

**NO.D.12019/9/2016 - DHME(PRO)
GOVERNMENT OF MIZORAM
DIRECTORATE OF HOSPITAL & MEDICAL EDUCATION**

Dated Aizawl, the 23rd November, 2016

CORRIGENDUM

In partial modification of this Department tender for Purchase of Hospital Equipment/Instruments for Mizoram Institute of Medical & Educational Research (MIMER), Falkawn, Mizoram issued vide No.A.17014/1/2012-HFW dt. 26/10/2016 is hereby revised and issued fresh terms and conditions and list of items to replace and supersede the previous notice.

***In case of Dressing Materials and Nursing & Dispensing items,
Sample for all items shall be submitted along with quotation.***

**Sd/-Dr. T. LALHMANGAIHI
Joint Director
for Director of Hospital & Medical Education
Mizoram : Aizawl**

**NOA.17014/1/2012-HFW
GOVERNMENT OF MIZORAM
HEALTH & FAMILY WELFARE DEPARTMENT**

Dated Aizawl, the 26th Oct, 2016

TENDER NOTICE

Sealed Tenders are hereby invited on behalf of the Governor of Mizoram from reputed and bonafide Manufacturers or their authorized dealers, for **Purchase of Hospital Equipments/Instruments for Mizoram Institute of Medical & Educational Research (MIMER), Falkawn, Mizoram** which will be received by the Director, Hospital & Medical Education, Dinthar, Aizawl on or before **28.11.2016 upto 1:00 PM** under the terms and conditions laid down below. Quotations are to be opened by Director, Hospital & Medical Education or his authorized representatives at **1:30 PM** on the same day. The Tenderers or their representatives may also be present at the time of opening of the Quotations, if they so desire.

TERMS & CONDITIONS

1. Tenders submitted by Authorized dealers should attach certificate of Authorization or Distributorship or Dealership as the case may be from the concerned Manufacturers duly attested by a Gazetted Officer or Notary. Original Certificates should be produced at the time of opening, if demanded.
2. Tender should be accompanied by ***Earnest Money 2% in case of Tribal tenderer and 3% in case of non-tribal to the quoted amount*** in the form of Deposit at Call/Fixed Deposit in original at the Bank from any Nationalized Bank of India or Postal Saving Certificate duly pledged in favor of Director, Hospital & Medical Education, Mizoram ***duly signed and stamped by the tenderer at the back side of the draft/deposit.***
3. All the tender papers should be numbered and maintained page index at the front page of tender document.
4. Tenders should be submitted in 2 copies marked "Original" and "Duplicate." The cover of the tenders should be superscribed as "**Tender for Purchase of Hospital Equipments/Instruments for Mizoram Institute of Medical & Educational Research (MIMER), Falkawn, Mizoram**" addressed to Director, Hospital & Medical Education, Dinthar, Aizawl and should clearly indicate full postal address of the tenderer.
5. **a)** Quoted rates in terms of Indian Rupees will be considered inclusive of all taxes and duties including ***Mizoram Value added Tax (MVAT) @ 5% / Mizoram Entry Tax (MET) @ 2%***. If there are more than one brand, the separate rates for such brands with specific details should also be mentioned.

- b)** All pages of the tender papers should be printed, signed, stamped and dated; hand written quotations shall not be entertained. Any page or pages not signed, stamped and dated will be marked violated clause at the time of opening of tender. Corrections, if any, should be initialed, stamped and dated.
6. Tenderers must enclose detail specifications of the Instruments. They must also enclose relevant documents including catalogue/literature of the quoted items.
 7. Tenders should be submitted in the prescribed form only in both soft and hard copy.
 8. Tender must be accompanied by the following documents –
 - a) Original Tax Clearance Certificate** issued by concerned Department.
 - b) Photo copy of MVAT Registration Certificate** duly attested by a Gazetted Officer (for Tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/ quotations, if demanded.
 - c) Photo copy of Scheduled Tribe Certificate** duly attested by a Gazetted Officer or Notary (for Tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/ quotations, if demanded.
 - d) Photocopy of valid sales Tax/VAT Registration Certificate** duly attested by a Gazetted Officer or Notary (for non-tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/ quotations, if demanded.
 - e) Non- Judicial Adhesive Stamp** worth at least Rs.7.50 should be affixed (for non-tribal tenderer)
 9. The tenderer should submit Notorized Photo copy of ISI certificate/ISO 13485/14001/9001.
 10. Warranty period should be mentioned clearly and availability of After-Sale-Services facilities during warranty period.
 11. Tenderer should quote their rates for F.O.R Destination i.e. State Referral Hospital, Falkawn, Mizoram.
 12. Once the rate is accepted and communicated to the successful firm, the same will remain valid during the validity period of the agreement with the approved supplier. No price escalation will be permissible during the validity period, which is normally for a period of 12 months and is extendable, if mutually agreed upon by both the parties i.e. Director, Hospital & Medical Education and concerned approved supplier, subject to recommendation of the State Purchase Advisory Board or the Departmental Purchase Advisory Board, as the case may be.
 13. A successful firm will have to supply the materials within the period fixed by the Department/Authority. If the supply cannot be made within the stipulated period without any intimation, the Department has the right to cancel the supply order.
 14. A successful firm should furnish Security Deposit of 5% of the value of the supply before issue of supply order in the form of Demand Draft/Fixed Deposit in any Nationalized Bank of India or Postal Saving Certificate, as the case may be, pledged in favor of Director, Hospital & Medical Education,

Government of Mizoram ***duly signed and stamped by the tenderer at the back side of the draft/deposit.***

15. A successful firm should execute an appropriate Deeds of Agreement within 30 days from the date of issue of acceptance of their quoted rates failing which their quoted rate will be treated as invalid.
16. The undersigned shall not be bound to accept the lowest rate or any of the tenders and reserves the right to accept or reject any tenders without assigning any reasons thereof.
17. Late/delayed tenders will not be entertained. Certificates other than those stated in the above clauses should not be attached. Any other/further clarifications in connection with submission of the tender may be made from the office of Director, Hospital & Medical Education, Mizoram during office hours on all working days.
18. In case of any legal disputes/litigations arising out of this Tender Notice or its terms, the Courts of Law at Aizawl only shall have jurisdiction to adjudicate the same.
19. All payments will be made only after the materials are received in full and in good condition and after completion of the installation and satisfactory commissioning.
20. Firms or individuals who attempt to negotiate/campaign, direct or indirect, on the part of tender with the authority to whom he has submitted the Tender or the authority who is competent to accept, shall be excluded from consideration, if proved.

Sd/- LALRINLIANA FANAI
Commr. & Secretary to the Government of Mizoram,
Health & Family Welfare Department.

Memo No.A.17014/1/2012-HFW : Dated Aizawl, the 26th Oct,
2016

Copy to :

1. P.S to Minister, H & F W Deptt., for favour of information.
2. The Principal Director, H & FW Deptt., Mizoram for kind information
3. The Director, Hospital & Medical Education, Mizoram, Aizawl.
4. The Director of Health Services, Mizoram
5. The Dy. Director, Health Services, Central Medical Store, Aizawl
6. Guard file.

Sd/-LALSANGPUII HMAR
Under Secretary to the Govt. of Mizoram,
Health & Family Welfare Department,
Mizoram : Aizawl.

No.G.17014/1/2012-HFW
GOVERNMENT OF MIZORAM
HEALTH & FAMILY WELFARE DEPARTMENT



EXTENSION OF TENDER NOTICE

Dated Aizawl, the 18th Nov., 2016.

The last date for submission of sealed Tenders for Purchase of Hospital Equipments/Instruments for Mizoram Institute of Medical Education and Research (MIMER), Falkawn, Mizoram is extended to 15th December 2016 upto 1:30 P.M. and will be opened on the same day at 2:30 P.M.

Sd/- LALRINLIANA FANAI
Commr. & Secretary to the Government of Mizoram
Health & Family Welfare Department.

Memo No.G.17014/1/2012-HFW : Dated Aizawl, the 18th Nov., 2016.
Copy to :-

1. P.S. to Minister, Health & Family Welfare Deptt. for favour of information.
2. Principal Director, Health & Family Welfare.
3. The Director, Hospital & Medical Education, Mizoram.
4. Nodal Officer, MIMER.
5. The Director, Information & Public Relations Department, Mizoram, Aizawl in 6 copies with a request for publication of the above caption in 1 (one) National Newspaper and 2 (two) Daily Local Newspapers for at least 2 (two) consecutive days. Payment of Advertisement Bill will be done by the Director of Hospital & Medical Education, Mizoram, Aizawl.
6. Guard File.


(LALSANGPUII HMAR)
Under Secretary to the Govt. of Mizoram
Health & Family Welfare Department



**PRESCRIBED FORMAT FOR PURCHASE OF HOSPITAL
EQUIPMENTS/INSTRUMENTS FOR MIMER**

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	DEPARTMENT OF ANATOMY				
1	Table with marble or stainless steel tops 6" x 2" x3"	15			
2	Tables with marble or stainless steel, Half standard size	5			
3	Drill machine	2			
4	Hand saw	3			
5	Band saw for sectioning body and limbs	1			
6	Stools, preferably metal	60			
7	Brain knife	3			
8	Mortuary cooler with arrangement to keep at least 8 bodies or suitable alternative arrangement.	1/2			
9	Plastic tanks for storing soft and dissected parts	10			
10	Trolley Table (Steel, Light)	3			
11	Projectors including overhead projectors	2 + 2			
12	X-ray Viewing lobby	3			
13	Charts	20			
14	Diagrams	20			
15	Models	20			
16	Slides	20			
17	Dissecting instruments	20			
18	Meat cutting machine for thin body sections (trans and vertical) for gross anatomy sectional study	1			
	HISTOLOGY				
19	Microscopes, Monocular	60			
20	Dissection microscope	5			
21	Microtomes, rotary	2			
22	Microtomes, Sledge, large cutting	1			
23	Cabinet for slides (1000)	6			
24	Incubators	1			
25	Paraffin embedding bath	1			
26	Hot plates for flattening sections	2			
27	Hot air cover fro drying slides (450C)	1			
28	Balance Analytical capacity 200 grms. and Sensitivity 1/10 mg.	1			
29	Balance Earanger capacity 6 kilos Sensitivity, 1/5 gram	2			
30	Refrigerators 450 ltrs.	2			
31	Distilled water still menesty type capacity gallon per hour	2			
32	Diamond pencils	4			
33	7 colour marking pencils	2			
	Anatomy Museum				
34	Skeletons articulated set	5			
35	Skeletons Dis-articulated) sets	25			
36	Specimen jars	100			
37	Steel Racks	20			
38	Required Embalming machines for cadavers	2			
39	Computer for keeping student records,	5 sets			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	marks, stores etc.				
	DEPARTMENT OF PHYSIOLOGY				
1	Electric time makers, 100/sec.	6			
2	Tuning fork, time marker, 100/sec.	6			
3	Electrodes, X-blocks, burette clamps, enamel bowls brass uprights, with coarse and fine adjustments basin, spirit lamps, cooper wire (double cotton covered) Kymograph paper etc.	50 each			
4	kymographs-Brodie-Starling complete with respiration pump, motor time marker manometer etc.	50 each			
5	Operation table Volume recorders	6			
6	Dale's bath for internal organ	15			
7	Isolated Organs. Bath for students complete with liver etc.	25			
8	Animal Weighing Machine, for small and big animals (for each)	1			
9	Mary's Tambour	20			
10	Venus and arterial canula (different sizes) (each)	12			
11	Smoking outfit, with fume cupboard	1			
12	Varnishing outfit, for long and short papers	1			
13	Anaesthesia boxes	2			
14	Surgical instruments for operative procedures, syringes, pulleys	20 each			
15	(c) HUMAN AND OTHER EXPERIMENTS:				
16	Microscopes, Oil immersion	3			
17	Demonstrations eye piece	3			
18	Double Demonstration eye piece	3			
19	Stage incubator	1			
20	Wastergen's Pipettes for E.S.R. on Stand (with space pipettes)	35			
21	Perimeter Priestly Smith S/LP.984 B & T	6			
22	Haemoglobinometer, Sahil or hellige (with spaces)	36			
23	Haemocytometers	36			
24	Sphygmomanometer	12			
25	Stethoscopes	12			
26	Stethoscopes, Demonstration with Multiple ear pieces	2			
27	Polygraphs	2			
28	Venus Pressure apparatus	2			
29	Spirometer, Ordinary	6			
30	Gas analysis apparatus, Haldane's students type	1			
31	Van Slyko's apparatus manometric	2			
32	Gas analyzer – automatic for CO ₂ , O ₂ , N ₂	1			
33	Douglas bag, complete	6			
34	Basal metabolism apparatus	1			
35	Erogograph Mosse's	6			
36	Clinical thermometer	12			
37	Hand Compass	10			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
38	Thermanaesthesiometer	3			
39	Algometer	3			
40	Apparatus for passive movement	1			
41	Knee hammer	12			
42	Stethograph	10			
43	Bicycle ergometer	4			
44	Olfactometer	1			
45	Ophthalmoscope	2			
46	Schematic eye	2			
47	Phakoscope	1			
48	Perimeters, with charts	2			
49	Colour percetion lantern Edridge Green	1			
50	Maddox rod	1			
51	Newtons colour wheel	1			
52	Tuning forks to test hearing 32-10,000 cps (sets)	2			
53	Dynamometer	1			
54	Otorhinolaryngoscope	3			
55	Sterilizer Electric	2			
56	Instrument trolley	1			
57	Stop watches	6			
	GENERAL				
1	Physiograph, 3 channels, complete with accessories	1			
2	Physiograph, single channel, with accessories	6			
3	Centrifuge, high speed with technometer etc.	1			
4	Calorimeter, photo-electric	1			
5	pH meter, electric	1			
6	Refrigerator, 9-10c ft.	1			
7	'B' Type Oxygen Cylinder with trolley	6			
8	'A' Type Co cylinder with trolley	2			
9	Electronic stimulator	1			
10	Water distillation still, with spare heating elements	1			
11	All glass distillation apparatus double stage	1			
12	Voltage stabilizer	3			
13	Step down transformers	2			
14	Thermometers	50			
15	Balances	50			
16	Micro slides	50			
17	Glassware	50			
	DEPARTMENT OF BIOCHEMISTRY				
1	Fume cupboards	2			
2	Boiling Water baths, with lids having 8-12 Holes	6			
3	Autoclave electric	2			
4	Balance open pan	6			
5	Balance semi micro	2			
6	Balance micro	1			
7	Vortex mixers	2			
8	Urinometers	50			
9	Constant temperature water bath	4			
10	Incubator electric with thermostat	4			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
11	Hot air oven	4			
12	Magnetic stirrer	2			
13	Pump vaccum	2			
14	Calorimeters	6			
15	Refrigerators 450 ltrs	4			
16	Flame Photometer	2			
17	Thermometers 0-2500C	4			
18	Thermometers 0-110 0C	4			
19	Cork borer set	1			
20	Stop watch	4			
21	Spirit lamp	50			
22	Chromatographic chamber	2			
23	Water distillation plant (metallic)	3			
24	All glass distillation apparatus	3			
25	Desicators large size	6			
26	Desicators small size	6			
27	Centrifuge clinical for 12 tubes	6			
28	PH meters	3			
29	Homogeniser	3			
30	Microscopes	6			
31	Ultra Violet (U.V.) lamp	1			
32	Tools for small workshop for glass blowing and mending	1 set			
33	Bottle dispensers	15			
34	Samplers (autopipettes) different volume range	15			
35	Electrophoresis apparatus with power supply for Paper PAGE AGAROSE	6			
36	Spectrophotometer	1			
37	Binocular research microscopes	2			
38	Glass ware as required by standard lab. Like pipettes, beakers and conical flasks, etc.	100 each			
	DEPARTMENT OF PATHOLOGY				
1	Weighing machine for cadavers	1			
2	Rotary Microtomes	2			
3	Freezing Microtome with a stand for carbondioxide cylinder	1			
4	Hot plates	2			
5	Hot air (50 degree Celsus) for special staining	2			
6	@ Paraffin embedding bath (Ordinary)	2			
7	@ Electric vacuum embedding baths	2			
8	Autoclave electric	2			
9	Distilled water still	1			
10	Water bath 57 degree Celsius	1			
11	Rectangular water bath	1			
12	Centrifuge machine electric Rotofix	1			
13	Colorimeter Photoelectric Klett.	1			
14	Cabinet for 1000 slides	100 nos.			
15	Band saw	1			
16	Autopsy tables	2			
17	Automatic tissue processor, Histokinmettee or similar, complete.	1			
18	Staining racks for staining in bulk	10			
19	Troughs for staining in bulk	12			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
20	Coplin jars	24			
21	Water bath electric (Tissue Floatation	2			
22	Balance, Chemical with weights	2			
23	Balance, chemical with weights Microscopes, Monocular, with double nose piece, High power objective 2 eye-pieces, mechanical stage and condensor	60			
24	Magnifying lens	6			
25	Blood pressure instrument	2			
26	Micrometer stage	2			
27	Hot plate electric	2			
28	Laboratory Counter nine keys clay Adams	6			
29	Laboratory stirrer	1			
30	Automatic timer	2			
31	Balance for weighing organs	1			
32	Saws, wire for cutting bones	1			
33	Slide boxes for 100 slides for students	120			
34	Drill for boring glass	2			
35	Blow piece with bellows for bending glass	2			
36	Microphotographic apparatus	1			
37	X-ray viewing box	2			
38	Microprojection apparatus	2			
39	Sternal puncture needle Adult size	2			
40	Sternal puncture needle child size	2			
41	Liver Biopsy needle	2			
42	Box weight analytical	2			
43	Stop watch reading at 1/5 second.	6			
44	Ultraviolet lamp.	1			
45	pH Meter electric.	1			
46	Microscope, Binocular, research.	1			
47	Paper Electrophoresis apparatus vertical	1			
48	Paper electrophoresis apparatus, horizontal	1			
49	Water still electric	1			
50	2 x 2 slide Projector.	2			
51	Overhead projector	1			
52	Museum jars.	100 nos.			
53	Drawing instruments and colours for photo artist	1 set			
54	Surgical instruments.	1 set			
55	Dark room lamp, developing troughs Chemicals etc. for photo artist	1 set			
56	Glassware, stains, chemicals reagents etc. for Histological work.	50 each			
	Clinical Laboratory:				
57	Microscope high power with oil immersion lens moveable stage and condensor for the routine microscope work.	15			
58	Bottles Sp. Gravity 25 cc	2			
59	Micro burretes 5 cc	2			
60	PH meter, with ultra micro blood PH electrodes and Electrical Contrifuge One higher power contrifuge for serological	3			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	works, one for haematological work and one other				
61	Incubator	1			
62	Haemacytometers with red and white pipettes	60			
63	Haemoglobinometers, Sahili type	60			
64	Sedimentation apparatus-one wester green and one wintrobole	2 sets			
65	Syringes disposable one set from 10 cc to 2cc 30 of each	1000 nos.			
66	Staining jars for slides.	12			
67	Urinometers	9			
68	Albuminometers, esbachs & Aufrech ^{ts} type	1			
69	Urine Glasset (Conical)	12			
70	Water baths with lids and holes thereon for holding test tubes etc.	2			
71	Centrifuge tubes graduated	36			
72	Crusible with china ltd.	2			
73	Crusible Gooch with adapter	2			
74	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.	6 of each			
75	Pipettes of various sizes, graduated sets	100 each			
76	Reagent bottles.	50 nos.			
77	Dropping bottles	50 nos.			
78	Dropping bottles 4 ounce	50 nos.			
79	Balances-(1) Sensitive balance	2			
80	(2) Chemical balance with weight boxes	2			
	DEPARTMENT OF MICROBIOLOGY				
1	Incubators, electrical (large)	4			
2	37 degree Celsius	4			
3	Autoclave	3			
4	Hot air steriliser	2			
5	Serum inspissators	2			
6	Balance, Chemical	2			
7	Lovibond comparators	1			
8	Flasks flat bottom 50 cc.	6			
9	Microscope oil-immersion moveable stage Abbe, condenser etc.	55			
10	Refrigerators 450 ltrs	3			
11	Micrometer eye pieces	2			
12	Micrometer stage	2			
13	Centrifuge, electrical high power	2			
14	Refrigerated centrifuge	1			
15	Distilled water plant	2			
16	Distilled water plant all glass	1			
17	Oil immersion lens for students microscope.	55			
18	Dropping bottles for stains (Plastic)	500			
19	Staining troughs	60			
20	Anaerobic apparatus	3			
21	Electrophoresis complete set	1			
22	B.O.D. incubator	2			
23	Laminar flow table	1			
24	Ultra Violet (U.V.) Lamps	1			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
25	Venereal Diseases Research Laboratory (V.D.R.L.) shaker	2			
26	Computer unit	1			
27	Overhead Projector	1			
28	Water bath (Serological) 37 degree Celsius	1			
29	Water bath (Serological) 56 degree Celsius	1			
30	Deep freeze (-20 degree Celsius)	1			
31	Elisa Reader, dispenser and washer	1			
32	Binocular microscope	2			
33	Culture facilities				
34	Thermometers (Assorted)	12			
35	Glassware, such as pipettes burettes, beakers, conical flasks, petri dishes of different sizes, reagent bottles etc.	200 each			
36	Required Material for preparation of media	100			
37	Required PH Determination apparatus	2			
38	Reagent bottles with stopper 2000 cc	12			
	1000 cc	36			
	500 cc	24			
	250 cc	24			
	100 cc	60			
	50 cc	60			
39	Test tubers hard glass 150 mm x 18 mm	10			
40	Gross 100 mm x 12 mm	20			
41	Gross 75 mm x 12 mm	20			
	DEPARTMENT OF PHARMACOLOGY				
1	Starling's long extension kymographs with time markers	3			
2	The ideal Respiration Pump (500 cc. CAP.)	3			
3	Brodi's operation tables	3			
4	Incubators	2			
5	Refrigerators 450 ltrs	2			
6	Assembly perfusion apparatus for mammalian heart	4			
7	Standard power tables	3			
8	Assembly for mammalian classes	4			
9	Automatic electric recording drums	4			
10	Mechanical Stromhur	2			
11	Centrifuge	2			
12	Colorimeters	3			
13	Canulas (different types)	48			
14	Cautery machine, electric Blendstone	1			
15	Varnishing Tray with foot lever	2			
16	Four Unit isolated organ bath palmer F.67	1			
17	Analgesimeter	1			
18	Smoking Burners Palmer A-291 and A-265	1			
19	Tracheal Canula Metal Palmer E.76	4			
20	Condons Drop Recorder – Palmer B-75	1			
21	Prof. Inchleys Drop Recorder-Palmer B.78	1			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
22	Animal weighing: a) Machine for small animals like rats and guinea pig	3			
	b) Machine for big animals like dogs	3			
23	Dissection instruments	50 each			
24	Injection syringes (The experimental physiology laboratory can be used if available for the students)	2000 nos.			
25	* Kymograph (students) Electric independent unit	100			
26	* Electric Motor ¼ with split pulleys	2			
27	* Shafting steel rod ¾" diameter and 18" long	8			
28	* Standard Shafting and fittings	40			
29	* Pulleys	30			
30	Muffs coupling for joining 2 pieces of the above mentioned shafting steel rods	12			
31	X-blocks	100 nos.			
32	Hook grip rods	100 nos.			
33	Plain stand	100			
34	Apparatus for isolated rabbit intestine etc.	100			
35	Jacquets graphic chronometer	2			
36	Frog Boards Palmer c. 120	100			
37	Jackson's Enterograph	3			
38	Hair Aesthesiometer-Palmer W.290	2			
39	Long Extension for paper palmer A-130	2			
40	Animal Balance Tripple Beam	2			
41	Manometers mercury Palmer C-200	6			
42	Metronome Palmer B-5	2			
43	Oncometer Kidney	2			
44	Oncometer Heart	2			
45	Copper Trays (10"x8"x1")	100			
46	Thermometer (upto 110 degree Celsius)	100			
47	Distillation apparatus	4			
48	Microscopes ordinary	4			
49	Working tables with racks each table 36" long	6			
50	Chemical Balance-ordinary Apothecary's	2			
51	Chemical Balance-Sensitive	2			
52	Plethysmograph assorted	4			
53	Pneumograph Palmer E	1			
54	Piston Recorder Palmer C.51	1			
55	Tambours mareys Palmer C.5 & C.11	4			
56	Tetanus Set Palmer H2O	1			
57	Stop Watches Jacquets	12			
58	'B' Type Oxygen Cylinders with Trolleys	4			
59	Carbon-di-oxide cylinder	2			
60	Operating lamps-Phillips	4			
61	Animal trolley with 12 cages	4			
	Miscellaneous:				
62	Electrodes, Ordinary and non polarisable, insulated wires, time markers, electric signals, Mercury manometer, perfusion apparatus,	50 each			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	myograph lever, small pulley"s upright stands and chemicals etc.				
63	(c) Pharmacy Laboratory:				
64	Dispensing Balance with metric system weights	30			
65	Pill Tiles	30			
66	Suppository moulds	30			
67	Crucibles with tongs	10			
68	Pestle and Mortar	30			
69	Iron Spatula	30			
70	Iron Spatula	30			
71	Measure glass all sizes	30			
72	Water bath, metal	10			
73	Chemicals, drugs, glass rods, funnels and filter	200 each			
74	(d) SPECIAL CHEMICALS AND PHARMACOLOGICAL EQUIPMENT				
75	Stimulator Electronic Arthus Thomas	1			
76	Balance Semi micro Analytical Pan Mottler	1			
77	Electrocardiograph	1			
78	Spectrophotometer Model Du-Backman (UV Visible range)	1			
79	Skin and Rectal Thermometer Barun	1			
80	Antihistamine Chamber with manometer	1			
81	Flame photometer	1			
82	top clock	12			
83	Water bath 4 hole electrically heated	12			
84	Bell jars Assorted	36			
85	Petri dishes assorted	36			
86	Museum drugs specimen jars (Standard size)	30			
87	All glass distillation apparatus cap.2 litres	2			
88	Centrifuge Electric internation R.P.M. 3000	2			
89	Microscope students type with mechanical stage and oil immersion	4			
90	Microscope lamps	4			
91	Magnetic stirrer B.T.L.	1			
92	Autoclave electric	1			
93	Waring Blender M.S.E.	1			
94	Hot air oven size 14"x14"x14"	1			
95	Incubator Electric Size 14"x14"x14"	1			
96	Vacuum & Pressure Pump Cenco	2			
97	Instruments Sterilliser Electric size 12" x 8"x6"				
98	B.P. Apparatus	8			
99	Distilled water still Manesty Electrical Cap. 2 gallon per hour	2			
100	Stethoscope – Adult	8			
101	Multimeter	1			
102	Temperature controlled water bath 37 0 C	1			
103	Razor Hone	2			
104	Electric Hot Plate	2			
105	Deionizer-two of capacity 20 litres per	2			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	hour and 6 litres per hour (mixed bed type) connected in series				
106	Physiographs with Transducers and other relevant accessories (may substitute kymographs)	40			
107	Vortex mixer	2			
108	Actophotometer	1			
109	Rotarod Assembly	1			
110	Electro-Convulsimeter	1			
111	Cook's Pole Climbing Apparatus	1			
112	Metabolic Cages (Diuretic Study)	3-4			
113	Digital pH meter	1			
114	Tablet Disintegration Machine Glass tubing (length of 6 ft.)	1			
115	Glass rods-assorted sizes of 6 ft.	100			
116	Glass mortar & pestles	24			
117	capacity of 500 and 200 cc	24			
118	Cork borer set of 12	1 set			
119	Holder for platinum wireloop	110			
120	Lancet spring (disposable)	110			
121	Lamp for microscope	20 nos.			
122	Magnifying glass with metal handle	60			
123	Metal mincing machine	1			
124	Postmortem instruments sets complete	2 set			
125	Suction pumps	1			
126	Filtering apparatus sietz filter and Millipore filter	1each			
127	Dessicators	2			
128	Vacuum Desicators	1			
129	Apron plastic for postmortem	2			
130	Apron rubber for postmortemt	2			
131	* Lyophilizer	1			
132	*Thermal Cycler	1			
133	*U.V. Transilluminator with photography	1			
134	* Colony counter	1			
135	* Cold room + 4 degree Celsius	1			
136	* BACTEC system	1			
137	* Phase contrast Microscope	1			
138	*Vortex mixer	1			
139	* Electronic Balance	1			
140	* Microfuge	1			
141	* Ultra centrifuge	1			
142	* Flourescent Microscope	1			
	DEPARTMENT OF FORENSIC MEDICINE				
1	Weighing machine, dial type human	2			
2	Equipment for reporting height	2			
3	Balance chemical	1			
4	Balance i) single pair for weighing foetus	1			
	ii) Weighing machine for Weighing dead bodies	1			
	iii) Weighing machine for organs	1			
5	Folding metal scale to measure upto 7 ft.	1			
6	Steel tape roll	2			
7	Warnier calipers	1			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
8	Autopsy table	2			
9	Styker autopsy saw, with accessories	3			
10	Hacksaw	4			
11	Dissection sets, consisting of cartilage knife bone cutting forceps scissors, straight and curved Enterotome Scaples, knives with spare blades, probe metal scale graduated in cms. Etc.	4			
12	Rib. Shears, right and left	4			
13	Viscerotome with attachment for illumination (Battery operated)	1			
14	SLR camera with accessories	1			
15	Microscope student type	25			
16	Microscope Binocular, research	3			
17	Stopwatch	2			
18	X'ray view box one in four	4			
19	View Box Two in one	3			
20	B.P. Apparatus - Adult	4			
21	Anthropometric set	1			
22	Automatic tissue processing machine	1			
23	Microtome with knife	1			
24	Hot plates	1			
25	L.Modes	16			
26	Leather Strops	2			
27	Parafin Bath Embedding	1			
28	Slide Warming Table	1			
29	Stone Carbarandon	2			
30	Water bath (Tissue Flowing)	1			
31	Distillation plant	1			
32	Brain knife	8			
33	Black Holder	50			
34	Digital Spectrometer	1			
35	Digital PH meter	1			
36	Electric Auto slide projector	1			
37	Glass cutting Pencil	1			
38	Hand Set heat Sealer	1			
39	Spectroscope Lens with adjustable slit	2			
40	Refrigerator 450 ltrs	1			
41	Cold Storage for keeping dead bodies 6 chamber	1			
42	Deep freezer for keeping tissues 40 ⁰ C	2 nos.			
43	Video Camera, Television and Video Cassette Recorder	1 each			
44	Instrument Cabinet	1			
45	Instrument set	2			
46	Trolley	2			
47	Filing cabinet with folders	10			
48	Filing cabinet for Almirah	3			
	DEPARTMENT OF COMMUNITY MEDICINE				
1	Comparator, Nessler	1			
2	Barometer, Fotin	1			
3	Extraction Apoparatus, fat, complete	1			
4	Filter, Pasteur chamberland, complete set	1			
5	Filter, berke fed	1			

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
6	Hydrometres, Spirit	3			
7	Hydrometres, milk	3			
8	Hydrometers, wet and dry BULB	1			
9	Incubator, electric	1			
10	Museum jars	100 nos.			
11	Required Models, charts, diagrams etc.	20 each			
12	Required Balance Analytical (200 gm)	3			
13	Balance for weighing food stuff (capacity 2 Kg.)	1			
14	Centrifuge clinical	1			
15	Weighing machine adult (Digital)	4			
16	Salters Baby weighing machine (Digital)	4			
17	Harpenders Callipers (for skinfold thickness)	2			
18	Height measuring stand	1			
19	Aqua guard	1			
20	Refrigerator 9 cu.ft.	1			
21	Ice Lined Refrigerator (I.L.R.)	1			
22	Dissecting microscope	30			
23	Microscope oil immersion	2			
24	T.F., V.C.R.	1 each			
25	Still for distilled water	1			
26	Autoclave	1			
27	Sterilizers, electric	2			
28	Computer	1			
29	Over Head Projector	2			
	Blood Bank				
1	Temperature Recorder	15			
2	Refrigerated Centrifuge (Thermo Fisher)	3			
3	Hematocrit Centrifuge	3			
4	General Lab. Centrifuge	3			
5	Automated Blood Typing	2			
6	Haemoglobinometer	20			
7	Refractometer or Urinometer	20			
8	Blood Container and Weighing device	5			
9	Water Bath	3			
10	Rh View Box	10			
11	Digital weighing scale	5			
12	Donor Couch	4			
13	Elisa Reader	1			
14	Elisa Plate Washer	1			
15	Table for Centrifuge	6			
16	Platelet Agitator	2			
17	Laminar Air Flow	1			
18	Deep Freezer -20°C	2			
19	Deep Freezer -40°C	1			
20	Deep Freezer -80°C	1			
21	Blood Bag Tubing sealer	3			
22	Blood Bag Tubing sealer Portable	1			
23	Blood Bag Tubing Stripper	1			
24	Needle Destroyer	2			
25	Tube to Tube Connector	1			
26	Blood Bag Transportation Carrier	3			
27	B.P Instruments – Digital	5			
28	Refrigerator 450 ltrs	3			
29	Blood Bank Refrigerator for 300 Nos. of	4			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	450ml Blood Bags Complete with Recorder				
30	Cell Washer (Automated)	1			
	Radiology				
1	Digital X-Ray for 600 mA X-Ray Machine				
2	X-Ray Unit 600 mA	1			
3	X-Ray Unit 60 mA (Portable)	1			
4	X-Ray Unit 100 mA (Portable)	1			
5	Ultrasound Machine (Color)	1			
6	Personal Protective Equipment (Lead, Coats, Lead Glove, etc.)				
	20 Bedded ICU				
1	ICU Bed	20			
2	Patient monitor	20			
3	Ventilator	20			
4	Transport Ventilator	3			
5	Syringe pump	50			
6	Oxygen Generating Plant with oxygen pipeline	1			
7	Suction Plant	1			
8	Jumbo Oxygen Cylinder	50			
9	Cardio Tray	20			
10	Defibrillator	1			
11	Haemodialysis machine with RO Plant	2			
12	Ultrasound machine	1			
13	100mA X-Ray Machine (Portable)	2			
14	ABG Analyzer	1			
15	Computer set	2			
	Operation Theatre (3 nos.)				
1	Anaesthesia workstation	3			
2	O.T Table	3			
3	O.T Light	3			
4	Suction Machine	3			
5	Diathermy Machine	3			
6	UPS for 3 OTs	1			
7	Ventilator	3			
8	Crash Cart	3			
	CSSD				
1	Autoclave : Horizontal Sterilizer 4'x3'x2'	4			
2	Stainless Steel Drums	1			
3	Steel Rack	5			
	Casualty				
1	Ventilator	2			
2	Multipara Monitor	2			
3	Suction machine foot cum electric	5			
4	Defibrillator	2			
5	Infusion pump	2			
6	Oxygen Concentrator	2			
7	Nebulizer	4			
8	Dressing trolley	5			
9	Laryngoscope	3			
10	Crash Cart	3			
	Requirements for Administrative Office				
1	Heavy Duty Photocopy machine	2			
2	LCD Projector with Screens (for	5			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	classrooms)				
	Requirement for Medicine Department				
1	Monitor	3			
2	Suction Machine	4			
3	Oxygen Concentrator	4			
4	Nebulizer	4			
	Requirements of ENT Department				
1	Bullseye Lamp with Head mirrors	3			
2	Ear specula	5			
3	Nasal specula	5			
4	Tongue depressors	5			
5	Nasal packing forceps	5			
6	Probe with ring curette	10			
7	Laryngeal mirrors	10			
8	Post- rhinoscopy mirrors	10			
9	Trocar with canula	5			
10	Aschs septal/walshams forceps	5			
11	Crocodile forceps	5			
12	Long artery forceps straight/curved	10			
13	Tonsillectomy set	3			
14	Punch biopsy forceps	3			
15	Quincy forceps	3			
16	Diathermy	1			
	Requirements for Department of Paediatrics				
1	Endotracheal tube 0.1 to 0.3	1			
2	Ambu bag (New born to child)	4			
3	Infusion pump	5			
4	Nebulizer	5			
5	50mA X-ray machine (Portable)	1			
6	Phototherapy Portable	1			
	Requirements for Department of Ophthalmology				
1	A-Scan Biometer	2			
2	Autoref-Keratometer	2			
3	Slit Lamp	2			
4	Operating Microscope	2			
5	TRAIL Set	3			
6	Vision Drum	3			
7	Cataract Set	3			
8	Operation Table Motorized	2			
9	Surgeon's Chair Motorized	2			
10	High Speed Autoclave	2			
11	Wet field Bipolar cautery	3			
12	Sonomed B-Scan Biometry	1			
13	Direct ophthalmoscope	3			
14	Indirect ophthalmoscope	2			
15	Dacyocystectomy set	2			
16	Punctum dilator (diff. sizes)	2			
17	Eneucleation sets	3			
18	Muscle hooks	5			
	Requirements for Kitchen				
1	Piped gas line & cylinders	1			
2	Food trolleys	10			
3	Refrigerator 450 ltrs	2			
4	Table top counters	1			

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
5	Weighing machine - Digital	2			
6	Vessels, Plates & other accessories	1			
	DRESSING MATERIALS (For Rate Contract)				
1	Cotton Wool absorbent 500g (per roll)				
2	Gauze cloth 18m x 90cm (per than)				
3	Adhesive Plaster 2.5 cm (per spool)				
4	Adhesive Plaster 5 cm (per spool)				
5	Adhesive Plaster 7.5 cm (per spool)				
7	Adhesive Plaster 10 cm (per spool)				
8	Bandage Rolled 5 cm (per pkt)				
9	Bandage Rolled 7.5 cm (per pkt)				
10	Bandage Rolled 10 cm (per pkt)				
11	Bandage Rolled 15 cm (per pkt)				
12	Plaster of Paris 5 cm (per roll)				
13	Plaster of Paris 7.5 cm (per roll)				
14	Plaster of Paris 10 cm (per roll)				
15	Plaster of Paris 15 cm (per roll)				
16	Crepe bandage 10 cm (per roll)				
	Crepe bandage 15 cm (per roll)				
17	Disposable Syringe with needle 2 ml (per no)				
	5 ml (per no)				
	10 ml (per no)				
	20 ml (per no)				
18	Gloves Powder (per Kg)				
19	POP Powder (per Kg)				
20	Rubber Gloves I.S.I. (Sterile) 6" (per pair)				
	6½" (per pair)				
	7" (per pair)				
	7½" (per pair)				
21	Rubber Gloves I.S.I. Non-Sterile (Examination Gloves) Small (per pair)				
	Medium (per pair)				
	Large (per pair)				
	NURSING & DISPENSING APPLIANCES (For Rate Contract)				
1	Urinal male SS Seamless.				
2	Urinal female SS Seamless				
3	Kidney tray S.S. Size: 20 cm. x 8"				
	25 cm x 10"				
	30 cm x 12"				
4	Instrument tray S.S. with cover size				
	a) 30 cm. x 25 cm.(12"x 10")				
	b) 27.5 cm. x 22.5 cm.(11" x 7")				
	c) 25 cm. x 20 cm.(10 x 8")				
5	Catheter tray with cover S.S. Size				
	a) 40.5 cm x 8.5 cm x 7.5 cm(16" x 4" x 3")				
	b) 20 x 7.5 x 5 cm.(8" x 3" x 2")				
6	Basin S.S. Size: 30 cm.				
	34 cm.				
	40 cm.				
	45 cm..				
7	Bowl S.S. Size: 10 cm.				

Sl. No.	Name of item	Qnty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	15 cm.				
	20 cm.				
	25 cm.				
8	Spittoon with hinged cover S.S.				
9	Bucket S.S. with cover - 27 cm.				
	30 cm.				
10	Food tray with compartment.				
11	Douche can complete set S.S.				
12	Dustbin plastic as per BMW rules				
	1) PVC Container				
	2) Dust Bin (80 ltr)				
	3) Dust Bin (20 ltr) with foot paddle				
	4) Dust Bin (10 ltr) with foot paddle				
13	Bed Pan Slipper shape (stainless steel) Male with Lid				
14	Bed Pan Slipper shape (stainless steel) Female with Lid				
15	Ambu Bag				
16	Kelly's Douche Pad.				
	DISPENSING APPLIANCES :				
17	Hot water bag				
18	Plastic sheeting 135 cm. wide per meter				
19	Air cushion/Air ring with valve size : 35 cm				
	40 cm.				
	45 cm.				
20	Mucus sucker				
21	Ice bag with cap.				
22	Corrugated rubber sheet 15 x 30 cm.				
23	Rubber Catheter	No. 6			
		No. 8			
		No. 10			
		No. 12			
		No. 14			
		No. 16			
		No. 18			
24	Ryles Tube :	Size : 14			
		Size : 16			
		Size : 18			
25	Suction Catheter :	No. 6			
		No. 8			
		No. 10			
		No. 12			
26	Nasal Oxygen Catheter	Size : 8 / 10 / 12 / 14			
27	Folley's Catheter :	No. 14			
		No. 16			
		No. 18			
		No. 20			
		No. 22			
28	Infant Feeding Tube.				
29	Nelson Inhaler with cork and glass.				
30	Scalp Vein Set No.22				
31	Scalp Vein Set No.23				
32	Scalp Vein Set No.24				
33	I.V. canulla with injection port, sterilized by ETO, ready for use.				

Sl. No.	Name of item	Qty.	Model with Specification	Unit Rate in (Rs.)	Unit Rate in Words
	Size: 18G, 20G, 22G,				
34	I.V. Canulla without injection port, sterilized by ETO, ready for use. Size : 24G				
35	Nail Brush Boilable.				
36	Clinical Thermometer				
37	Baby Weighing Machine. 10 kg x 50 gm (Non-Electronic)				
38	Personal Weighing Machine : 130 kg x 0.5 kg				
39	Personal Weighing Machine with height measurement.				
40	Blood Pressure Apparatus ISI Mercurial 300 mm.				
41	Blood Pressure Apparatus Mobile Model ISI				
42	Glass Tube Graduated for BP Apparatus.				
43	Stethoscope Diaphragm + bell				
44	Bulb for Blood Pressure with control valve.				
45	First Aid Box large size complete set				
46	IV Set				
47	Aerosol Disinfector/Fogging machine				
48	Urine Bag.				
49	Oxygen Mask - Adult				
50	Oxygen Mask - Children				
51	Paraffin wax Gauze				