250ml	50
49	Nichrome inoculating loop with handle		200
50	Nichrome inoculating wire with handle		200
51	Sample collection swab sticks		10000
52	Universal urine container sterilized		10000
53	Needle Destroyer		20
54	Macartuny vial	30 ml.	500
55	Spirit lamp Aluminum	100 ml.	150
56	Aluminum slide tray		50
57	Steel tray SS	Size 18 inch X 12 inch X 3 inch	50
58	Aluminum foil	1 kg.	20
59	Filter paper watsman	22 X 22 inch	2000
60	Forceps' SS	4 inch	30

All glassware should be autoclavable and of borocil make.

**LIST OF MODELS, CHARTS, MUSEUM ARTICLES etc
DEPARTMENT OF MICROBIOLOGY**

A. LIST OF MODELS

Sr. No.	NAME OF MODELS
1.	HERPES SIMPLEX VIRUS
2.	RHABDO VIRUS
3.	CULTIVATION OF VIRUS IN EGG
4.	HIV VIRUS
5.	HEPATITIS 'B' VIRUS
6.	HELICAL STRUCTURE
7.	POLIO VIRUS
8.	SIMPLE ICOSAHEDROL STRUCTURE VIRUS
9.	BACTERIOPHAGE
10.	CYTOMEGALO VIRUS
11.	HUMAN ADENO VIRUS
12.	INFLUENZA VIRUS
13.	BACTERIAL STRUCTURE
14.	ROTA VIRUS
15.	ADENOVIRUS

NOTE: One each of all the above items

B. LIST OF BACTERIOLOGY CHARTS

Sr. No.	NAME OF CHARTS
1.	Gram Positive cell wall
2.	Gram negative cell wall
3.	Comparison of prokaryotic and eukaryotic cells
4.	Bacteriology flagella
5.	Comparison of gram-positive and gram-negative bacterial cell.
6.	Normal flora of human body
7.	Endospore formation
8.	Binocular light microscope
9.	Bacterial colony morphology
10.	Classification of medically important bacterial families.
11.	Drug resistance
12.	Classification of medically important virus families.
13.	Types of viral pathogenesis, Dissemination of virus to secondary sites in the body, Mother-to-infant.
14.	Laboratory techniques in diagnosis of microbial diseases.
15.	Gram stain- streptococcus
16.	Gram stain – clostridium perfringens
17.	Gram stain – Escherichia coli
18.	Escherichia coli – pathogenesis
19.	Gram stain – streptococcus viridans
20.	Gram stain – clostridium tetani
21.	Gram stain – staphylococcus aureus
22.	Z-N stain – mycobacterium tuberculosis
23.	Fontana stain – treponema pallidum
24.	Tuberculosis-ZN stain and culture
25.	Typhoid- pathogenesis
26.	Leprosy- ZN stain
27.	Cholerae- Gram stain and culture
28.	Bacterial cell & Bacterial cell walls.
29.	Synthesis of a bacterial cell wall.
30.	Bacterial growth.
31.	Bacterial genome & Bacterial replication
32.	Gene Transfer - A. Conjugation, B. Transduction, C. Transformation.
33.	Gene Regulation - A. Negative control (repression) B. Positive control (catabolite activation)
34.	Staphylococci - Staphylococcus Aureus, Infections & Causes of Diseases
35.	Pseudomonas species & infection of ear.
36.	Streptococcus species (Summary of streptococcal disease)
37.	Corynebacteria species (Summary of Corynebacterium diphtheriae disease).
38.	Bacillus species (Summary of anthrax disease)
39.	Listeria species & Life cycle
40.	Neisseria species (Summary of neisseria diseases).
41.	Campylobacter species (Summary of campylobacter disease).
42.	Negative stain- procedure
43.	AFB stain- procedure
44.	Gram stain- procedure
45.	Preparation of thick & thin smear- procedure

46.	Skin scrapings- sites and procedure
47.	Preparation of smear
48.	Helicobacter disease & Infection.
49.	G.P.C. anaerobic
50.	Hand washing procedure
51.	Hospital waste disposal protocol- 4 nos
52.	Colour coding of dustbins- 4 nos
53.	Flowchart of Mechanism of action- tetnus toxin
54.	Flowchart of Mechanism of action- cholera toxin
55.	Flowchart of Mechanism of action- botulinum toxin
56.	Flowchart of Mechanism of action- E.coli, ETEC toxin
57.	Flowchart of Mechanism of action- diphtheria toxin
58.	Flowchart of Mechanism of action- clostridium defficle
59.	Flowchart of Mechanism of action- bacillus anthrax
60.	Pathogenesis of intestinal ulcer by salmonella and entamoeba histolytica

NOTE:

One each of all the above items

All the charts should be provided on a laminated, wall mountable board of size 20"x24". Each should also be accompanied with the following details above the photograph:

"DEPARTMENT OF MICROBIOLOGY, KCGMC KARNAL"

C. SCIENTISTS:

Sr. No.	NAME OF SCIENTIST CHARTS
1.	Louis Pasteur
2.	Laennec renetheoplole
3.	Sir Frederic
4.	Von euler
5.	Withelmwaldeyer – harts
6.	Anatomy van leqvenhoek
7.	Paw langerhans
8.	Gregarmenal
9.	Paul ehrlich
10.	Jenner Edward
11.	Robert Koch
12.	Ronald Ross
13.	Emil A von Behring
14.	Alexander Flemming
15.	Selman A Waksman
16.	John F Enders, Thomas H Weller and Federick C Robbins
17.	Peyton Rous
18.	Paul Berg
19.	Susumu Tonegawa
20.	Michael Bishop and Harold E Varmus
21.	Kary B Mullis
22.	Stanley B Prusiner
23.	Barry Marshall and Robin Warren

NOTE:

One each of all the above items

The portraits of all the scientists should preferably be provided on a laminated, wall mountable board. Each portrait also be accompanied with the following details above the photograph:

"DEPARTMENT OF MICROBIOLOGY, KCGMC KARNAL"

Below the photograph:

1. Name of scientist
2. Birth year – Death year (if applicable)
3. A brief mention of their most significant contribution in the field of Human Microbiology. (upto 30 words or less)

D. LIST OF IMMUNOLOGY CHARTS

Sr. No.	NAME OF CHARTS – IMMUNOLOGY
1.	BRANCHES OF IMMUNITY
2.	DIFFERENT PHAGOCYTES OF HUMAN BODY
3.	MENOCLOAL ANTIBODY PRODUCTION BY HYDRIDOMA
4.	UNDESIRABLE CONSEQUENCES OF IMMUNITY
5.	ANTIGEN AND ANTIBODY AFFINITY
6.	INNATE AND ACQUIRED MECHANISMS OF KILLING
7.	ANTIGEN PRESESNTING CELLS
8.	GOOD FIT AND POOR FIT BETWEEN ANTIGEN AND ANTIBODY
9.	COMPLEMENT SYSTEM
10.	IMMUNOGLOBULIN CLASSES
11.	PHAGOCYTOSIS
12.	THE RETICULOENDOTHELIAL SYSTEM
13.	MAJOR LYMPHOID ORGANSAND TISSUES
14.	THE INTERMOLECULAR ATTRACTIVE FORCE BINDING Ag &Ab
15.	COMPLEMENT & ITS ROLE IN ACUTE INFLAMATORY REACTIONS
16.	LYMPHOCYTIC TRAFFIC
17.	ANTIBODY – A FLEXIBLE ADAPTOR
18.	HEMATOPITIC STEM CELLS
19.	OPSONIZATION
20.	IMMUNE SYSTEM IN ACCUTE INFLAMATION

NOTE:

One each of all the above items

All the charts should be provided on a laminated, wall mountable board of size 20"x24". Each should also be accompanied with the following details above the photograph:

"DEPARTMENT OF MICROBIOLOGY, KCGMC KARNAL"

E. LIST OF MYCOLOGY CHARTS

Sr. No.	NAME OF CHART – MYCOLOGY
1.	Candida
2.	Pathogenesis Of Aspergillus
3.	Pathogenesis Of Penicillium
4.	Cryptococcus Neoformans
5.	Mucor
6.	Rhinosporidiosis
7.	A Sexual Reproduction Of Fungus

F. LIST OF VIROLOGY CHARTS

Sr. No.	NAME OF CHARTS – VIROLOGY
1.	REPRODUCTION OF VIRUSES PENETRATION AND UNCOATING
2.	"AIDS" TRANSMISSION
3.	"AIDS" – GENERAL AWARENESS
4.	"HIV" – LIFE CYCLE

NOTE:

One each of all the above items

All the charts should be provided on a laminated, wall mountable board of size 20"x24". Each should also be accompanied with the following details above the photograph:

"DEPARTMENT OF MICROBIOLOGY, KCGMC KARNAL"

G. LIST OF PARASITOLOGY CHARTS

SR. NO.	NAME OF CHART
1.	Life Cycle of Giardia (Lambia)
2.	Life Cycle of Wacherlria Bancrofti
3.	Adult worm of diphyllabothrium latum
4.	Life Cycle of Echinococcus Gramulosus
5.	Life Cycle of Entorbius vermicularis
6.	eggs in the stool of Man
7.	Life Cycle of Fasiola Heapatica
8.	Life Cycle of Taenia solium
9.	Life Cycle of Entamoeba Histolytica
10.	Evolution of Metastatic Amoebiasis
11.	Life Cycle of trichuris Trichiura
12.	Evolutionary Cycle of Dracunculus Medinesis
13.	Life Cycle of Strongyloides Stercoralis
14.	Life Cycle of Malaria Parasite
15.	Life Cycle of Ascaris Lambricoides
16.	Life Cycle of Ancylostoma Duodemale
17.	Life Cycle of taenia Saginata
18.	Life Cycle of Leishmania Donovanii
19.	Malarial Parasite in Peripheral smear- trophozoite and gametocyte (comparative between P.Vivax, P.Malariae, P. Falciparum, P.Ovale)
20.	Cysts in stool
21.	Life Cycle of G. Lamblia
22.	Examination of stool- procedure

NOTE:

One each of all the above items

All the charts should be provided on a laminated, wall mountable board of size 20"x24". Each should also be accompanied with the following details above the photograph:

"DEPARTMENT OF MICROBIOLOGY, KCGMC KARNAL"

H. LIST OF PARASITE SPECIMENS

SR. NO.	NAME OF PARASITE SPECIMENS
1.	LIVER FLUKE
2.	TAPE WORM HEAD
3.	CYSTICERCUS
4.	ASCARIS MALE
5.	ANCYLOSTOMA
6.	MICROFILARIA – MALE
7.	MICROFILARIA – FEMALE
8.	WUCHERIA BANCROFTI – FEMALE
9.	ASCARIS – FEMALE
10.	MITE
11.	WUCHERIA BANCROFTI – MALE
12.	ECHINOCOCCUS
13.	HYDATID CYST
14.	TENIA SOLIUM
15.	ENTROBIOUS VERMICULARIS
16.	STERCORALIS STRONGELARIS
17.	AEDES EGYPTI
18.	MITE
19.	BED BUG
20.	TAPE WORM – ABDOMINAL PORTION
21.	TRICCHINELLA SPIRALIS
22.	MOSQUITO CULEX
23.	TICK
24.	MOSQUITO ANAPHAELUS
25.	TENIA SAGINATA

I. LIST OF ADDITIONAL MUSEUM ARTICLES

Sr. No.	ARTICLE
1.	Membrane Filter
2.	Seitz Filter
3.	Candle Jar
4.	Gaspack Jar
5.	Mcintosh Filter Jar
6.	Mac. Agar
7.	Nutrient Agar
8.	Blood Agar
9.	CLED Media
10.	TSI (KA+H ₂ S)
11.	TSI A/A
12.	TSI K/A
13.	Swab stick
14.	Citrate Positive
15.	TSI Normal
16.	Readymade Swab
17.	LJ Media
18.	Blood culture Bottle
19.	Lofflers Serum Slope
20.	LJ Media
21.	MR test
22.	Oxidase test
23.	PPA test
24.	Semi-solid agar
25.	Latex test Positive

All culture media and biochemical tests should be dummy for museum display. They should have a long shelf life.

Price bid

SI No.	Name of Item	Qty(Nos)	Unit Price(Rs.)	Tax (if any)	Unit Price (Incl. Tax)	Total Price(Incl. Tax) Rs.

We accept all terms and conditions of the above Invitation of Quotation

Authorized signatory
Name , designation and sealed