

**PRESCRIBE FORMAT FOR PURCHASE OF HOSPITAL  
EQUIPMENT/INSTRUMENTS AND FURNITURE FOR STATE REFERRAL  
HOSPITAL, FALKAWN UNDER NEDP PROJECT**

<b>1. Bio-Medical Waste Management</b>					
<b>Sl. No.</b>	<b>Item</b>	<b>Qty.</b>	<b>Unit Rate</b>	<b>Rate in words</b>	<b>Amount in figure</b>
1	<b>Incinerator :</b> <i>Capacity : 100 kg/hr with Venturi Scrubber System with Civil &amp; Electrical Works (Turnkey installation)</i>	1			
2	Waste Collection Bins (Plastic) 5 kg	5			
3	Waste Collection Bins (Plastic) 10 kg	5			
4	Waste Transfer Trolley, Heavy Duty	10			
5	Color Coded Plastic Bags : Non Chlorinated, 105 Gauge thickness with BIO-HAZARD symbol printed on them in the following colors <b>Yellow</b>	1000			
	<b>Red</b>	1000			
	<b>Black</b>	1000			
6	<b>Protective Gear Consisting of</b>	25			
	<b>a) Boot (Diff. sizes)</b>				
	<b>b) Gloves (Acid &amp; Alkali resistant) (Diff. sizes)</b>	25			
	<b>c) Face Mask</b>	25			
	<b>d) Apron</b>	25			
	<b>e) Cap</b>	25			
7	<b>Autoclave :</b> For Bio-Medical Waste with accessories Loading Capacity : 132 ltrs.	1 set			
8	<b>Plastic Shredder</b> with accessories Capacity : 100 Kg/Hr.	1 set			
<b>2. Central Laboratory Services</b>					
<b>a) Department of Biochemistry</b>					
<b>Sl. No.</b>	<b>Item</b>	<b>Qty.</b>	<b>Unit Rate</b>	<b>Rate in words</b>	<b>Amount in figure</b>
1	Fully Automated BioChem Analyzer	1			
2	Electrolyte Analyzer	1			
3	Semi-Automated Biochem Analyzer	1			
4	Automated Electrophoresis Apparatus	1			
5	Distillation Plant (RO Desirable)	1			
6	Centrifuge Digital (24 tubes)	2			
7	Test Tubes (12 x 100 mm)	5000			
8	Test Tubes (15 x 125 mm)	3000			

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9	Measuring Cylinder 100 ml	10			
10	Measuring Cylinder 500 ml	10			
11	Measuring Cylinder 1000 ml	5			
12	Volumetric Flask 250 ml	5			
13	Volumetric Flask 500 ml	5			
14	Volumetric Flask 1000 ml	5			
15	Pipettes (set of 4)	5 sets			
<b>b) Department of Microbiology</b>					
Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Binocular Microscope	2			
2	Refrigerator 450 litres	1			
3	Deep Freezer (-20 degree Celcius)	1			
4	Autoclave 250mm x 450mm 1.5kW	1			
5	Serological Water Bath (6 racks) (digital)	1			
6	Centrifuge (Digital) 24 tubes	2			
7	Bacteriological Incubator (Digital)	1			
8	Incubator	1			
9	Micropipettes – Fixed Pipettes				
	a) 1 ml	5			
	b) 10 ml	5			
	c) 50 ml	5			
<b>c) Department of Pathology</b>					
Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Automated Microtome	1			
2	3 Parts Differential Cell Counter	1			
3	Cytospin - LBC System	1			
4	3 part differential Haematoanalyzer	1			
5	10kVA Online Inverter Pure Sine Wave for Blood Bank	1			
6	Binocular Microscope	1			
7	Incubator	1			
8	Calorimeter (for Hb)	1			
9	Slide Cabinet - Culotomy & Biopsy	2			
10	Micropipete (all ranges) (sets of 4)	3			
11	Coagulation Analyzer (Coagulometer)	1			
12	Glass Staining Racks	5			
<b>3. Department of Dental Surgery</b>					
Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Dental Chair Complete Set	1			
2	RVG Dental X-Ray	1			
3	Oil free Air compressor	2			
4	Titanium Plates and Screws (Assorted)	1			
5	Titanium Plates & Screws	1			

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	Reconstruction (Assorted)				
6	Extraction Forceps				
	a) Primary Teeth set	1			
	b) Permanent teeth set	1			
7	Light Curing unit	1			
8	Ultra Sonic Scalers	1			
9	Autoclave 250mm x 450mm 1.5kW	1			
10	Patient Monitor	2			
11	Surgic Micrometer with 2 handpiece	1			
12	Formalin Chamber	1			
13	Air-Roter Handpiece	6			
14	Instruments Locker	2			
15	Glass beads sterilizer	1			
16	Micro Motor with				
	a) Straight Handpiece	1			
	b) Contra-angled Handpiece	1			
17	Dental X-Ray IO PA	1			
18	ORIF Set	1			
19	Lathe Machine	1			
20	Refrigerator 450 ltrs	1			

**4. Department of Dermatology**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Instrument Trolleys	2			
2	Forceps Diff. type	5 each			
3	Needle holder	5			
4	Ophthalmic forceps	5			

**5. Endoscopy Unit**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	5 KVA Online UPS with batteries	1			
2	Suction Apparatus	1			
3	Steel Almirah (Big)	1			

**6. Establishment of Oxygen Plant**

**a) Medical Oxygen Gas Pipeline**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Primary Source : Oxygen Concentrator	1			
Secondary Source:					
2	Fully Automatic Control Panel for Oxygen	1			
3	Oxygen manifold	1			
4	Front insertion type Gas outlets for Oxygen	250			
5	BPC Flow Meter with Humidifier Bottle	250			
6	Isolation Valves 28mm	5			
7	Isolation Valves 15mm	38			

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8	12mmOD x 0.9mm copper pipes (unit in metres)	400			
9	15mmOD x 0.7mm copper pipes (unit in metres)	800			
10	28mmOD x 0.7mm copper pipes (unit in metres)	180			

**b) Vacuum Services Pipeline**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Vacuum System	1			
2	Front insertion type Gas outlets for Vacuum	250			
3	Ward Vacuum Unit	250			
4	12mmOD x 0.7mm copper pipes (unit in metres)	400			
5	22mmOD x 0.9mm copper pipes (unit in metres)	800			
6	42mmOD x 0.9mm copper pipes (unit in metres)	120			
7	Area Alarm System	1			
8	Isolation Valves 42mm OD	6			
9	Isolation Valves 22mm OD	4			

**7. Department of ENT**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Headlight	2			
2	Otosopes	2			
3	Nasal Specula	20			
4	Tongue Depressors	20			
5	Probe with Ring Curette	20			
6	Laryngeal Mirrors	10			
7	Post Rhinoscopy Mirrors	10			
8	Asch Septal Forceps	5			
9	Walsham Septal Forceps	5			
10	Crocodile Forceps	10			
11	Bulls eye lamp with head mirrors	2			
12	Septoplasty Set	5			
13	Micro Ear Surgery Set	4			
14	Direct Laryngoscope	1			
15	Microlaryngeal Forceps	1			
16	Cold light source with fibre optic cable	1			
17	Rigid Nasal Endoscopes (0, 30, 70)	1 each			
18	Paediatric Nasal Endoscope	1			
19	Laryngeal Endoscope	1			
20	Esophagoscope	1			
21	Operating Microscope	1			
22	Drill with Micromotor	1			
23	Diamond Burr Set	2			
24	Fess Instruments	2			
25	Monitor with camera	1			

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26	Formalin Chamber	1			
27	Refrigerator 450 ltrs.	1			
28	Surgical Diathermy	1			
29	Flexible Bronchosocpe	1			
30	Rigid Bronchoscope	1			
31	Furniture for therapy room				
	a) Bed for BERA/OAE	1			
	b) Instruments Locker	1			

**8. Department of Medicine**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Dialysis Machine with RO Plant	2			
2	EEG Machine	1			
3	ABG Analyzer	2			
4	Defibrillator	2			
5	Cardiac Monitor	2			
6	Oxygen Concentrator	4			
7	ECHO Machine	1			
8	ECG Machine	3			
9	Infusion Pump	12			
10	Foldable Screen	6			
11	Viewing box	3			
12	Emergency Light	4			
13	Pulse Oxymeter	6			
14	Spirometer	1			
15	EMG with NCS machine	1			
16	Nebulizer	6			
17	BP Instruments (Digital)	10			
18	Stethoscope	10			
19	Torch Light	10			
20	Tongue Depressor	5			
21	Weighing Machine (Adult)	10			
22	Crash Cart	2			

**9. Department of Obstetric & Gynecology**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Labour Table	2			
2	Phototherapy unit	2			
3	Surgical Hand Instruments (Major & Minor Procedures)	2 sets			
4	Suction Machine	1			
5	Portable Surgical Light	1			
6	Colposcopy	1			
7	Syringe Infusion Pump	1			
8	Patient Monitor	1			
9	Oxygen Concentrator	1			
10	Cryotherapy	1			
11	Cardio-Tocography/Fetal Monitor	1			

**10. Department of Ophthalmology**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Infrared Diode Laser 810nm	1			

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2	Visual field recording equipment	1			
3	Specular Microscope	1			
4	Fundus Camera	1			
5	A-Scan Biometer	1			
6	Autoref Keratometer	1			
7	B Scan Biometry	1			
8	Operation Table Motorized	1			
9	Wet Field Bipolar Cautery	5			
10	Direct Ophthalmoscope	2			
11	Indirect Ophthalmoscope	1			
12	Dacryocystectomy Set	2			
13	5 KVA Online UPS with batteries	2			
14	Cataract Set (Titanium)	5			
15	Operating Microscope	1			
16	A/B Scan	1			
17	NdYAG Laser	1			
18	Pachymeter	1			
19	IOL Master	1			

**11. Department of Orthopaedics**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Ortho OT Table with Fracture table attachment	1			
2	C Arm Image intensifier	1			
3	Basic Arthroscopy set	1			
4	General Instruments kit	1			
5	Instruments for plasters	1			
6	Instruments for spine	1			
8	Instruments and Implants for forearm plating	1			
9	Instruments and Implants for Humerus Plating	1			
10	Instruments and Implants for external fixator	1			
11	Instruments and Implants for femur interlocking nail set	1			
12	Instruments and Implants for Tibia interlocking nail set	1			
13	Instruments and Implants for Femur Plating	1			
14	Battery Cordless Drill	6			
15	Cordless Drill System	1			
16	Power reamer system	1			
17	Humerus Instrument Set	1			
18	Proximal Femoral Nail Set	1			
19	Total Hip Replacement system	1			
20	Total Knee Replacement System	1			
22	MIPO Set	1			
23	DEXA/DXA Machine	1			

**12. Department of Paediatric Surgery**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
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1	Pediatric Compact Cystoscope set 7/7.5 Fr with electrodes (hook/loop/ball/bugbee)	1			
2	Pediatric Upper GI Endoscopy set	1			
3	Pediatric Laparoscopy hand held instruments set (3 mm/5 mm)	1			
4	Double Surface Phototherapy	2			
5	Syringe pump	5			
6	Nebulizer set	5			
7	Suction Machine	2			
8	Multiparameter Pediatric Monitor set	1			
9	Oxygen Concentrator	2			
10	Pediatric Laryngoscope	2			
11	Neonatal Warmer set	3			
12	Pediatric Bed set (with railings)	10			
13	Headlight set	3			
14	Magnifying loupe set (LED Light Source)	1			
15	LCD Projector with Screen	1			
16	Monopolar Diathermy	1			
17	Bipolar Diathermy	1			
18	Operation Table(C-Arm Compatible)	2			
19	Cleft (lip & palate) surgery set	1			
20	Steel Almirah (Big)	1			
21	Steel Rack	1			

**13. Department of Paediatrics**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Syringe Pump	10			
2	Nebulizer	10			
3	Oxygen Concentrator	4			
4	Pulse Oxymeter	4			
5	Double Surface Phototherapy	4			
6	Portable Phototherapy	5			
7	Warmer	10			
8	Bilirubinometer	4			
9	Straight Blade Paediatrics Laryngoscope	4			
10	Paediatrics Bed set (with railings)	15			
11	Suction Machine	4			
12	Curved Blade Paediatrics Laryngoscope	2			
13	Ambu Bag with Mask (Neonatal)	4			
14	Ambu Bag with mask (Children)	4			
15	Patient Monitor	2			
16	Paediatrics Ventilator Set	2			
17	Oxygen blender	3			
18	T-Piece Resuscitator	2			
19	Endotracheal tubes				

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	a) 2.5 mm	20			
	b) 3 mm	20			
	c) 4 mm	10			
20	Paediatric's Circuit	2			
21	Bain's Circuit	2			

**14. Department of Physical Medicine & Rehabilitation**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Parallel working bar	2			
2	Tilt table	2			
3	Medical gym set/combo (weight set, dumbbells set, hand drip, etc)	1			
4	Therapeutic visual feedback mirror	3			
5	Short wave diathermy	1			
6	Paraffin wax bath	2			
7	Electrical stimulator	2			
8	Lumber and cervical traction + table	3			
9	Ultrasound therapy	3			
10	TENS	2			
11	Treadmill	2			
12	Body weight suspension system	1			
13	Electrical limb Passive mobilize upper limb	1			
14	Electrical limb Passive mobilize lower limb	2			
15	Quadriceps chair	2			
16	Interferential current Therapy (IFT)	2			
17	Infrared radiation therapy	1			
18	Prosthetic and orthotic Oven	2			
19	Prosthetic and orthotic work equipments	1			
20	Occupational therapy equipments /sets	1			
21	Treatment tables	10			
22	Deluxe treatment/postural drainage table	1			
23	Ultrasound Machine (3 probe)	1			
24	Ozone Therapy Machine	1			
25	Walking Training Aids (Set)	2			
26	Instrument Boiler/Sterilizer	2			
27	Steel Almirah (Big)	1			
28	Steel Rack	1			

**15. Department of Radiology**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	CT Scan 128 slices <b>(Turnkey installation)</b>	1			
2	X-Ray machine 600 mA Digital	1			
3	Viewing Box	1			



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4	Lead Coat	5			
5	Lead Gloves (Pair)	5			
6	Thyroid Shield (Pair)	5			
7	Film Dryer (50 films)	2			

**16. Department of Respiratory Medicine**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Spirometer	1			
2	Bronchoscope -Whole Set	1			
5	Pulse Oxymeter	2			
6	Vitals Monitor (5 Parameters) (SpO/BP/Pulse/ECG/Breathing Rate)	2			
7	X-Ray View Box for OPD (Large/Double)	1			
8	Oxygen Concentrator	2			
11	Suction Machine	2			
12	ABG Analyzer	1			
13	Infusion Pump	6			

**17. Department of Surgery**

Sl. No.	Item	Qty.	Unit Rate	Rate in words	Amount in figure
1	Laparoscopic Set	1			
2	Uretero Renoscopy Set	1			
3	Cystoscopy Set	1			
4	Lithotripter	1			
5	Harmonic Scalpel	1			
6	Surgical Diathermy	1			
7	Suction Machine	1			
8	Infusion Pump	1			
9	Oxygen Concentrator	1			
10	Foldable Screen	1			
11	Pulse Oxymeter	1			
12	Emergency Light	1			
13	Viewing box	1			
14	Formalin Chamber	1			
15	Patient Monitor	1			
16	Glass Beads sterilizer	1			
17	Allis Tissue Forceps				
	a) Big	10			
	b) Small	10			
18	Artery Forceps				
	a) Big	10			
	b) Small	10			
19	Needle Holder				
	a) Big	5			
	b) Small	5			
20	Scissors				
	a) Big	5			
	b) Small	5			
21	Bowel Clamp	2			
22	Gastric Clamp	2			

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23	Retractors				
	a) Big	5			
	b) Small	5			
24	Skin Hooks	5			
25	Towel Clips	10			
26	Thumb forceps				
	a) Plain	10			
	b) Toothed	10			
27	Self-retaining Retractor				
	a) Big	2			
	b) Small	2			
18	Sump Suction Nozzle	2			
<b>18. General</b>					
1	5 KVA Online UPS with batteries	5			
2	Mobile air decontamination unit	1			