

STATE HEALTH SOCIETY, NRHM - HARYANA

Through

United Nations Development Programme

55 Lodi Estate, New Delhi-110 003

INTERNATIONAL COMPETITIVE BIDDING FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF MEDICAL EQUIPMENT FOR MEDICAL COLLEGES OF THE GOVERNMENT OF HARYANA

ITB No. UNDP-HAR-15-2014

Amendment - 2 dated 29th October, 2014

The following amendments are hereby made to the bid document for the Supply of Medical Equipment for Medical Colleges of the Government of Haryana, with reference to above ITB:

A. BID DOCUMENT REFERENCE : Wherever appearing in the bid document and subsequent amendments; the time, date and venue for receiving/opening of bids shall be read as:	
Last Time, Date and Place of Receiving of Bids:	1000 Hrs. (IST) on November 04, 2014 at Gate No. 5 (<u>Only</u>), United Nations Development Programme (UNDP), 55, Lodi Estate, New Delhi-110003.
Time, Date and Place of Bid Opening :	1100 Hrs. (IST) on November 04, 2014 at Committee Room, United Nations Development Programme (UNDP), 55, Lodi Estate, New Delhi-110003.
B. BID DOCUMENT REFERENCE : Section 3 a : Schedule of Requirement and Technical Specification; & Section 7 : Price Schedule Form	
Section 3a : Schedule of Requirement and Technical Specification (Page No. 26 to 47 of Bid Document); & Section 7 : Price Schedule Form (Page No. 63 to 66 of Bid Document) are replaced by the following : See Annexure below.	

All other terms and conditions of the bid document, except as amended herein above, remain unaltered.

United Nations Development Programme, 55, Lodi Estate, New Delhi - 110 003.

Tel: 91 11 2462 8877; Email : procurement.dsc@undp.org

ANNEXURE

Section 3a: Schedule of Requirements and Technical Specifications

List of Goods and Consignee-Wise Distribution

Anesthesia

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
1	CRRT	1	24,000	400	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana

Surgery

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
2	100 Watt Laser Machine	1	3,60,000	6,000	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana

Obst. & Gyane.

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
3	IUI Equipment	1	48,000	800	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana

Ortho.

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
4	Screw Removal Set	2	36,000	600	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana
		1			S.H.K.M. Govt. Medical College, Nalhar (Mewat), Haryana

Blood Bank

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
5	Gel Card Centrifuge and Incubator	1	48,000	800	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana

Forensic Medicine

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
6	Autopsy Saw with Vacuum Dust Collector	2	18,000	300	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana
		3			S.H.K.M. Govt. Medical College, Nalhar (Mewat), Haryana

Blood Bank

Sch. No.	Description of Goods	Quantity (In Nos.)	Bid Security (in INR)	Bid Security (in USD)	Consignee
7	Water Distillation Plant	2	6,000	100	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana
		2			S.H.K.M. Govt. Medical College, Nalhar (Mewat), Haryana
8	Serological Water Bath	1	6,000	100	B.P.S. Govt. Medical College for Women, Khanpur Kalan, (Sonapat), Haryana
		1			S.H.K.M. Govt. Medical College, Nalhar (Mewat), Haryana

- i. Delivery to all Consignee** (see Consignee Wise Distribution above) **within 75 days from the date of issue of the Purchase Order-Contract.**

ii. Installation, Training & Commissioning:

Satisfactory Installation, Training (Paramedics and end-users on proper usage of equipment and maintenance) and Commissioning of the equipment at each Consignee (see Consignee Wise Distribution above) within **30 days** from the respective dates of delivery of the goods.

Supplier should provide onsite training, monitor effectiveness of training and take corrective actions as and when required by the Medical College/end user during the warranty period after the installation of the equipment.

The successful bidder will have to set up service centre in Delhi or NCR and submit proper document in support within 15 days of receipt of PO-Contract.

NOTE:

- a) The responsibility of obtaining all required documents, including Custom clearance (if applicable), Road Permits etc. is of the Supplier.
- b) The Consignee Receipt Certificate (CRC) will be issued to the Supplier within 72 hours of the delivery at the Consignee address.
- c) While installation/training at the designated site/location and commissioning will be the responsibility of the supplier, basic readiness of the site enabling such installation/training will be the responsibility of the consignee.
- d) Liquidated Damages (LD) will be calculated separately on: (1) delay in the delivery of the Goods to the consignees; and (2) delay in installation, training & commissioning, attributable to the supplier, *and not for reasons attributable to the consignee.*
- e) With regard to charge of liquidated damages (LD) for delay in delivery of goods, the onus of proof will be on the supplier for establishing that delays were not due to reasons attributable to him, whereas in post-delivery installation in case of delay, assumption of non-readiness of site at consignee locations shall ordinarily prevail unless there is specific evidence /information / material to the contrary.

Technical Specifications

General (For All Schedules 1 to 8)

- (1) Unless specifically stated otherwise in the Technical Specifications, **all offers should include Warranty for 2 (two) years.**
- (2) **The offered Warranty includes** the cost of labour for all repairs; all spares & accessories required for replacement during repairs which forms part of the equipment system, without which it cannot perform satisfactorily. Also *Reusable consumables* should last during the warranty period. In case any additional *reusable consumables* are required during the warranty period those will be supplied free of charge by the supplier. The cost of consumables for warranty period is to be provided. The same will be freeze for the warranty period.
- (3) **CMC : Unless specifically stated otherwise in the Technical Specifications, the CMC period is 5 (five) years after completion of warranty period.** The prices for CMC shall be quoted, at the time of tendering, in the Price Schedule Form (Section 7). The Prices of CMC shall be considered for the evaluation purpose.
- (4) **The offered CMC includes** the cost of labour for all repairs; all spares & accessories required for replacement during repairs which forms part of the equipment system, without which it cannot perform satisfactorily. *The cost of reusable consumables and consumables for CMC period is to be provided.* The same will be freeze for CMC period.
- (5) **Product Catalogue :** Offered product catalogue to be attached in original (2 in nos.). *Provide the confirmations of technical specifications with relevant mention of the same in original product catalogue or any other substantial document in respect of quoted product.*
- (6) Unless specifically stated otherwise in the Technical Specifications, the product quality requirement in this tender will be **CE ("Conformité Européene") or US FDA.**
- (7) Manufacturer/Supplier should have ISO certification for quality standards.
- (8) Unless specifically stated otherwise in the Technical Specifications, all offers should include **UPS unit or battery backup of at least one hour, as the case may be,** with each equipment. It's warranty /guarantee should be along with the main machine and the responsibility of the vendor.

- (9) Attach valid quality certification document(s); no self-certifications admissible.
- (10) **Company should have local service facility.** The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
- (11) **One DVD of demonstration video must be supplied with the equipment for end users.**
- (12) **Documentation :**
 - 12.1 User, Technical & maintenance manuals to be supplied in English.
 - 12.2 Certificate of calibration and inspection from factory.
 - 12.3 List of equipment available for providing calibration and routine Maintenance Support as per manufacturer documentation in service/technical manual.
 - 12.4 Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
- (13) Any reference to brand of technology/ product, in case it occurs anywhere in the technical specification is purely for indicative/illustrative purposes and should be read as including its equivalent.
- (14) As part of the technical evaluation of bids, functional demonstration of offered equipment model may be called, but the result/outcome thereof shall not be taken as the sole or conclusive evidence of qualification of the bid. Further, all expenses and risks related to such demonstration shall be borne by the bidder.

Functional demonstration of the equipment is at the discretion of the Bid Evaluation Committee and its input shall be treated as supplementary / corroborative in nature and will not be a substitute for technical evaluation of the document submitted along with the bid.

ANESTHESIA

Schedule No. 1

CRRT

1. Should have facility for slow extended dialysis, hemofiltration and hemodiafiltration
2. Should be easily transportable and mounted on sturdy lockable caster wheels.
3. Machine should have two bacterial filters one at water inlet and one before water going to dialyser
4. Battery back-up for at least 30 minutes to run complete machine with heater supply
5. Dialysate temperatures selectable between 35 degrees C to 39 deg. C
6. Variable conductivity setting between 12 to 15
7. Should have variable dialysate flow 50-800 ml/mt
8. Should have facility to show trends curve of all parameter for 15-20 minutes
9. Heparin pump with syringe sizes up to 50 ml with pump flow rate from 1-10 ml/hr(0.1 ml increments)
10. Treatment parameter should be displayed by graph and digitally
11. Should have integrated heat (800C) and chemical disinfection facility.
12. Should have accurate feedback control conductivity mixing technique.
13. Should have drain facility.
14. Should have accurate UF control by flow measurement technique.
15. Should have facility for using bicarbonate cartridge and blood volume sensor(essential), and monitoring solute clearance (optional)
16. Also quote for a single-station water treatment compatible with the machine.
17. All important data should be preset so that machine can be used anytime without feeding data every time
18. Should have automatic self test facility
19. Should have auto ON/OFF Facility

20. Should have touch button screen
21. Easy to service, troubleshoot and calibrate
22. Machine can be connected to computer to feed all data and trouble shoot whenever any problem
23. Blood pump rate from 0-500 ml/min adaptable to all standard A-V blood lines
24. Ability to monitor pulse rate and NIBP with graphic and tabulated trends.
25. Audio visual alarms on limit violation of conductivity, blood leak, air leak, transmembrane pressure alarms,, Dialysis temperature alarm, dialysis can empty alarm, end of disinfection alarm, bypass alarm and blood pump stop alarm
26. Alarm for reverse Ultra filtration.
27. All consumables required for installation and standardization of system to be given free of cost.
28. To be supplied free of cost : 100 polysulfone 1 m2 dialyzers and tubings
29. Should come with a computer (Apple Macintosh iMac 2.0 GHZ, 4 MB L2 Cache, 1 GB RAM, 320 GB HDD 20" TFT display along with all standard features an peripherals, and preloaded Leopard OS and iwork '08).
30. The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90%
31. The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%
32. Power input to be 220-240VAC, 50Hz fitted with Indian plug
33. UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up.
34. Shall comply with IEC 60601-2-16 SAFETY requirements of medical electric equipment part2- particular requirements for the safety of Hamodialysis equipment.

SURGERY

Schedule No. 2

100 Watt Laser Machine

1. It should be able to Enucleate, Vaporize and Resect circulated adenoma tissue in BPH treatment of any size.
2. It should be able to fragment calculi of any size in the bladder, ureter or kidney and any impacted stone fragment.
3. It should be able to ablate superficial bladder tumors, urethral & ureteral tumors.
4. It should be able to treat invasive bladder carcinoma & condylomas and lesions of the external genitalia.
5. It should have power output of 100watts.
6. It should have at least two Laser Generators.
7. It should have repetition rate of 5-50Hz.
8. It should have Energy per Pulse of 0.2 - 3.5 Joules.
9. It should have pulse duration upto 500 microseconds.
10. It should have Red aiming beam of 2.5mw at 650nm, 3 intensity settings.
11. It should have a Touch Screen Colour Display and should rotate 360 Degrees.
12. It should have a closed loop, self-contained water to air exchanger cooling system.
13. It should be useable with single phase 230V AC 50/60Hz, 30Amp's Power Supply.
14. It should have Universal Cysto Nephroscope of length 25cm and size 26-27 Fr.

It should be supplied with following accessories:	
• 550 Micron Reusable, Flexible Fiber	2
• 365 Micron Reusable, Flexible Fiber	2
• 200 micron Reusable, Flexible Fiber	2
• 550 Micron Side Fire Fiber for Ablation	2
• 550 Micron Stripping and cleaving (set)	1
• 365 Micron Stripping and cleaving (set)	1

• 200 Micron Stripping and cleaving (set)	1
• Fibre Inspection Scope	1
• Ceramic Scissors	1
• Laser Safety Goggles	2
• Laser Safety Glasses	3

Warranty for 2 years, followed by CMC for 5 years
<ul style="list-style-type: none"> It should have Tissue Morcellator: <p>The Tissue Morcellator should provide rapid endoscopic removal of soft tissue.</p>
Tissue Morcellator should include:
<ul style="list-style-type: none"> One control box,
<ul style="list-style-type: none"> One hand piece,
<ul style="list-style-type: none"> Two blade sets: Outer Blade – Outer Dia 0.47cm/length 39.5cm) Inner Blade – Outer Dia 0.39cm/ Length 51.25cm
<ul style="list-style-type: none"> Two pieces of sterile tubing,
<ul style="list-style-type: none"> One sterilization tray
<ul style="list-style-type: none"> One package each of 3 long cleaning brushes, 3 short cleaning brushes, and 3 endoscope adaptors.
<ul style="list-style-type: none"> It is to be used with Morcellator under vision. Outer sheath for Morcelloscope size around 26.5 Fr. Inner sheath with rotatable irrigation & suction taps – size – around 23.5 Fr. Obturator for above. Telescope with parallel eye-view around 12 degree with irrigation tap.
ACCESSORIES FOR LASER – (LASER CYSTOSCOPE AND RESECTOSCOPE WITH TELESCOPE)

Sl. No.	DESCRIPTION OF ITEM	QUANTITY
1	Resectoscope Sheath including connecting tubes for in- and outflow, 26 Fr., oblique beak, fixed inner tube with ceramic insulation.	1
2	Inner Sheath , without ceramic insulation, with guiding device for LASER probes up to 1.6 mm, for use with Resectoscope Sheath	2

3	Deflecting Obturator, for use with sheaths 26Fr.	1
4	Telescope bridge, with channel for instruments 5 Fr.	1
5	LASER Working element, for use with resectoscope sheaths 26 Fr& laser probes up to 1.5 mm	1
6	LASER Telescope Bridge, with channel for LASER probes up to 7 Fr., for use with resectoscope sheaths 26Fr and 30 degree Telescopes. 4mm.	1
7	LASER Cystoscope-Urethroscope Sheath, 23 Fr., with continuous flow, with working channel 7.5 Fr., for use with 30 degree Telescope, size 4mm.	1
8	Visual Obturator, for use with outer sheath	1
9	Adaptor for fixation and displacement of laser fibres, for use with Continuous-Flow LASER- Cystoscope	1
10	Forward Oblique- Telescope 30°, enlarged view, ø 4 mm, autoclavable, fiber optic light transmission incorporated, for use with Resectoscope sheath and Laser cystoscope sheath	2
11	Offered product should be CE/US FDA/BIS approved.	

Warranty for 2 years and CMC for next 5 years.

Schedule No. 3

IUI Equipment

Intrauterine Insemination Equipment:

a) Trinocular Research Microscope (1 number)

- ☐ High quality research microscope
- ☐ Mechanical Tube Length 160 mm.
- ☐ Negative phase contrast condenser
- ☐ objectives 10X, 20X, 40X & 100X, with anti fungal treatment.
- ☐ 45° inclined with 360° Rota table Trinocular head.
- ☐ Camera port ready (can be connected with a PC / monitor)
- ☐ Camera should be of high resolution CCD camera
- ☐ Co- axial built in Mechanical stage 125 x 150 mm with fine vernier graduation, designed with convenient coaxial adjustment on ball bearing guide ways for smooth slide manipulation through 50 x 70 mm.
- ☐ Dust proof Quadraple ball bearing revolving nose piece with positive click stops. Co-axial course & fine focusing adjustment knobs. Fine motion graduated to .002 mm. Sub stage abbe type N.A. 1.25 condenser focusable with rack & pinion, continuously variable iris diaphragm with built in swing out filter holder. Heavy rectangular sturdy base, with built in illumination 6V – 20W halogen lamp/LED. With dust proof cover packed in Styrofoam packing.
- ☐ TFT monitor : should be of 17" monitor

b) Centrifuge Machine (1 number)

- ☐ Maximum speed of 4000 rpm
- ☐ It has swing out head with 8X15 ml tubes with digital speedometer and timer

c) Test Tube Warmer (1 number)

- ☐ Fully S.S with autotuned microprocessor based temperature controller, temperature accuracy+/- 0.2°c with 3 anodized aluminium blocks.

d) Laminar Air Flow (1 number)

- ☐ 99.97% filtration efficiency
- ☐ Class 100 environment, fully operated inn plc with touch TFT display
- ☐ Table top stainless steel

- ☐ Main frame circa power coated mild steel or wooden frame cover with industrial laminated sheet
 - ☐ Washable prefilter 0.5 micron and high technology HEPA filter
- 2'X2'X 2' with S.S. top , horizontal/ vertical, 0.33 microns HEPA filters, UV LIGHT

e) Makler Sperm Counting Chamber (1 number)

- ☐ A High Effective Sperm Banking Chamber
- ☐ With 99% Accuracy for pre and post wash semen shallowest chamber with 10 micro depth

f) Showcase cooler (upright showcase coolers) with temperature indicator (1 number)

1. Capacity -110 liter
2. Dimension W-20,D-23,H-34
3. Temperature range 0-100C
4. No defrost

g) CO2 Incubator (1 number)

1. Capacity should be 150 to 170 litre, non-corrosive SS construction.
2. Should have rapid recovery system to maintain the temperature during transfer of petri dishes.
3. Should be designed to provide optimal growth conditions, delivering superior parameter recovery rates that enhance cell growth.
4. Should have 3 inner doors.
5. Visibility to changes in culture environment.
6. Should have rapid humidity recovery and moist heat decontamination for eliminating bacteria, moulds, fungal spores and mycoplasma.
7. Comprehensive alarm system.
8. Should have filters to supply clean gas and shall remove Volatile Organic Contaminants (VOC), Chemical Air Contaminants (CAC)
9. Should be LEEC/HERACELL/Heal Force/ equivalent make

h) Consumables for IUI

1. Vaginal Speculum (50 numbers)
Made of clear, crystal polystyrene with a central self-locking push button
2. Centrifuge Tubes (100 numbers)
15ml conical centrifuge tubes with PP crystal clear tube and leak proof PS screw cap
3. Semen Collection Container (100 numbers)
 - ☐ Plastic disposables 60 ml,100ml size
 - ☐ With PP crystal clear container & leak proof PS screw cap.
 - ☐ Material is non-toxic with Sperm Survival & Endotoxins Test Lab report.

4. IUI Catheters (50 numbers)
 - ☐ With rounded tip to ease insertion with front end
 - ☐ Flexible
 - ☐ Non Traumatic
 - ☐ Lateral opening
 - ☐ Bilateral smooth side eye aid dispersion of sperm and prevent contamination and blockage during insertion
 - ☐ Size 65mm,110mm,170mm

5. Pasteur's Pipette (100 numbers)
Plastic disposable for handling semen sample and tissue culture media

6. Sperm Washing Medium (3 Vials of 100 mm each)
 - ☐ Composition - 1-Human tubal fluid including
HSA, pyruvate, hepes, phenolred, sodiumbicarbonate and gentamicin(10 microgram/ml)
 - ☐ Quality Control
 - pH-7.4+/- 0.2(37'C,5%CO2)
 - Osmolality-285+/-10mosm/kg
 - should be manufacture under sterile condition
 - Shelf Life -minimum one year from production date

7. Sperm Density gradient (3 Vials of 100 mm each)
40/80 (ready diluted) or sperm density gradient 100
 - ☐ Bicarbonate and HEPES buffered medium containing silane- coated, colloid silica particles
 - Shelf Life - minimum one year from production date

8. Micropipette (05 numbers)
Reusable for sperm handling process.

9. Disposable micropipette tip (200 nos.)
Disposable to use during sperm processing along with micropipettes

Ortho

Schedule No. 4

Screw Removal Set

1.	Aluminium cases, white, small, perforated, without content	1
2.	Hollow reamer for 3.5/4.0 mm screw	1
3.	Spare reamer Tube for 3.5/4.0 mm	1
4.	Extraction Bolt for 3.5/4.0 mm	1
5.	Extraction screws, conical for 2.7mm,3.5mm, and 4.5mm screws	1
6.	Hollow Reamer for 4.5mm screws	1
7.	Spare reamer Tube for 4.5	1
8.	Extraction bolt for 4.5mm screws	1
9.	Extraction screw conical for 4.5/6.5 mm screws	1
10.	Hollow reamer for 5.0/6.0/6.5/7.0 mm screws	1
11.	Spare reamer tube for 5.0/6.0/7.0 mm	1
12.	Extraction bolt for 5.0/6.0/6.5/7.0 mm screws	1
13.	Aluminium Plate, anodized	1
14.	Sharp hook, L 155 mm	1
15.	Forceps for screw removal, L 205 mm	1
16.	Gauge 10mm wide length approx. 200mm	1
17.	T-handle with quick coupling for attachment of extraction instruments, L-80 mm	1

Blood Bank

Schedule No. 5

Gel Card Centrifuge and Incubator

Gel Card Centrifuge

Manual Card centrifuge should be able to perform centrifugation of all the tests for Cross Matching on coombs and enzyme phase to pick both IgG & IgM Antibodies, Blood Grouping based on Gel technology.

Centrifuge head should accommodate minimum 10-12 Cards having tube Shape.

Rpm, time and function should be displayed (LCD) languages including English.

Centrifuge should be microprocessor controlled.

Equipment should have automatic balance control of the centrifuge head.

Speed of centrifuge should be 1035 ± 5 rpm.

RCF (Relative centrifugal force) of centrifuge should be $85 \pm 1g$.

Power/ Frequency- 110V-240V/ 50-60Hz.

Centrifuging time should be prefixed for 10-15 minutes.

System should open automatically door lock assembly after end of the process.

Instrument should be able to perform specialised tests like Partial RhD testing,

Single Rare antigens.

The company should have the following combinations of cards/Reagents:

LISS/Coombs cards with 6 - 8 bottom shaped micro tubes containing polyspecific AHG (rabbit anti-IgG, monoclonal anti-C3d) for Coombs Cross-match, IAT, DAT(DCT,ICT) based on Gel technology.

The technology should not have any washing step and should avoid non specific results.

The technology should pick up both IgG & IgM antibodies.

Gel based Monospecific DAT to pick up IgG, IgA, IgM, C3c, C3d on the red cells. Gel based Rare Antigen cards (complete profile as well as single antigen cards).

Gel based Forward/Reverse Blood grouping cards with 6 'V' shaped bottom tubes .

The company should offer complete panel of ready to use liquid red cell reagents for antibody screening & identification, including the Anti-D prophylaxis panel for Rh negatives.

The company should offer Anti-D Reference reagent for quality control of Coombs Card

The company should offer third party Quality Control reagents for QC of Gel cards.

Elution kit for eluting the auto antibodies attached to RBCs.

The extended antisera for finding the partial RhD.

Gel Card Incubator

Instrument should be able to incubate the ID Gel Cards at 37°C.

Capacity of Incubator should be of accommodating of one Centrifuge head (6 or 12 or 24 Cards) or 3-4 Card racks.

Should be microprocessor controlled.

Should be individual timers for 3 Separate Batches.

Temperature should be fixed at 37°C ($\pm 1^\circ\text{C}$).

Should be compatible for the incubation time set up from 1min to 99min.

Bench top model.

Time and temperature are displayed (LCD) Languages including English.

Power/Frequency- 110-240V/ 50-60Hz

FORENSIC

Schedule No. 6

Autopsy Saw with Vacuum Dust Collector

1. Strong Motor with at least 13,000 RPM
2. 15000-16000 Oscillations/out of blade
3. Motor and hand piece should be integrated
4. Motor is to be provided with long service cord with plug
5. Hand piece should stay cool during operation
6. Easily detachable blades -autoclavable.
7. Suitable wrench to remove blades
8. Each unit should contains : Round Blade (2), Section blade (2), arbor (1) Set of 3 blades which should cover all the applications of autopsy.
9. Should come with vacuum bone dust collector
10. Should be supplied with easily available disposable bone dust bags
11. Should work on electric supply of 220-230 V 50 Hz AC
12. Suction system should be of reputed / standard company of international standard.

Blood Bank

Schedule No. 7

Water Distillation Plant

1. Complete unit made in stainless steel., Constant level arrangement for inlet water, Wall hanging model, provided with MS Bracket for wall mounting, Boiling Chamber, Lid, Cooling Condenser and any other part coming into contact with water / steam should be made of 304 quality stainless steel.
2. 'Heating is achieved with kettle type immersion heaters (two)', should work on 220/440 volts, AC Mains, capacity of the plant should be 3 liters (approx.) per hour, should be provided with necessary safety features such as automatic disconnection of heater connections should the still run dry.
3. Equipment quoted should comply with Indian Standards Institutions Guidelines or any other National or International Guidelines.
4. Voltage regulator of appropriate rating to be included to cope with 160-260 V.

Schedule No. 8

Serological Water Bath

1 Description of Function

- | | |
|-----|--|
| 1.1 | Water bath maintains a constant preset temperature for treating samples. |
|-----|--|

2 Operational Requirements

- | | |
|-----|--|
| 2.1 | General purpose water bath is required |
|-----|--|

3 Technical Specifications

- | | |
|-----|---|
| 3.1 | Small (app dimensions 40-45X 35-40X20-25 cms) light, stainless steel body |
| 3.2 | Microprocessor controlled programmable, digital display for temperature etc |
| 3.3 | Temp. Range: 0°C to 56°C. |
| 3.4 | Should have a stirrer for circulation |
| 3.5 | Bath Capacity: 8-10 litres. |
| 3.6 | Should be easily cleanable as needs to be cleaned on daily basis |

4 Power Supply

- | | |
|-----|--|
| 4.1 | Power input to be 220-240VAC, 50Hz fitted with Indian plug |
| 4.2 | Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.(Input 160-260 V and output 220-240 V and 50 Hz) |

5 Standards and Safety

- | | |
|-----|--|
| 5.1 | Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450 |
|-----|--|

Section 7: Price Schedule Form¹

The Bidder is required to prepare the Price Schedule as indicated in the Instruction to Bidders. The Bidders are requested to provide the **cost of the goods** (*inclusive of all tax/duty*) for each Schedule quoted in the following format.

SCH. NO. (a)	BRIEF DESCRIPTION OF GOODS (b)	QTY. (in nos.) (c)	MAKE/MODEL NO. & COUNTRY OF ORIGIN (d)	CURRENCY (e)	UNIT PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (f)	TOTAL PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (g) = (c) x (f)
1	CRRT	1				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
2	100 Watt Laser Machine	1				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
3	IUI Equipment	1				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					

¹ No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Bid.

SCH. NO. (a)	BRIEF DESCRIPTION OF GOODS (b)	QTY. (in nos.) (c)	MAKE/MODEL NO. & COUNTRY OF ORIGIN (d)	CURRENCY (e)	UNIT PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (f)	TOTAL PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (g) = (c) x (f)
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
4	Screw Removal Set	3				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
5	Gel Card Centrifuge and Incubator	1				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
6	Autopsy Saw with Vacuum Dust Collector	5				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
7	Water Distillation Plant	4				

SCH. NO. (a)	BRIEF DESCRIPTION OF GOODS (b)	QTY. (in nos.) (c)	MAKE/MODEL NO. & COUNTRY OF ORIGIN (d)	CURRENCY (e)	UNIT PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (f)	TOTAL PRICE DDP* (Incoterm 2010) FINAL DESTINATION (all inclusive) (g) = (c) x (f)
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					
8	Serological Water Bath	2				
	CMC Charges for Year1 after completion of two year warranty					
	CMC Charges for Year2 after completion of two year warranty					
	CMC Charges for Year3 after completion of two year warranty					
	CMC Charges for Year4 after completion of two year warranty					
	CMC Charges for Year5 after completion of two year warranty					

* DDP Price final destination shall include the entire cost incidental to delivery at final destination inclusive of all duties & taxes to be paid.

- There shall be no exemption from any applicable tax or duty;

* DDP Price of the above equipment shall include Supply, Installation, Training, Commissioning and warranty of the Equipment.

NOTE : The following points with regard to consumables should be noted while bidding for the schedule:-

1. Reusable consumables should last during the warranty period.
2. In case any additional reusable consumables are required during the warranty period those will be supplied free of charge by the supplier.
3. The life expectancy of the reusable consumable is expected to be of at least one year from the date of purchase of the same.
The reusable consumables will be procured at the prices accepted as per the contract during CMC period.
4. The price (excluding CMC) quoted in one schedule should be in one currency only.
5. If CMC column is left blank, then it will be assumed that the CMC is free of cost.

BIDDER'S DISCOUNT FOR ACCELERATED PAYMENT : ____% of total firm price for each calendar day less than thirty (30) days

BIDDER'S SIGNATURE AND CONFIRMATION OF THE ITB

PROVIDED THAT A PURCHASE ORDER IS ISSUED BY UNDP **WITHIN THE REQUIRED BID VALIDITY PERIOD** , THE UNDERSIGNED HEREBY COMMITS, SUBJECT TO THE TERMS OF SUCH PURCHASE ORDER, TO FURNISH ANY OR ALL ITEMS AT THE PRICES OFFERED AND TO DELIVER SAME TO THE DESIGNATED POINT(S) WITHIN THE DELIVERY TIME STATED IN SCHEDULE OF REQUIREMENT.

Exact name and address of company

COMPANY NAME_____

ADDRESS_____

PHONE NO. _____ FAX NO. _____

EMAIL ADDRESS OF CONTACT PERSON_____

OTHER EMAIL ADDRESSES_____

AUTHORIZED SIGNATURE

DATE

NAME OF AUTHORIZED SIGNATORY (TYPE OR PRINT)

FUNCTIONAL TITLE OF SIGNATORY

WEB SITE_____