

UNIVERSITY OF SULEIMANIYA - COLLEGE OF MEDICINE
requirements according to priorities (Resolution 986)

List of

Item Code No.	Title	Number
06-03-00001	Electrical Light Microscope with 10,20, 40,100 power objective lens (OLYMPUS)	30
06-03-00002	Teaching microscopes with 4 side viewers Olympus	2
06-03-00003	Projecting microscope,Olympus	2
06-03-00004	Personal locker for students (with the attached design)* *	100
06-03-00005	Public address system, complete, suitable for assembly hall,with loudspeakers, microphone etc.	3 systems
06-03-00006	Multimedia Pentium II computers *WHO current standard, local purchase.	2
06-03-00007	Laser Printer HP5 *	2
06-03-00008	Color Page Scanner DIN A4 *	1
06-03-00009	Dot matrix Printer or alternative model, if available.	2
06-03-00010	Unit for projection of computer produced material,Desktop projector	1
06-03-00011	Color television (26 ") with remote control.*	4
06-03-00012	Video recorder VHS with remote control*	2
06-03-00013	Video Camera VHS,Panasonic complete unit with carrying bag and extra battery pack *	1
06-03-00014	Anatomical models from Adam, Rouilly catalogue1998 MT69	2
06-03-00015	Anatomical models from Adam, Rouilly catalogue1998 MC8	1
06-03-00016	Anatomical models from Adam, Rouilly catalogue1998 Mb/2	5
06-03-00017	Anatomical models from Adam, Rouilly catalogue1998 MC1	2
06-03-00018	Anatomical models from Adam, Rouilly catalogue1998 PO8	5
06-03-00019	Anatomical models from Adam, Rouilly catalogue1998 PO 76/9	5
06-03-00020	Anatomical models from Adam, Rouilly catalogue1998 PO1	15
06-03-00021	Anatomical models from Adam, Rouilly catalogue1998 PO45/1	10
06-03-00022	Anatomical models from Adam, Rouilly catalogue1998 PO37	10
06-03-00023	Charts from Adam, Rouilly catalogue 1998 C8943PL , C8946	5 for each
06-03-00024	Charts from Adam, Rouilly catalogue 1998 C9672PL , C9850PL ,C9796PL,C9859PL,C9870PL,C9920PL	2for each
06-03-00025	Charts from Adam, Rouilly catalogue 1998 C8024PL, C8026PL, C8937PL,C9696PL,C9693PL,C9780PL,C9790PL,C9795PL,C9799PL, C9878PL,C9879PL,C9895PL,C9951PL,C9960PL,C9940PL,C9720PL	1 for each
06-03-00026	Microscopic Slides of Human histology	2 Complete sets
06-03-00027	Microscopic Slides for pathology	2 Complete sets
06-03-00028	Microscopic Slides of Parasitology	2 Complete sets
06-03-00029	Teaching video cassettes For anatomy , physiology, histology, microbiology, parasitology, pharmacology, community health, internal medicine , dermatology, surgery, orthopedics, ophthalmology, pediatrics, gynecology and obstetrics, radiology, ENT	1 for each different topic (total 20)
06-03-00030	Teaching slides for anatomy , physiology, histology, microbiology, parasitology, pharmacology, community health, internal medicine , dermatology, surgery, orthopedics, ophthalmology, pediatrics, gynecology and obstetrics, radiology , ENT	1 set for each different topic
06-03-00031	Sahli Hemometer	5
06-03-00032	pH Meter bench model as Fisher PHK-460-030Jwith spare electrode	4

Item Code No.	Title	Number
06-03-00033	Distillation unit, 4litre/hour WHO standard	2
06-03-00034	Oscilloscope (Double channel)with memory	1
06-03-00035	Oscillator for laboratory use,WHO standard	1
06-03-00036	Power Supply A.C , D.C , (Multiple range)adjustable voltage upto 45 voltsDC	2
06-03-00037	Voltmeter A.C , D.C , (Multiple Range)	2
06-03-00038	Ammeter A.C , D.C , (Multiple Range)	2
06-03-00039	Ishihare chart	2
06-03-00040	Ohm meter	1
06-03-00041	Avometer , digital multimeter	1
06-03-00042	Viscometer , Haake, Viscotester VT5R	1
06-03-00043	Stopwatch, as Fisher TKM-300-N	4
06-03-00044	Glucometer, Elite 2000 including sensors	1
06-03-00045	Chloride meter as PCLM3 Jenway	1
06-03-00046	Tuning fork , different frequencies,set	5
06-03-00047	Water Bath, stirring 14 litres, thermostat controlled, completeas Fisher BGL470/020D	4
06-03-00048	Neurological hammer	5
06-03-00049	Magnetic stirrer with set of stirrer bars as Fisher SWT-100-050-Y	2
06-03-00050	Chromatography system,Buchi, basic set, as Fisher CKH-720-050-W	2
06-03-00051	ECG machine 6 channel Hellige	1
06-03-00052	Peak flow meter, Spirotest, complete set.	2
06-03-00053	Enuresis alarm	2
06-03-00054	Electrophoresis system complete for protein determination, with accessories, paper etc.	2
06-03-00055	Autoclave top-loading, approx 25-30 litre capacity as Fisher AUX-780-011	1
06-03-00056	Digital Spectrophotometer as Fisher SPR-300-020G with complete set of filters and serial printer and spare cuvettes.	1
06-03-00057	Automatic Pipettes different capacities	2 for each (total 10)
06-03-00058	Centrifuge Labofuge 200,complete with rotors etc.	5
06-03-00059	Sensitive Balance (0.0001-100 gm) as Sartorius	3
06-03-00060	Haemoglobinometer	1
06-03-00061	Spare mouth pieces for Spirometer	500
06-03-00062	Vitalgraph unit complete	2
06-03-00063	Perimeter	1
06-03-00064	Kymograph complete unit	1
06-03-00065	Organ bath, standard capacity, any suitable source	2
06-03-00066	Electric Stimulator, standard model	2
06-03-00067	Haemocytometer	5
06-03-00068	Plain Capillary Tubes	10000
06-03-00069	Disposable blood Lancets	1000
06-03-00070	Test Tube racks metal as Fisher STK-765-070F	20
06-03-00071	Acetate Sheets standard size	1 Box
06-03-00072	Conical Flasks (250, 500, 1000 CC)	10 for each
06-03-00073	Burettes,automatic 50ml, complete with reservoir.	10
06-03-00074	Beakers (250, 500, 1000CC)	10 for each
06-03-00075	Washing Bottle 500ml capacity	20

Item Code No.	Title	Number
06-03-00076	Cylinder (100, 250,500,1000CC)	5 for each
06-03-00077	Resistance in Value (1,2,3,5,10,20) Ohm	30 for each
06-03-00078	Small Compass	2
06-03-00079	Boyl's Law Apparatus complete set	5
06-03-00080	Glass Lenses (5,10,15,20,25,) cm	2 for each
06-03-00081	Oven (up to 300c')150 litres capacity, WHO standard	2

* Represent articles that are available in the local market.

** attached with this list the design for the locker that can be provided by local market

**List of Basic / Essential Needs - University of Sulimaniyah - College of Dentistry - Dental Machine,
Instrument and material for chrom cobolt**

Item Code No.	Description	Quantity	Price	Total
06-03-00082	CompleatKavo,Belmont,orSiemens Dental unit	15	5800 \$	87000 \$
06-03-00083	Caventron	3	1000 \$	3000 \$
06-03-00084	Amalgamator Degussa Dentomat	3	1000 \$	3000 \$
06-03-00085	Auto clave, dental, standard capacity.	3	1500\$	4500 \$
06-03-00086	Cautery, dental.	2	500 \$	1000 \$
06-03-00087	Light cure unit	3	250 \$	750 \$
06-03-00088	Fantom (DES EW 1518 conservative)	5	3000 \$	15000 \$
06-03-00089	(Dental patiant simulator Preclinical education)			
06-03-00090	Portaball turbine Kavo with hand piece	5	1000 \$	5000 \$
06-03-00091	Constant temperature circulating bath as Techne,approx 15 litres.	3	1000 \$	3000 \$
06-03-00092	Mannikin (Kavo EWL Jaw simulator G4)	5	2000\$	10000\$
06-03-00093	Hannues - Articulator	10	500\$	5000 \$
06-03-00094	Face - Bow	5	200 \$	1000 \$
06-03-00095	Flask with clamp dental *	20	25 \$	500 \$
06-03-00096	Impression moulds complete upper and lower, set.	10	25 \$	250 \$
06-03-00097	Automatic film processer,dental film, Kodak	2	1000 \$	2000 \$
06-03-00098	X-ray Unit dental, mobile	4	1500 \$	6000 \$
06-03-00099	Panoramic x -ray (O.P.G)	2	4000 \$	8000 \$
06-03-00100	Microscope, binocular Olympus, complete set in box.	5	500 \$	2500\$
06-03-00101	Implantation seat IMZ generation	3	5000 \$	15000 \$
06-03-00102	Dental laser unit last generation	1	5000 \$	5000 \$
06-03-00103	Cryo – surgery unit last generation	1	5000 \$	5000 \$
06-03-00104	Dental surgical seat include the titanium mini pleat	1	5000 \$	5000 \$
06-03-00105	Dental laboratory handpiece	20	150 \$	3000 \$
06-03-00106	Periodontal surgery sets	5	250 \$	1250 \$
06-03-00107	Periodontal prophylaxis sets	5	250	1250 \$
06-03-00108	Root canal filling sets *	5	250	1250 \$
06-03-00109	Rubber dam instrument & clmps *	15	100 \$	1500 \$
06-03-00110	Amalgam carrier *	50	3 \$	150 \$
06-03-00111	Amalgum condenser (different types) *	50	3 \$	150 \$
06-03-00112	Dental engine with stand *	10	500	5000\$
06-03-00113	DENTAL SYRINGE *	25	10 \$	250 \$
06-03-00114	Ivory retainer No. 1 and No. 8 *	50	4 \$	200\$
06-03-00115	Amalgam burnisher *	30	3 \$	90 \$
06-03-00116	Wire for surgery & orthodontic (different types) *	30 rolles	10 \$	300 \$
06-03-00117	Locker for student *	30	100\$	3000\$
06-03-00118	Cheek & Lip retractors *	5	10 \$	50 \$
06-03-00119	Ordinary angle hand piece	20	50 \$	1000 \$
06-03-00120	Currettes (different types) *	30	5 \$	150 \$
06-03-00121	Simple articulator *	20	25 \$	500\$

**List of Basic / Essential Needs - University of Sulimany - College of Dentistry Dental Machine,
Instrument and material for chrom cobolt**

Item Code No.	Description	Quantity	Price	Total
06-03-00122	Casting machine spring operated (center fudge)	1	1000 \$	1000 \$
06-03-00123	Air compressor with 1000 L tank and dehumidifier	1	1000 \$	1000 \$
06-03-00124	Dental agar Machine	1	2000 \$	2000 \$
06-03-00125	Preheating cabinet (Therm , Oven)	1	1000 \$	1000 \$
06-03-00126	Dental electrolytic polisher	1	1000 \$	1000 \$
06-03-00127	Sand blast machine	1	1000 \$	1000 \$
06-03-00128	Dental high speed engine as Unijet universal model	5	500 \$	2500 \$
06-03-00129	Chromium cobalt touch for melting metal	2	500 \$	1000 \$
06-03-00130	Chromium cobalt alloy	1	200 \$	200\$
06-03-00131	Investment powder	5 kg	25 \$	125\$
06-03-00132	Investment liquid	10 liter	25 \$	250 \$
06-03-00133	Ready made clasp wax (ready made clasp wax)	5 pocket	10 \$	50 \$
06-03-00134	Under cut blocking wax	5 pocket	10 \$	50 \$
06-03-00135	Casting (molding) wax	5 pocket	10 \$	50 \$
06-03-00136	Profiled wax	5 pocket	10 \$	50 \$
06-03-00137	Preparation wax	5 pocket	10 \$	50 \$
06-03-00138	Transverse bar wax	5 pocket	10 \$	50 \$
06-03-00139	Lingual bar wax	5 pocket	10 \$	50 \$
06-03-00140	Model hardener wax	5 pocket	10 \$	50 \$
06-03-00141	Plastic adhesive	5 pocket	10 \$	50 \$
06-03-00142	Agar – agar (duplicating material)	10 kg	10 \$	100 \$
06-03-00143	Sand paper (emery cloth for chromium cobalt)	20	5 \$	100 \$
06-03-00144	Electrolyt liquid	10 liter	10 \$	100 \$
06-03-00145	Cervical wax	5 pocket	5 \$	25 \$
06-03-00146	Chromium cobalt solder	1 kg	200 \$	200 \$
06-03-00147	Flexitin plastic pattering wax	5 pocket	10 \$	50 \$
06-03-00148	Polishing paste (rough for chr – cobalt)	5 unit	10 \$	50 \$
06-03-00149	Rubber polisher disc	50	2 \$	100\$
06-03-00150	Wax pattern – ring clasp	5 pocket	10 \$	50 \$
06-03-00151	Wax – wire for sprue	5 pocket	10 \$	50 \$
06-03-00152	Rubber polisher point	5	5 \$	25 \$
06-03-00153	Carbid & finishing bur	10	5 \$	50 \$
06-03-00154	Crucible	25	5 \$	125 \$
06-03-00155	Agar – agar duplicator (flask)	25	10 \$	250 \$
06-03-00156	Dental forceps Germany stainless-steel	100	7\$	700\$
06-03-00157	Elevator Germany stainless-steel	100	4\$	400\$
06-03-00158	Dental mirror with handle *	100	2\$	200\$
06-03-00159	Plugger *	50	2\$	100 \$
06-03-00160	Cement spatula *	50	2 \$	100 \$
06-03-00161	Cement slap *	50	2 \$	100 \$
06-03-00162	Dental probe *	50	2 \$	100 \$
06-03-00163	Twizer *	50	2 \$	100 \$
06-03-00164	Stainless steel trays upper and lower	50	2 \$	100 \$
06-03-00165	Excavator *	50	1 \$	50 \$
06-03-00166	Dental Scissors Germany	20	3 \$	60 \$
06-03-00167	Bone cutter	10	5 \$	50 \$
06-03-00168	Knife handle *	10	2 \$	20 \$

Dental Machine, Instrument and material for Acrylic Laboratory

Item Code No.	Description	Quantity	Price	Total
06-03-00169	Hydrolic press	1	200 \$	200 \$
06-03-00170	Dental lath for polishing	2	300 \$	600 \$
06-03-00171	Dental trimmer	2	300 \$	600 \$
06-03-00172	Benzen burner	10	20 \$	200 \$
06-03-00173	Dental Graph cambi paralleoate (survier)	1	300 \$	300 \$
06-03-00174	Dental vibrator	1	300 \$	300 \$
06-03-00175	Plaster spatula *	25	5 \$	125 \$
06-03-00176	Wax Knife *	25	5 \$	125 \$
06-03-00177	Lacron carver *	25	4 \$	100 \$
06-03-00178	Dental plicrs (different type)	25	10 \$	250 \$
06-03-00179	Jar for hand acrylic mixing	10	5 \$	50 \$
06-03-00180	Bur hand piece (different type) *	200	1 \$	200 \$
06-03-00181	Mandrils for sand paper *	20	1 \$	20 \$
06-03-00182	Modling wax *	20	5 \$	100 \$
06-03-00183	Stone powder *	5 kg	5 \$	25\$
06-03-00184	Distone powder	5 kg	5 \$	25 \$
06-03-00185	Set of teeth*	50	5 \$	250 \$
06-03-00186	Hot cur acrylic powder *	5 kg	10 \$	50 \$
06-03-00187	Hot cur acrylic liquid *	5Liter	10 \$	50 \$
06-03-00188	Cold cur acrylic powder*	5 kg	10 \$	50 \$
06-03-00189	Cold cur acrylic liquid*	5 Litter	10 \$	50 \$
06-03-00190	Zinc oxide imperssion *	5	5 \$	25 \$
06-03-00191	Alginat impression *	5 kg	5 \$	25 \$
06-03-00192	Impression compound *	20 pocket	10 \$	200 \$
06-03-00193	Impression plaster *	5 kg	10 \$	50 \$
06-03-00194	Shilak base plate (Upper & Lower)*	500	0.5 \$	250 \$
06-03-00195	Sand paper *	10 pocket	1 \$	10 \$
06-03-00196	Polishing brush for acrylic*	10	1 \$	10 \$
06-03-00197	Articulation paper *	20 pocket	2 \$	40 \$
06-03-00198	Sticky wax *	5 pocket	3 \$	15 \$
06-03-00199	Rouge for denture polishing *	20	1 \$	20 \$
06-03-00200	Cold mold seal *	10 liter	3 \$	30 \$
06-03-00201	Color photocopy machine	1	9000 \$	9000 \$
06-03-00202	T.V & video with camera *	1	4000 \$	4000\$
06-03-00203	Slide projector with screen *	2	500 \$	1000 \$
06-03-00204	Centrifuge*	1	500 \$	500 \$
06-03-00205	PH meter	1	1000 \$	1000 \$
06-03-00206	Analytical balance ,single pan ,digital	1	836 \$	836 \$
06-03-00207	Spectrophotometer PM 6K .	1	1500 \$	1500 \$
06-03-00208	Scanner machine for printing design work	1	3000 \$	3000 \$
06-03-00209	Electro-Pencil ,wight.31 lb	1	17\$	17\$
06-03-00210	Electro-Pencil ,Holder,wight .13 lb	1	5\$	5\$
06-03-00211	Transfer Paper , Pencil wight .31 lb	1	4\$	4\$
06-03-00212	Book Press , 12.63 lbs	1	80\$	80\$
06-03-00213	Cloth ink pad Weight .06lb	1	12\$	12\$
06-03-00214	Ink,4oz.Bottle,weight.31lb	1	8\$	8\$
06-03-00215	Ink,16oz.Bottle,weight1.25lbs	1	21\$	21\$
06-03-00216	Drum covers,package of 20,weight.13lb	1	4\$	4\$
06-03-00217	Wire recovering tray , weight.31 lb	1	15\$	15\$

Item Code No.	Description	Quantity	Price	Total
06-03-00218	Reservoir ink pad,weight.06 lb	1	25\$	25\$
06-03-00219	2.75 lbs/500 Mini Graph Stencils	10	10\$	100\$
06-03-00220	Computer and Printer and Scanner	1	3000\$	3000\$
06-03-00221	300 C Oven	1	1000 \$	1000 \$
	Total Sum of all pages			250942 \$

N.B. * : Represents articles in local marks

Medical department of Sulaimaniyah, Kalar and Koya Technical Institute

FROM FISHER CATALOGUE

Code No.	Items	Catalogue No.	Sulaimaniyah	Kalar	Koya	Total Qty.
06-03-00222	Anaerobic Jar(complet system)	ANF -403 -010T	1			1
06-03-00223	Aspirator bottles	ASP -350 -010Q	1			1
06-03-00224	Aspirator bottles	ASP -350 -050E	1			1
06-03-00225	Autoclave	AUX -308 -010Q	1			1
06-03-00226	Analytical Balance	BFE -950 -020W	1			1
06-03-00227	Baths - Clifton	BJL -400 -220V	1	1	1	3
06-03-00228	Accessories for water - baths	BKA -360 -030W	3	3	3	9
06-03-00229	Accessories for water - baths	BJL -464 -558K	1	1	1	3
06-03-00230	Centerifuge -Haemocentaur	CEK -500 -010Y	1	1	1	3
06-03-00231	Centerifuge	CFD -200 -030Q	1	1	1	3
06-03-00232	Centerifuge rotors	CFD -210 -030J	1	1	1	3
06-03-00233	Centerifuge tubes	CFT -340 -N	10 pack	10 pack	10 pack	30pack
06-03-00234	Colony counters	CNW -330 -010X	1			1
06-03-00235	Cork boring machine	CSD -600 -L	1			1
06-03-00236	Borers set of 15	CSD -604 -010H	1 set			0
06-03-00237	Cork stoppers	CSD -461 -160D	10 pack	10 pack	10 pack	30pack
06-03-00238	Cork stoppers	CSD -461 -080B	10 pack	10 pack	10 pack	30pack
06-03-00239	Crucildes Mickle	CWB -340 -070Y	5	5	5	15
06-03-00240	Dispensers	DHT -870 -010H	1			1
06-03-00241	Disposables - pipettes	PMK -500 -070W	10 pack			10pack
06-03-00242	Drying cabinets	OVL -352 -210T	2			2
06-03-00243	Filter papers	FDH -330 -150P	10 pack	10 pack	10 pack	30pack
06-03-00244	Filter papers	FDH -340 -070G	10 pack	10 pack	10 pack	30pack
06-03-00245	Filter papers	FDH -380 -170U	10 pack			10pack
06-03-00246	Filter papers	FDH -440 -110M	10 pack			10pack
06-03-00247	Flame photometers	FGA -351 -F	1			1
06-03-00248	Hot plates	HPS -360 -010U	1	1	1	3
06-03-00249	Hydrometers	HYD -340 -070V	10			10
06-03-00250	Incubators	ING -200 -020N	1	1	1	3
06-03-00251	Shelf set	ING -205 -502L	1	1	1	3
06-03-00252	Indicator paper	PBK -640 -110G	10pack			10pack
06-03-00253	Litmus paper	PBK -610 -070N	20pack	20pack	20pack	60pack

Code No.	Items	Catalogue No.	Sulaimaniyah	Kalar	Koya	Total Qty.
06-03-00254	Magnifiers	MAH -415 -010C	10			10
06-03-00255	Microscopes	MIC -200 -010R	10	5	5	20
06-03-00256	Microscopes	MIC -200 -060C	1			1
06-03-00257	CCTV System for Microscopes	MIC-942 -Q	1			1
06-03-00258	CCTV System for Microscopes	MIC -950 -V	1			1
06-03-00259	Microscope slides	MNJ -250 -010S	20pack	20pack	20pack	60pack
06-03-00260	Cavity slides	MNK -135 -051J	10pack			10pack
06-03-00261	Glass ring cells	MNK -145 -030K	10pack	10pack	10pack	30pack
06-03-00262	Cover glasses	MNK -225 -090V	100pack	100pack	100pack	300pack
06-03-00263	Slid drying plate	MNK -300 -010M	2			2
06-03-00264	Microscope slide storage	MNK -380 -070H	4			4
06-03-00265	microscope slide storage Dust cover	MNK -384 -500H	4	4	4	12
06-03-00266	Staining Jars	MNK -830 -A	50			50
06-03-00267	Mixer Roller	MRP -455 -L	1			1
06-03-00268	Vortex mixer	MRP -500 -010T	1	1	1	3
06-03-00269	Multi -torso,(male)	MOD -120 -010E	1			1
06-03-00270	Multi -torso,(female)	MOD -120 -010E	1			1
06-03-00271	Multi -torso,(pregnancy)	MOD -120 -010E	1			1
06-03-00272	Interchangable pelvic inserts	MOD -130 -010U	1	1	1	3
06-03-00273	Interchangable pelvic inserts	MOD -130 -020R	1	1	1	3
06-03-00274	Interchangable pelvic inserts	MOD -130 -030X	1			1
06-03-00275	Interchangable pelvic inserts	MOD -130 -040L	1			1
06-03-00276	Heart models	MOD -150 -010G	1	1	1	3
06-03-00277	Heart models	MOD -160 -010W	1			1
06-03-00278	Heart models	MOD -170 -010P	1	1	1	3
06-03-00279	Respiratory organs & Heart	MOD -180 -010Y	1	1	1	3
06-03-00280	Eye models	MOD -200 -010K	1			1
06-03-00281	Functional eye	MOD -220 -010T	1			1
06-03-00282	Five parts eye ball	MOD -210 -010D	1	1	1	3
06-03-00283	Ear model	MOD -300 -010C	1			1
06-03-00284	Ear model	MOD -310 -010S	1	1	1	3
06-03-00285	Ear model	MOD -320 -010L	1	1	1	3
06-03-00286	Brain model	MOD -400 -010R	1			1
06-03-00287	Brain model	MOD -420 -010D	1			1
06-03-00288	Spinal cord	MOD -410 -010K	1	1	1	3
06-03-00289	Thin man sequential human anato. Prog.	MOD -460 -010V	2			2
06-03-00290	Ovens	OVG -212 -010D	1			1

Code No.	Items	Catalogue No.	Sulaimaniyah	Kalar	Koya	Total Qty.
06-03-00291	Petri – dishes	PDS –100 –031X	100pack	50pack	50pack	200pack
06-03-00292	petri – dishes stand	PDS –200 –504M	10	10	10	30
06-03-00293	PH- meters	PHL –650 –030N	1	1	1	3
06-03-00294	Electrodes	PHL –650 –520T	10	5	5	20
06-03-00295	Pipette filters	PMR –333 –070V	50	25	25	100
06-03-00296	Pipette filters	PMR –650 –013N	3pack	3pack	3pack	9pack
06-03-00297	pipette washing	PMR –580 –035M	3	1	1	5
06-03-00298	pipetteors fixed volume	PMP –110 –010P	1	1	1	3
06-03-00299	pipetteors fixed volume	PMP –110 –030J	1	1	1	3
06-03-00300	pipetteors fixed volume	PMP –110 –050D	1	1	1	3
06-03-00301	pipetteors fixed volume	PMP –110 –090X	1	1	1	3
06-03-00302	pipettor tip	PQP –150 –030G	5pack			5pack
06-03-00303	Refrigerators	RFP –800 –010T	3			3
06-03-00304	Shakers	SGM –200 –010F	1	1	1	3
06-03-00305	Shakers	SGM –700 –050W	1	1	1	3
06-03-00306	Shakers	SGM –710 –502G	1	1	1	3
06-03-00307	Shakers	SGM –710 –504C	1	1	1	3
06-03-00308	Spectrophotometer	SPR –280 –010H	1	1	1	3
06-03-00309	Tungsten lamp	SPR –280 –050S	10	10	10	30
06-03-00310	Magnetic stires	SWT –100 –050Y	2	2	2	6
06-03-00311	Magnetic stires	SWT –280 –050N	2			2
06-03-00312	Magetic followers	SWX –230 –030X	10pack	10pack	10pack	30pack
06-03-00313	Stoppers	SYH –100 –061J	10pack	10pack	10pack	30pack
06-03-00314	Test tube racks	TEX –360 –T	20	20	20	60
06-03-00315	Test tube racks	STK –630 –010N	20	20	20	60
06-03-00316	Test tube racks	STK –765 –030R	5	5	5	15
06-03-00317	Test tube racks	STK –765 –050L	5	5	5	15
06-03-00318	Tehermometer	THT –260 –430J	5	5	5	15
06-03-00319	Tehermometer	THT –286 –550S	5	5	5	15
06-03-00320	Timer	TKM –300 –N	5	5	5	15
06-03-00321	Tripod stands	TRW –860 –050P	20	20	20	60
06-03-00322	Trolley	TSF –321 –V	3	3	3	9
06-03-00323	Water still	WGS –570 –040W	1	1	1	3

FROM FISHER CATALOGUE /GLASS-WARE

Code No.	Items	Catalogue No.	Sul.	Kalar	Koya	Total Qty.
06-03-00324	Beakers pyrex	BNB -320 -010N	1pack	1pack	1pack	3pack
06-03-00325	Beakers pyrex	BNB -320 -030H	1pack	1pack	1pack	3pack
06-03-00326	Beakers pyrex	BNB -320 -070S	1pack	1pack	1pack	3pack
06-03-00327	Beakers pyrex	BNB -320 -090M	1pack	1pack	1pack	3pack
06-03-00328	Beakers pyrex	BNB -320 -130D	1pack	1pack	1pack	3pack
06-03-00329	Beakers pyrex	BNB -320 -190Y	1pack	1pack	1pack	3pack
06-03-00330	Beakers pyrex	BNB -320 -210F	1pack	1pack	1pack	3pack
06-03-00331	Beakers pyrex	BNB -320 -230W	1pack	1pack	1pack	3pack
06-03-00332	Bottles,glass,reagent,stoppered,labelled	BTJ -630 -090T	10	10	10	30
06-03-00333	Bottles,glass,reagent,stoppered,labelled	BTJ -630 -110Q	10	10	10	30
06-03-00334	Bottles,glass, dropping	BTR -580 -050Q	20	20	20	60
06-03-00335	Bottles,glass,media	BTS -315 -010H	1pack	1pack	1pack	3pack
06-03-00336	Bottles,glass,media	BTS -315 -030B	1pack	1pack	1pack	3pack
06-03-00337	BOTTLE ,Wash,polyethylene,oval,narrow neck	BTS -580 -030M	5pack	5pack	5pack	15pack
06-03-00338	BOTTLE,Wash,polyethylene,oval,narrow neck	BTS -580 -050G	5pack	5pack	5pack	15pack
06-03-00339	Burettes,glass,single,bore,glass stop cock	BWF -580 -110T	10	10	10	30
06-03-00340	Burettes,glass,single,bore,glass stop cock	BWF -580 -150H	10	10	10	30
06-03-00341	Cylinders,soda lime glass,round base	CYL -320 -010K	10pack	10pack	10pack	30pack
06-03-00342	Cylinders,soda lime glass,round base	CYL -320 -030E	10pack	10pack	10pack	30pack
06-03-00343	Cylinders,soda lime glass,round base	CYL -320 -050V	10pack	10pack	10pack	30pack
06-03-00344	Cylinders,soda lime glass,round base	CYL -320 -0110G	2pack	2pack	2pack	6pack
06-03-00345	Dispensers micro pippete	DHT -447 -040J	2	2	2	6
06-03-00346	Adupter for dispensers	DHT -448 -090L	5	5	5	15
06-03-00347	Adupter for dispensers	DHT -448 -110Y	5	5	5	15
06-03-00348	Flasks,pyrex glass,conical	FHB -375 -050A	2pack	2pack	2pack	6pack
06-03-00349	Flasks,pyrex glass,conical	FHB -375 -090L	2pack	2pack	2pack	6pack
06-03-00350	Flasks,pyrex glass,conical	FHB -375 -130C	2pack	2pack	2pack	6pack
06-03-00351	Flasks,pyrex glass,conical	FHB -375 -150T	2pack	2pack	2pack	6pack
06-03-00352	Flasks,borosilicate glass,volumetric	FHM -255 -130G	1pack	1pack	1pack	3pack
06-03-00353	Flasks,borosilicate glass,volumetric	FHM -255 -150A	1pack	1pack	1pack	3pack
06-03-00354	Flasks,borosilicate glass,volumetric	FHM -255 -171P	2pack	2pack	2pack	6pack
06-03-00355	Flasks,borosilicate glass,volumetric	FHM -255 -210Y	2pack	2pack	2pack	6pack

WHO / SUPPLIES STANDARD ITEMS PRICE ESTIMATES
1997

Code No.	Items	supplier	Sul.	Kalar	Koya	Total Qty.
06-03-00356	Glucometer Elite,with sensors lancets & case	Fleischhacker	1	1	1	3
06-03-00357	additional blood glucose strip box of 100		5	5	5	15
06-03-00358	Diagnostic set contains otoscope,nasal speculum lampholder,laryngial mirrors tongue holder,ophthalmo scope battery handl spare bulb & case	MEG	3	3	3	9
06-03-00359	Sphygmomnometers,mercury 300mm.Hg.	MEG	20	20	20	60
06-03-00360	Stecthoscope,dual	MEG	20	20	20	60
06-03-00361	Volumetric spyrometer,R-model	vitalograph	1	1	1	3
06-03-00362	Vitalogram 6-second charts box of 200	MEG	10	10	10	30
06-03-00363	Card board mouth pieces box of 200	MEG	10	10	10	30
06-03-00364	ECG cardioline delta 1-plu,digital,1/3channel with record. paper	Fleischhacker	2	1	1	4
06-03-00365	Emergency Case,3section complete set	AMBU	1			1
06-03-00366	Examination table,knock down folding,2 section	MEG	2	2	2	6
06-03-00367	Wheel chair,basic model,folding	MEG	2			2
06-03-00368	Sterilizing drums,ss,24cm dia.	MEG	5			5
06-03-00369	Sterilizing drums,ss,29cm dia.	MEG	5			5
06-03-00370	Scale,bath room	MEG	2	2	2	6
06-03-00371	Scale,physician metric					0
06-03-00372	Scale,infant,clinic,with tray	MEG	2	2	2	6
06-03-00373	Asetic acid,glycial A.R.1 lit.	NENTECH	5L	5L	5L	15L
06-03-00374	Anisole 99% 500ml	NENTECH	2L	2L	2L	6L
06-03-00375	Chlorophorm, A.R. 1 lit.	NENTECH	5L	5L	5L	15L
06-03-00376	Glycerol ,500ml	NENTECH	5L	5L	5L	15L
06-03-00377	Hydrochloric acid conc. A.R. 500ml	NENTECH	5L	5L	5L	15L
06-03-00378	Methanol A.R. 1 lit.	NENTECH	10L	10L	10L	30L
06-03-00379	Sulphoric acid conc. A.R.500ml	NENTECH	10L	10L	10L	30L
06-03-00380	Formaldehyd 37.5% solu. 1 lit.	NENTECH	10L	10L	10L	30L
06-03-00381	Phenol,detached crystals, A.R.500 gm	NENTECH	1KG	1KG	1KG	3Kg
06-03-00382	Potassium Iodide , A.R. 500 gm	NENTECH	2KG	2KG	2KG	6Kg

Code No.	Items	supplier	Sul.	Kalar	Koya	Total Qty.
06-03-00383	Silver nitrate A.R. 25gm	NENTECH	250gm	250gm	250gm	750gm
06-03-00384	Tri-Sodim citrate , A.R. 500gm	NENTECH	1KG	1KG	1KG	3Kg
06-03-00385	Sodium hydrogen Carbonate 1 KG	NENTECH	2KG	2KG	2KG	6Kg
06-03-00386	Sodium hydroxide pellets A.R. 500 gm	NENTECH	2KG	2KG	2KG	6Kg
06-03-00387	Sodium thiosolphate hydrate A.R. 500 gm	NENTECH	2KG	2KG	2KG	6Kg
06-03-00388	mercury for sphegmomonometer	NENTECH	1KG	1KG	1KG	3Kg
06-03-00389	bed , hospital complete with matters of water proof cover	-----	2	1	1	4
06-03-00390	Exam.Table compete with accessories	-----	1			1
06-03-00391	Cabinate,drug store,doble door	-----	2			2
06-03-00392	Laryngioscope set	-----	2	1	1	4
06-03-00393	Self propelling wheel chair,adult,folding with detachable	-----	2			2
06-03-00394	Childs Wheel chair	-----	2			2
06-03-00395	X-ray machine with Aceessory	-----	1			1

INSTRUMENTS WITH OUT PRICES

Code No.	Items	Sul.	Kalar	Koya	Total Qty.
06-03-00396	Haemometer (Hb –meter)	4		2	6
06-03-00397	Haemocytometer	20		10	30
	improved “Neubaure” blood counting chamber with cover	40		20	60
06-03-00398	Westergren blood sedimentation rack	10		5	15
	Spare rubber base stopper	100		50	150
	Westergren sedimentation pipettes	100		50	150
06-03-00399	parafilm foil or paper	10roll			10roll
06-03-00400	over head projector (OHP)	5		2	7
	Spare lamps for (OHP)	25		10	35
06-03-00401	Capillary tubes (plain)	50pack		20pack	70pack
06-03-00402	Capillary tubes (heparanized)	50pack		20pack	70pack
06-03-00403	Bilirubinometer	4		2	6
06-03-00404	Hummer (medical)	2		1	3
06-03-00405	Suction pum(UNIMAT)from karl-storz cat.5 th .edi.1/95	2		1	3
06-03-00406	Sonikate	2		1	3
06-03-00407	Proctoscope	2		1	3
06-03-00408	Examination Cautch	2		1	3
06-03-00409	Skin traction	5		2	7
06-03-00410	Skeleton .traction	5		2	7

PREPARED MICROSCOPIC SLIDES

Code No.	Items	Sul.	Kalar	Koya	Total Qty.
06-03-00411	Protozoa (Rhizopoda, Zoomastigophora,	one from	one from		2 form
	Sporozoa , Cillia)	each section	each section		each section
06-03-00412	Platyhelminthes (Trematoda,Cestoda	each section	each section		each section
06-03-00413	Nemathelminthes	each section	each section		each section
06-03-00414	Histology				0
	-Cytology(simple animal cell in sec.	5	5		10
	Mitotic stage in sec. Of cell division	5	5		10
	Meiotic stage in sec.of cell division	5	5		10
	Human chromosomes in sec.)	5	5		10
	-Epithelial cell (simple sequemous epithelium	5	5		10
	Stratified sequemous epithelium	5	5		10
	Columnare	5	5		10
	Endothelium of blood vessels)	5	5		10
	-Connective tissue				0
	striated muscles,smooth	5 for	5 for		10 for
	muscles ,heart muscles				each
	Circulatory system (Arery	5 for	5 for		10 for
	Vein	each	each		each
	Human blood smear"with diff.stain")				0
	Respiratory system	4 for	4 for		8 for
	(Trachea,lung)	each	each		each
	Lymphatic System	6 for	6 for		12 for
	Lymph node,tonsil(human)	each	each		each
	Spleen,Bone marrou				0
	-Endocrine system	6 for	6 for		12 for
	Throid gland,adrenal gland,pituitary gland	each	each		each
	-Digestive (tooth human, oesophagus	6 for	6 for		12 for
	stomach,deudenum,small intestine,colon	each	each		each
	salivary gland,liver)				0
	-Excretory system(Kidney,ureter urethra)	6 for each	6 for each		12 for each
	-Reproductive system(ovary,testis uterus,	6 for	6 for		12 for

Code No.	Items	Sul.	Kalar	Koya	Total Qty.
	sperm smear)	each	each		each
	-Nervous system(cerebral cortex,cerebellum,	6 for	6 for		12 for
	Spinal cord	each	each		each
	-Skin(human skin,hair)	6 for each	6 for each		12 for each
06-03-00415	prepared slides on (pathology)				0
	Miliary tuber culosis of lung	6	6		12
	-Pneumonia(lobar,broncho pneumonia)	6 for each	6 for each		12 for each
	-chronic pneumonia	10	10		20
	-Chronic pulmonary emphysema	10	10		20
	-hemo rrhagic infarct of lung	5	5		10
	-infarction of spleen	3	3		6
	-Amyloid degeneration of spleen	3	3		6
	-Tuberculosis of lymph node	10	10		20
	-Carcinoma of lung(diff)type	15	15		30
	-Cirrhosis of liver	5	5		10
06-03-00416	Reagenfs for determination of serum calcium,	(KITS) 6	(KITS) 6		12(Kits)
	uric acid ,GPT.,GOT,bilirubin,urea	for each	for each		for each
	ALP,ACP,glucose,				0
	Electrolyte,protein,creatinine				0
	creatine,cholesterol.				0

Bacterial culture media required for medical Department

Code No.	ITEM	Sul.	Kalar	Koya	Total Qty.
06-03-00417	Nutrient agar	3 Kg	3 Kg		6Kg
06-03-00418	Nutrient broth	3 Kg	3 Kg		6Kg
06-03-00419	MacConkey agar	3Kg	3Kg		6Kg
06-03-00420	Yeast extract	2Kg	2Kg		4Kg
06-03-00421	Thioglycolate agar	2Kg	2Kg		4Kg
06-03-00422	Triple sugar or Iron Agar	2Kg	2Kg		4Kg
06-03-00423	CLED	2Kg	2Kg		4Kg
06-03-00424	Dextrose	2Kg	2Kg		4Kg
06-03-00425	MacConkey broth	4Kg	4Kg		8Kg
06-03-00426	Peptone	3Kg	3Kg		6Kg
06-03-00427	Kliglar iron Agar	4Kg	4Kg		8Kg
06-03-00428	Sabeurate media	4Kg	4Kg		8Kg
06-03-00429	Gause 1 medium	4Kg	4Kg		8Kg
06-03-00430	Petato Dextrose Agar med.	4Kg	4Kg		8Kg
06-03-00431	Maltose Fructose, Sorbitol, Salicin	4Kg	4Kg		8Kg
06-03-00432	Crystal violet powder	1Kg	1Kg		1Kg
06-03-00433	Carbol Fuchsin powder	1Kg	1Kg		1Kg
06-03-00434	Safranin powder	500gm	500gm		1000gm
06-03-00435	Leishman stain powder	500gm	500gm		1000gm
06-03-00436	Methylene blue powder	500gm	500gm		1000gm
06-03-00437	Iodin	3Kg	3Kg		6Kg
06-03-00438	Nigarsive powder	2Kg	2Kg		4Kg
06-03-00439	Malachite green powder	3Kg	3Kg		6Kg
06-03-00440	Xylol	5L	5L		10L
06-03-00441	Blood grouping reagent	10set	10set		20Set
06-03-00442	SS agar	1Kg	1Kg		2Kg
06-03-00443	TCBS agar	1Kg	1Kg		2Kg

CHEMICALS

Code No.	Items	Sul.	Kalar	Koya	Total Qty.
06-03-00444	Nitric Acid (HNO ₃)	2.5L		2.5L	5L
06-03-00445	Phosphoric acid	1L		1L	2L
06-03-00446	Ethanol	5L		5L	10L
06-03-00447	Mercuric Iodide	51 gm		51 gm	102 gm
06-03-00448	Sodium Sulphite (Na ₂ SO ₃)	1Kg		1Kg	2Kg
06-03-00449	Biuret reagent	1L		1L	2L
06-03-00450	Albumin	6 gm		6 gm	12 gm
06-03-00451	Sodium bisulphite (NaHSO ₃)	1Kg		1Kg	2Kg
06-03-00452	Sodium Nitrite	500gm		500gm	1000gm
06-03-00453	Sudim Pyruvate	500gm		500gm	1000gm
06-03-00454	Sodium chloride	1Kg		1Kg	2Kg
06-03-00455	Sodium tungstate	1Kg		1Kg	2Kg
06-03-00456	Sodium Nitrate	500Kg		500Kg	1000Kg
06-03-00457	Potassium Sodium tartarate	500gm		500gm	1000gm
06-03-00458	Potassium ferri cyanide	500gm		500gm	1000gm
06-03-00459	Potassium dihydrogen phosphate	500gm		500gm	1000gm
06-03-00460	Silver Iodate (AgIO ₃)	1Kg		1Kg	2Kg
06-03-00461	Starch	500gm		500gm	1000gm
06-03-00462	Ammonium molybdate	500gm		500gm	1000gm
06-03-00463	Sodium Acetate	50 gm		50 gm	100 gm
06-03-00464	Sodium Flouride	50 gm		50 gm	100 gm
06-03-00465	Creatinine	500gm		500gm	1000gm
06-03-00466	Aceton	5L		5L	10L
06-03-00467	Alanin	51 gm		51 gm	102 gm
06-03-00468	Ferric Ammonium Sulphite	250gm		250gm	500gm
06-03-00469	Tri chloro Acetic Acid	51 gm		51 gm	102 gm
06-03-00470	Aspartic Acid	250gm		250gm	500gm
06-03-00471	Ketoglutaric acid	250gm		250gm	500gm
06-03-00472	Sodium Nitro Prusside	51 gm		51 gm	102 gm
06-03-00473	Ethyl Acetate	2.5L		2.5L	5L
06-03-00474	Disodium phenyl phosphate	500gm		500gm	1000gm
06-03-00475	Mercuric Nitrate Hg(NO ₃)	500gm		500gm	1000gm
06-03-00476	Diphenyl Carbazone	100gm		100gm	200gm
06-03-00477	Ether	2.5L		2.5L	5L

Code No.	Items	Sul.	Kalar	Koya	Total Qty.
06-03-00478	FeCl ₃	1Kg		1Kg	2Kg
06-03-00479	Sulpho salicylic Acid	1Kg		1Kg	2Kg
06-03-00480	Acetic Anhydride	2.5L		2.5L	5L
06-03-00481	Nessler reagent	2.5L		2.5L	5L
06-03-00482	Urease	100gm		100gm	200gm
06-03-00483	Tungstic acid	500gm		500gm	1000gm
06-03-00484	Phospho tungstic acid	500gm		500gm	1000gm
06-03-00485	2,4-dinitro phenyl hydrazine	500gm		500gm	1000gm
06-03-00486	4-Amino Anti Pyrine	50gm		50gm	100gm
06-03-00487	Calcium hydroxide Ca(OH) ₂	500gm		500gm	1000gm
06-03-00488	Calcium Chloride CaCl ₂	500gm		500gm	1000gm
06-03-00489	Cedar Oil	2L		2L	4L
06-03-00490	Diazo A,B	2L		2L	4L
06-03-00491	Bendict Solution	1L		1L	2L
06-03-00492	Arsino molybdic acid	2L		2L	4L
06-03-00493	Acetyl choline chloride	50gm		50gm	100gm
06-03-00494	Histamine Dihydrogen phosphate	50gm		50gm	100gm
06-03-00495	Carbachol	50gm		50gm	100gm
06-03-00496	Nicotine	50gm		50gm	100gm
06-03-00497	Adrenaline (Amp.)	51 Amp.		51 Amp.	102 Amp.
06-03-00498	Hexamethanium	100gm		100gm	200gm
06-03-00499	Mepyramine	51 Amp.		51 Amp.	102 Amp.
06-03-00500	Procaine HCl	251 gm		251 gm	502 gm