

INVITATION FOR QUOTATION

HSCC/PUR/KCGMC/Low Value/Medical College Items/2017/MC-Jun (7)

Dated: 06th June, 2017

To

All Bidders

Subject: Invitation for Quotations for supply of Low Value Items for Physiology 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 Physiology
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 Physiology | 32 | 20.06.2017 at 14:00 | 20.06.2017 at 14:30 |

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 PHYSIOLOGY

LIST OF LOW VALUE LABORATORY EQUIPMENTS IN PHYSIOLOGY DEPARTMENT

| Sr. No. | Items | Specification | Quantity |
|---------|---|--|-----------|
| 1. | Olfactometer | For testing olfaction | 01 |
| 2. | Thermoaesthesiometer | HEAT & COLD SPOT HAMMER: double pointed, from stainless steel. | 03 |
| 3. | Muscle Grip for Femur Clamp | Muscle Grip with 6 mm. Dia. stem to fit boss heads. | 01 |
| 4. | Pohls commutator | With spill proof raised borders. | 01 |
| 5. | Venous Pressure Apparatus | Consisting of main console of single channel Physiograph, pressure transducer and Coupler with venous cannula -box of 5, Plain Stand, Fisher Clamp and X-Block for Pressure Transducer. | 02 |
| 6. | Variable Interrupter | The electrically maintained pendulum has its vibrations controlled by a screw. Adjustment possible 4 to 100 contacts per sec. With heavy duty platinum contacts. | 01 |
| 7. | Tuning Fork time marker 100/sec | Electrical N-100 Tuning Fork to work on 4V. DC. | 06 |
| 8. | Conduction Velocity Lever | For nerve conduction experiments in frog. | 01 |
| 9. | Torch | Medium sized with pencil cells | 20 |
| 10. | Surgical Instruments for operative procedures with pulleys. | Artery Forceps Small Size 4"-5" Medium 6" Bull Dog Scissors -Small Fine Point -Both Points Sharp -Both Points End Blunt 12.7cm -Irish Angular Retractor (Small Abdominal) Bone Cutter Pithing Needle Forceps -Toothed -Plain | 3 sets |
| 11. | Pricking Needles 23 G/ Stainless steel Lancet | -- | 1000 |
| 12. | Cedar wood oil | -- | 2 Litres |
| 13. | Small glass bottle with rubber teat end | -- | 50 |
| 14. | Plastic test tube holder | For 20 test tubes | 60 |
| 15. | Glass funnels 60mm, 100mm, 150mm | Borosilicate Glass | 10 each |
| 16. | ECG paper rolls | -- | 20 |
| 17. | Graph paper sheets | A3 size | 200 |
| 18. | Royal blue ink | Non freezing Ink, 500ml bottle | 5 Bottles |
| 19. | Lever for ink writing pen | -- | 70 |
| 20. | Small light bulb | 1.5 Volt, 0.30 Ampere | 200 |
| 21. | Enamel Jar 2 litre | -- | 30 |
| 22. | Tapping key | -- | 55 |
| 23. | Copper wires, cotton insulated | -- | 10 Kgs |

| | | | |
|-----|---|--|----|
| 24. | Lab thermometer | 12 INCH Mercury type | 25 |
| 25. | Needle Destroyer | -- | 2 |
| 26. | Sahli's Haemoglobinometer set | -- | 25 |
| 27. | Haemocytometer set with Improved Neubauer's chamber | Neubauer's blood counting chamber SHOULD BE BRIGHT LINED. | 50 |
| 28. | Low Voltage DC unit | -- | 25 |
| 29. | Mary's Tambour with rubber tubings | -- | 30 |
| 30. | Tuning fork 256 Hz | Should have Solid Metal Base | 15 |

31. Technical Specifications for Animal Simulator-PHYSIOLOGY

- The Product should consists of 35 experiments.
- All updates and additions to be provided free of cost till the end of subscription tenure.
- Unlimited and concurrent Users.
- Access through Offline version (pen-drive) and online version will also be provided.
- Offline Version (pen-drive) shall be installed in computers at no extra cost.
- Inbuilt Tutorial & Exam mode to evaluate the students.
- All Observation Tables, Graphs & Results can be obtained and printouts can be taken.
- Proprietary Certificate, if any, to be provided.
- Training and customer support to be provided at no extra cost.
- Cost towards Subscription Period for 1 Year to be quoted.
- Cost towards next 5 years (Year-wise) to be indicated & to be frozen. Entering into Subscription for subsequent years solely depends on end user & performance of the initial years.

LIST OF PHYSIOLOGY EXPERIMENTS:

| Sl. No | Experiment Name |
|--------|---|
| 1 | Single Muscle Twitch |
| 2 | Effects of Various Strengths of Stimulus on Muscle |
| 3 | Effect of Changes in Temperature on SMT |
| 4 | Effect of Successive Stimuli on Muscle Contraction |
| 5 | Effect of Multiple Stimuli – Treppe, Clonus and Tetanus |
| 6 | Study of Fatigue in Skeletal Muscle |
| 7 | Velocity of Nerve Impulse |
| 8 | Effect of Load on Muscle |
| 9 | Measuring Isometric Contractions in GS Preparation |
| 10 | Study of Amphibian Apparatus |
| 11 | Instruments used in Amphibian Experiments |
| 12 | Preparation of Nerve Muscle |
| 13 | Simple Muscle Twitch |
| 14 | Effect of Temperature on SMT |

| | |
|----|---|
| 15 | Effect of Two Successive Stimuli on SMT |
| 16 | Effect of Increasing Strength of Stimuli on SMT |
| 17 | Genesis of Tetanus |
| 18 | Effect of Load on SMT |
| 19 | Phenomenon of Fatigue |
| 20 | Velocity of Nerve Conduction |
| 21 | Frog Heart Dissection |
| 22 | Normal Cardiogram of Frog |
| 23 | Effect of Temperature on Frog's Cardiogram |
| 24 | Properties of Cardiac Muscle in Beating Heart – 1 |
| 25 | Properties of Cardiac Muscle in Beating Heart – 2 |
| 26 | Recording of Normal Cardiogram |
| 27 | Effect of Temperature on Frog's Heart |
| 28 | Effect of Stannius Ligatures I |
| 29 | Properties of Cardiac Muscle I |
| 30 | Properties of Cardiac Muscle II |
| 31 | Properties of Cardiac Muscle III |
| 32 | Effect of Vagus on Frog's Heart |
| 33 | Effect of Drugs on Vagus |
| 34 | Effect of Ions on Isolated Perfused Frog's Heart |
| 35 | Effect of Drugs on Isolated Perfused Frog's Heart |

32. GLASSWARE:

- BEAKERS
 - 25ML (50 Nos)
 - 50ML (50 Nos)
 - 100ML (200 Nos)
- STAIN BOTTLES 50ML (50 Nos)
- BOTTLE FOR CEDAR WOOD OIL 20ML (100 Nos)
- WATCH GLASS (200 Nos)
- GLASS ROD 12" LENGTH AND 4MM DIAMETER (FOR SLIDE STAINING STAND) (200 Nos)
- GLASS TUBE 8MM BORE AND LENGTH 12" (100 Nos)
- CAPILLARIES 1MM BORE (100 pkts)
- GLASS SLIDE (50 pkts)
- COVER SLIPS (FOR SLIDES) (50 pkts)
- COVER SLIPS (FOR HEMOCYTOMETER) (50 pkts)
- PASTEUR'S PIPETTE (100 Nos)
- TEST TUBES 3", 4", 5" (5 Doz of each size)
- VISCOMETER (25 Nos)
- SLIDE FOR BLOOD GROUP TESTING (100 Nos)

NOTE: All the above items & Quantities under Glassware need to be quoted. The firm shall be **disqualified** if they do not quote any item(s) & quantity in full as indicated above.

a. GLASSWARE DETAILS:

Glassware Quality:

All glassware items are made from borosilicate 3.3 low expansion glass tube.

Salient Features of Glassware Items :

- Uniform wall thickness
- Accuracy in calibration, as per Certificates – A or B types as required
- Thermal shock resistant
- Enhanced Mechanical Strength
- Chemically resistant to attack from acids organic solvent.

Certifications :

Principal Manufacturer should have valid NABL, CE, GMP, ISO 9001 and ISO 13000 quality Certificates.

The Glassware should of any of the following makes only:

1. Borosil
2. Pyrex
3. Fisher
4. Corning