



OFFICE OF THE DEAN & PRINCIPAL
GOVERNMENT MEDICAL COLLEGE & HOSPITAL,
SUNDARGARH (ODISHA)

At/Po- Sankara, Dist-Sundargarh, Pin-770020, Odisha
e-mail- sundargarhmc@gmail.com, Ph No.06622-272088

TENDER CALL NOTICE

RFP No. 2377 /GMCH/SNG.

Dated, 11/12/2023

Dean & Principal, Govt. Medical College & Hospital, Sundargarh invites sealed Tenders in prescribed proforma from the Registered and reputed manufactures / Authorized Distributors / Dealers / Stockists / EPM Rate Contract Holders / Firms / Agencies for **"Supply of chemical and reagents, equipment, instruments, consumable items"** to the office of the Dean & Principal GMCH, Sundargarh, description of which have been enclosed herewith. The Quantity is Provisional and likely to change as per requirements.

The bid document containing the detail information, terms and conditions, etc. can be downloaded from website sundargarh.nic.in / gmchsng.odisha.gov.in.

Modifications / corrigendum, if any, detected / felt necessary at a later stage will be duly published and noticed in the web site of the undersigned. Hence the bidders are advised to check the official website of the Dean and Principal, Govt Medical College & Hospital, Sundargarh to track any modifications / corrigendum etc. or to know the details of any other information, deemed proper, in this regard.

Canvassing in any form shall be liable for disqualification.


Last date of submission of tender is **10.01.2024 by 5.00 P.M.** No tenders will be received after due date and time.

The bidders have to submit sealed tender papers by the due date only by **Speed Post/ Registered Post/ Courier** in the office of the Dean & Principal, GMCH, Sundargarh.

Dean and Principal, Govt. Medical College & Hospital, Sundargarh reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

Key information and important dates:

Sl. No.	Particulars	Information
1	Start Date for availability of bid document in the official websites	11.12.2023
2	Cost of bid document/ processing (non-refundable) by Demand Draft in favour of Government Medical College & Hospital, Sundargarh payable at State Bank of India, ADB, Sadheipali Branch, Sundargarh (Code No.6345)	Rs.2000/- (to be paid along with Technical Bid)
3	Last date and time for receipt of bids by Speed post/ Registered post/ Courier.	10.01.2024 up to 5.00 P.M.
4	Date and time of opening of bids	11.01.2024, 11.30 A.M.
5	Venue of Bids Opening Meeting	Conference Hall of the O/o. Dean & Principal, GMCH, Sundargarh.
6	Address of submission of bids	O/o. Dean & Principal, Govt. Medical College & Hospital, Sundargarh, At/PO- Sankara, PS-Town, Dist.- Sundargarh, PIN-770020.
7	Date & Time of opening of Financial Bid	To be intimated to the technically qualified bidders.


Dean & Principal
GMCH, Sundargarh



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Terms and Conditions

1. The interested Registered and Reputed Manufacturers / Authorised Distributors / Dealers / Stockists / EPM Rate Contract Holders / Firms / Agencies should submit Tender documents in a Sealed Envelope **duly superscribed as "Tender Documents for Supply of chemical and reagents, equipment, instruments, consumable items"** with the **RFP No. & Date**. All the pages of the tender papers should be duly endorsed by the bidder with seal.
2. Each bid must be accompanied by non-refundable Demand Draft of **Rs.2,000/-** (Rupees Two Thousand) only in favour of **"Government Medical College & Hospital, Sundargarh"** as a cost for bid documents / processing.
3. It is a two-bid tender process, that is one is **"Technical Bid"** and the second one is **"Financial Bid"**, which are to be submitted in separate sealed envelope **duly superscribed as Technical Bid / Financial Bid**.
4. The sealed envelope containing the proposals must be delivered to the Dean & Principal, Government Medical College & Hospital, Sundargarh by **Registered Post/ Speed Post/ Courier** only.
5. **Security Deposit @ 5%** of purchase order will be deposited by the empanelled bidder on receipt of supply order which will be refunded after expiry / cancellation of the terms of the bidder.
6. After evaluation of the Technical Bids, the **"Financial Bids"** of the technically qualified bidders only will be opened in the scheduled date (to be intimated later).
7. Bidders have to submit **both** the above sealed envelopes, with other relevant documents, in **another closed envelope** superscribed with **"Supply of chemical and reagents, equipment, instruments, consumable items"** with the **RFP No. & Date** for which bidding is submitted.
8. **A bidder can bid for minimum 50% of the total items or more or all items.**
9. Bids received after due date and time will not be entertained and shall be liable for rejection.
10. The tender paper can be downloaded from website **sundargarh.nic.in / gmchsng.odisha.gov.in**.
11. Photocopy of valid identification documents of the bidder, PAN Card, GSTIN registration certificate and up-to-date GSTR-3B of **December, 2022**, must be enclosed by the bidders with due endorsement and seal.
12. Valid drug license in support of the items for which the bid is submitted (valid documentary proof of dealing with these items as per rule).
13. Photocopy of valid up-to-date Goods Manufacturing Practice (GMP) of the manufacturers and authorized bidder of the manufacturers.
14. The bidder should have experienced for last 03 (Three) consecutive years of supplying chemicals and reagents to Government / Corporate / Public Sector Undertakings in Odisha through open tender process, duly supported by order copies of end-user along with certificate of satisfactory performance.
15. **Copy of valid ISO / ISI / CE / BIS / US FDA / IEC certificate in respect of each item, in which the bidder is participating.**
16. Photocopy of document as valid authorized dealer of the manufacturer with due authorizations, as per rule, for the bidding items.
17. Legal dispute, if any, arises out of this is subject to jurisdiction of Sundargarh head quarter only.
18. The Bidder must not be blacklisted by any Government / Semi-Government / any other organization, what so ever. If found later on, action, deemed proper, including penal action, shall be initiated against the firm as per the law.
19. Delivery of articles must be made at the Storage Point of the Dean & Principal, Government Medical College & Hospital, Sundargarh within **fifteen days** from the date of issue of order. Bidder should not change the product/ item list as per the Tender Serial No. in Annexure-I.
20. Dean & Principal, Government Medical College & Hospital, Sundargarh reserves the right to accept or reject any or all the tender without assigning any reason thereof.

Signature



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21. Dean & Principal, Government Medical College & Hospital, Sundargarh also reserves the right to allot / distribute the indent order to L-2 or any other bidder at the Lowest (L-1) rate in case of L-1 bidder fails to deliver items within the stipulated time or any other situation arises thereof. The decision of the Dean & Principal, Government Medical College & Hospital, Sundargarh is binding to all.
22. The Dean & Principal, Government Medical College & Hospital, Sundargarh reserves the right to select / accept one or multiple agencies, as the case may be for supply of one or multiple items.
23. In case of breach of any terms and conditions and failure to supply the required materials by the successful bidder, the Dean & Principal, Government Medical College & Hospital, Sundargarh has the right to cancel the order / contract without assigning any reason thereof.
24. Valid license and other relevant documents in support of the items for which the bidder is offering bids should be submitted.
25. **The rate should be typewritten / computerized and distinctive. Rewriting, correction with whitener or overwriting in any mode will not be entertained and may be deemed as non-tenable.**
26. The bidder and / or their authorized representatives may remain present at the time of opening of the bid.
27. Self-endorsed sealed copy of ITR to last three Assessment Year, that is 2020-21, 2021-22 and 2022-23 be submitted with the tender papers.
28. **All the tender documents should be signed by the concerned bidder with mercantile seal at the bottom of each page.**
29. The price quoted by the bidder should not be exceed the Maximum Retail Price of the article.
30. The rate quoted and accepted by the Tender Committee will be binding for one year, that is from the date of approval of the tender. No request of increase in rates if any will be allowed or entertained during this period.
31. Under no circumstances shall the organization appoint any Sub-Contractor or Sub-Lease the contract. If it is found that the organization has violated the condition, the contract will be terminated forth with without any notice and Security Deposit by the organization will be forfeited.
32. Previous performance statements, if any, and any other relevant documents, can also be submitted by the bidder, duly authenticated.
33. The tenderer should furnish the **self-attested copies of the following documents** along with the technical bid document:
 - a. Affidavit in a Rs.20/- Stamp Paper duly attested by a Notary Public or Judicial Executive Magistrate to the effect that they are not Black-listed.
 - b. Valid ID proof.
 - c. Up-to-date valid GSTN Certificate, as per rule.
 - d. Valid PAN Card.
 - e. Valid ISI/ISO/GMP certificate.
 - f. Valid Drug Licenses.
 - g. Valid manufacturing license/ Authorisation Certificate for the items.
 - h. Bank Details.
 - i. Annual turnover Certificate of last 3 years (ITR for last three Assessment Years, that is, 2020-21, 2021-22 and 2022-23). **(CA Certificate to be attached)**
 - j. Self-certification to the effect that price quoted is not more than the Open Market Price.
 - k. Any other document as deemed relevant, by the bidder.

MAH
Dean & Principal
GMCH, Sundargarh



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DECLARATION FORM BY THE BIDDER

(Affidavit from Notary Public or Executive Magistrate with Rs.20/- Nonjudicial Stamp Paper)

I/We having our office at do declare that I/we have carefully read all the terms & conditions of tender of Dean & Principal, Government Medical College & Hospital, Sundargarh, Health & Family Welfare Department, Government of Odisha for the supply of Chemicals & Reagents. The approved rate will remain valid for a period of one year from the date of approval. I/We will abide by all the terms & conditions set forth in the Tender No...../GMCH/SNG Dated

I/We do hereby declare that I/we have not been de-recognised / black listed by any State Government / Union Territory / Government of India / any other Organisation for any reason.

I/We agree that the Tender inviting Authority can forfeit the Earnest Money Deposit / Security Deposit and debarred / blacklist me/us for a period of 03 (three) years for any violation of terms and condition of tender and can display this information in any public domain.

I/We further declare that I/we possess valid documents as per the terms and conditions of the tender. Tender inviting Authority, can, at any time, physically verify the original documents or get clarifications in this regard from any authority, as deemed proper.

I/We further declare that the price quoted is not more than the Open Market Price

Signature of the bidder/ bidders/ authorised signatory with Seal
Name & Address of the Firm

Date:

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DECLARATION FORM BY THE BIDDER

I/We having our office at
..... do hereby declare that the price of
the items quoted is not more than that of the Open Market Price.

Signature of the bidder/ bidders/ authorised signatory with Seal
Name & Address of the Firm

Date:

[Handwritten signature]

PROFORMA FOR TECHNICAL BID
INFORMATION ABOUT THE BIDDER
(To be furnished in Cover "A" Technical Bid)

Sl. No.	Particulars	Details	Document Sl. No.
1	Name of the Bidder		
2	Address of the Bidder		
3	E-mail ID of the Bidder		
4	Mobile No. (with WhatsApp) of the Bidder		
5	Details of Bank Account (Attach cancelled cheque / 1 st page of Pass Book) Name of Account Holder Name of Bank with Branch Account Type Account No. IFS Code		
6	Affidavit in Rs.20/- Stamp Paper for not being blacklisted.		
7	Valid Authorisation Letter from the Manufacturer or firm / Manufacturing License in original.	No. Date:	
8	Up-to-date valid GSTN Certificate	No. Date:	
9	PAN details		
10	Aadhar No of the Tenderer / authorized representative		
11	Valid ISI/ISO/GMP Certificate	No. Date:	
12	Valid Drug License	No. Date:	
13	Cost of Bid Document (DD / Pay order) of Rs.2000/-	No. Date:	
14	Up-to-date Annual Turnover Certificate for last 3 Assessment years Turnover should be minimum of one crore per annum (CA certificate to be enclosed)	AY 2020-21 Ay-2021-22 Ay-2022-23	
15	IT return of last 3 years (Income Tax Acknowledgement copies)	AY 2020-21 Ay-2021-22 Ay-2022-23	
16	Certificate to the effect that price quoted is not more than the Open Market Price.		

N.B.: Self attested copies of the relevant documents are to be attached with this document.

Place:
Date:

Authorised Signatory
(Signature and seal of the Authorised Signatory)

[Handwritten Signature]
18/12/23



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PROFORMA FOR FINANCIAL BID

Sl. No.	Sl. No. of Items as per Item List (Annexure)	Name of Item	Unit (Packet/ML/ Litre/Kg/Gm)	Price per Unit
1	2	3	4	5

Authorised Signatory
(Signature and seal of the Authorised Signatory)

Place:
Date:

LIST OF ITEMS QUOTED

(To be submitted with Cover-A: Technical Bid)

Sl. No.	Sl. No. of the Item (As per item List in Pro Forma- (Annexure-I))	Item Name	Specification	Manufacturer/ Authorised Manufacturer Name
1	2	3	4	5

Authorised Signatory
(Signature and seal of the Authorised Signatory)

Place:
Date:

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MANUFACTURER'S AUTHORISATION FORMAT

To,

The Dean & Principal,
Government Medical College
& Hospital, Sundargarh.

Ref: Tender No...../GMCH/SNG, Dated.....

Madam/Sir,

I/We..... Who are established and reputed manufacturer's of
..... having factories at do hereby authorize
..... to submit the bid and sign the contract as per the above referred tender and
also true raise bills, collect payment, as per rule.

I/We also extend our full guarantee for the items quoted by
..... as per the terms and
conditions in the above referred tender.

Yours faithfully,

Authorised Signatory

PERFORMANCE SHEET

(Attach separate sheet if necessary)

Sl.No.	Address of the Purchaser	Order No.	Order Date	Value (in Rs.)	Tender Reference No.	Page No. in the Bid	Satisfactory supply of the Order (Proof)	Page No. in the Bid
1	2	3	4	5	6	7	8	9

Authorised Signatory
(Signature and seal of the Authorised Signatory)

Place:

Date:

[Handwritten signature]



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ANNEXURE
TENTATIVE LIST OF CONSUMABLES REQUIRED

Sl. No.	Description	Specification	Quantity (Appx)
1	2	3	4

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BIO-CHEMISTRY			
SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
1	Test tube	15ml	200
2	Test tube	8ml	200
3	Test tube	30ml	200
4	Test tube Stand		25
5	Test tube Holder		25
6	Measuring Cylinder	100ml	10
7	Measuring Cylinder	250ml	10
8	Measuring Cylinder	500ml	10
9	Measuring Cylinder	1000ml	10
10	Funnel	50mm, 100mm	3 Each
11	Conical Flask	100ml	10
12	Conical Flask	250ml	10
13	Conical Flask	500ml	10
14	Conical Flask	1000ml	10
15	Beaker	100ml, 250ml, 500ml, 1000ml	5 Each
16	Reagent Bottle	100ml	10
17	Reagent Bottle	250ml	10
18	Reagent Bottle	500ml	10
19	Reagent Bottle	1000ml	10
20	Tripod Stand		50
21	Wash Bottles	500ml	25
22	Glass Rod (Borosilicate)	D-100mm, L-10-200mm	20
Reagents			
23	Sodium Hydroxide		1 Kg
24	Copper Sulphate		1 Kg
25	Conc. Nitric Acid		5 liters
26	Ninhydrin Solution		500ml
27	Silver Nitrate Solution		1 liter
28	Picric Acid Solution		500 ml
29	Ammonium Sulphate Powder		1 Kg
30	Chlorophenol Red		25 gm
31	Sodium Hydroxide		1 Kg

32	Molisch Reagent		500 ml
33	Benedict's Reagent		2500 ml
34	Fehling's Reagent		1000 ml
35	Barfoed's Reagent		1000 ml
36	Seliwanoffs Reagent		500ml
37	Glucose		2 kg
38	Fructose		1 kg
39	Maltose		1 kg
40	Sucrose		1 kg
41	Starch		1 Kg
42	Dextrin		1 Kg
43	Iodine		100 gms
44	Phenyl Hydrazine		1 Kg
45	Sodium Acetate		5 kg
46	Chloroform		1 liter
47	Sodium Carbonate		1 Kg
48	Potassium Hydroxide		1k
49	Calcium Chloride		5 kg
50	Hables Iodine		1 liter
51	Sulphuric Acid		2.5 liter
52	alpha naphthol		500 gms
53	Ammonium Molybdate Powder		500 gms
54	Actone		20 liters
55	Aceto Acetate		1 liter
56	Ammonia		2.5 liter
57	Amino Acid Kit		1
58	Amido Black		500 gms
59	Bromocresol green indicator		25 gms
60	Nitrobenzene		1 liter
61	Benzidine powder		100 gms
62	Copper Acetate		1 kg
63	Chromic Acid		1 kg
64	Dimethyle aminoazobenzene		500 gms
65	Calcium Carbonate		5 kg

66	Distilled water		100 liters
67	Dextrose		1 kg
68	Dimethyl yellow		1 kg
69	Ethanol		5 liters
70	Diethyl ether		1 liter
71	Ehrlich reagent		1 liter
72	Formaldehyde		1 kg
73	Ferric Chloride		1 kg
74	Filter paper		1 Pack
75	Glycerol		1 liter
76	Hydrogen peroxide		1 liter
77	Magnesium sulphate		1 kg
78	Methanol		1 liter
79	Methyl Red Indicator		100 gms
80	Nitric acid		1 liter
81	Phenol Red		100 gms
82	Phenolphthalein		100 gms
83	Resorcinol		1 kg
84	Sodium Potassium tartarate		500 gms
85	Sodium Nitroprusside		100 gms
86	Sodium Hypobromite Solution		500 ml
87	Sulphosalicylic acid		500 gms
88	Sulphur powder		1 kg
89	Trichloroacetic acid		500 gms
90	TRIS HCL		100 gms
91	Urease Solution		100 gms
92	Glucose Estimation Kit		5 Kits
93	Urea Estimation Kit		5 Kits
94	Creatinine Estimation Kit		5 Kits
95	Total Protein Estimation Kit		5 Kits
Instruments			
96	Urinometers calibrated (Mercury based instruments to be replaced with other alternatives)		1

97	Thermometer	0 – 250 degree Celsius	1
98	pH meters of wide range digital		1
99	Fixed volume pipettes	1ml,0.5ml,0.2ml,0.1ml and 0.02ml	1 Each
100	Variable and fixed volume micro auto pipettes	1ml,0.5ml,0.2ml	2 Each
SPM			
SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
101	Height measuring stand		3
102	Chloroscope		10
103	Horrock's Apparatus		3
104	BP Apparatus (Digital)		5
105	Stethoscope		10
106	Sound level meter		3
107	Needle Shredder		3
108	Craft water testing kit		1
109	Clinical Thermometer		10
110	First Aid Kit		1
111	Haemoglobinometer		5
112	Sound level meter		3
113	Water sampling bottle	100ml	1
114	Harpender calipers (for skinfold thickness)		1
115	Digital weighing balance scale		1
116	Treatment kits as per national health programs	(malaria kit, Hiv kit, nischay kit, hepatitis B & C, dengue kit, covid kit)	1 each
117	Iodine testing kit		1
118	Mosquito catching kit		1
MODEL(Universal size)			
119	SLOW SAND FILTER		1
120	RAPID SAND FILTER		1
121	SANITARY WELL		1
122	Food and Nutrition (Sources of Vitamin A)		1
123	Vitamin B		1
124	Vitamin C		1
125	Vitamin D		1

126	Vitamin E		1
127	Body and head louse		1
128	Sand fly		1
129	Tse Tse fly		1
130	Hard tick		1
131	Soft tick		1
132	House fly		1
133	RAIN WATER HARVESTING MODEL		1
134	Itch mite		1
ENTOMOLOGY SLIDES			
135	Culex mosquito	male	5
136	Culex mosquito	female	5
137	Anopheles mosquito	male	5
138	Anopheles mosquito	female	5
139	Aedes mosquito	male	5
140	Aedes mosquito	female	5
141	Culex eggs		5
142	Anopheles eggs		5
143	Aedes eggs		5
144	Mouth parts of Culex	male	5
145	Mouth parts of Culex	female	5
146	Mouth parts of Anopheles	male	5
147	Mouth parts of Anopheles	female	5
148	Culex larva		5
149	Anopheles larva		5
150	Culex pupa		5
151	Anopheles pupa		5
152	Housefly	adult	5
153	Housefly larva		5
154	Housefly eggs		5
155	Head louse		5
156	Pubic louse		5
157	Soft tick		5
158	Hard tick		5

159	Rat Flea		5
160	Cyclops		5
161	Sandfly		5
CHARTS (20*26 inches)(thick laminated both side and attached with plastic strip)			
162	Xerophthalmia		1
163	Vitamin D deficiency		1
164	Vitamin deficiencies		1
165	Classification of food		1
166	Different food groups		1
167	Anaemia		1
168	Rabies		1
169	Tetanus		1
170	Measles		1
171	Rubella		1
172	Dengue		1
173	Chicken Pox		1
174	Small Pox		1
175	Poliomyelitis		1
176	Diagnostic algorithm for TB,NTEP		1
177	Comparative study of		1
178	aedes,anopheles,Culex		1 each
179	Diarrhoea		1
180	Dehydration		1
181	Malnutrition		1
182	Maternal and child health		1
183	National immunization schedule		1
184	Growth Chart WHO and NCHS Weight for age Z-scores for boys & Girls		1
185	Growth chart ICDS		1
186	Classification of health care waste		1
187	Colour coding of waste container		1
188	Biomedical Waste Management rule,2018(handling and management)		1
189	Steps of handwashing		2
190	Universal infection prevention practices		1

191	IMNCI Classification and charts		1
192	Life cycle of Plasmodium vivax, Falciparum		1
193	Life cycle of Lymphatic filariasis		1
194	Life cycle of Japanese Encephalitis		1
195	Life cycle of Ascaris		1
196	Lumbricoides		1
197	Life cycle of Enterobius vermicularis		1
198	Life cycle of leishmania tropica(sand fly)		1
199	Life cycle of Ancylostoma duodenale (hook worm)		1
200	Life cycle of trichuris trichuria (whip worm)		1
201	Life cycle of Entamoeba histolytica		1
202	Life cycle of Dracunculus		1
203	medinensis		1
204	Life cycle of aedes, anopheles, culex		1

FMT

SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
205	Anthropometric Set including		1
	(A) Folding Metal Rod	up to 7ft	
	(B) Osteometric Board		
	(C) Craniometer		
	(D) Mandibulometer		
	(E) Goniometer		
	(F) Vernier Calipers		
	(G) Equipment for Reporting Height		
	(H) Weighing Machine Dial type Human		
206	Digital PH Meter		1
207	Digital Spectrophotometer		1
208	Chemical Balance		1
209	Spectroscopic Lens with Adjustable Slit		2
210	Dissection Set Complete		5
211	Digital BP Instrument		2
212	Stethoscope		2
213	Stryker Type Autopsy Saw With Accessories		1

214	Hack Saw		1
215	Weighing Machine for Fetus		1
216	Measuring Tape	Steel tape roll	2
217	Magnifying lens	3 inch radius (convex)	2
218	Hand set heat sealer		1
219	Rectal Thermometer		1
220	Glass Jar of size	140 x 215 x 100 mm	10
221	Glass Jar of size	225 x 225 x 125 mm	10
222	Glass Jar of size	220 x 140 x 140 mm	10
223	Formalin Solution		50 Liter
224	Glycerin		5 Liter
225	Stomach Tube/ Gastric Lavage Tube	adult size	2 nos
226	Fetoscope aluminium double sided pinard		2 nos
227	Tourniquet	rubber tourniquet for snake bite)	2 nos
228	Foley's Catheter		2 nos
229	A3 Printer/Scanner/Copier With Accessories		1 no
230	50 cc glass bottle with cover		50 nos
Rexes charts 4*2 .5 feet			
231	Entrance Wound on Skull by Rifled Fire arm		1 Unit
232	Exit Wound on Skull by Rifled Fire arm		1 Unit
233	Entry Wound on Skull by Shot Gun		1 Unit
234	Exit Wound on Skull by Shot Gun		1 Unit
235	Deep Incised Wound on Side of Neck		1 Unit
236	Electrical Entry Wound		1 Unit
237	Ligature mark of neck in case of hanging		1 Unit
238	Ligature mark of neck in strangulation		1 Unit
239	Types of hymen		1 Unit
240	Depressed fracture of skull		1 Unit
PATHOLOGY			
SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
241	Acetone	500ml	2
242	Ammonium Sulfate	500gm	2
243	Barium Chloride	500gm	2

244	Benedicts Solution	500ml	6
245	Benzidine Powderl	100gm	1
246	DPX	500ml	5
247	Dextrose	500gm	4
248	EDTA Powder	100gm	2
249	Eosin	250gm	5
250	Formaline	500ml	8
251	Giemsa Powder	25gm	2
252	Glacial Acetic Acid	500ml	12
253	Methanol	2500ml	15
254	Methylene Blue	100gm	1
255	OG6 Powder	100gm	4
256	Paraffin Wax With Melting point 60 degree C		100
257	New methylene blue	100gm	1
258	Propranolol	2.5lit	30
259	Sodium Citrate	500gm	2
260	Sodium Metabisulphate	500gm	1
261	Sodium Nitroprusside	100gm	1
262	Surgical Spirit	1l	20
263	Strong Ammonia	500ml	2
264	Hematoxyline Powder	25gm	10
265	Hydrogen Peroxide	500ml	2
266	Leishman's Stain Powder	25gm	10
267	Light Green	10gm	1
268	MayGrunwalds Stain	25gm	1
269	Toludine Blue	25gm	1
270	Xylene	2500ml	10
271	Rapid H&E stain solution kit		10
272	Rapid Pap Stain kit		10
GLASS WARES, PLASTIC WARES ETC			
273	Coplin jars (plastic)	L*8"H-6*6*11.4	30
274	Acrylic sheet (thin)	50sqft	2
275	Trough for staining		4
276	Staining Jar (Glass)		4

277	Reagent bottle	1L	20
278	Dropping bottle	60ml	20
279	Magnifying lens	3 inch radius convex	1
280	Albuminometer		1
281	Museum jars	140x215x100mm	5
282	Museum jars	225x225x125mm	5
283	Museum jars	220x140x140mm	5
284	Beaker	100ml	2
285	Beaker	250ml	2
286	Beaker	500ml	2
287	Measuring Beaker with handle (glass)	1l	1
288	Bottle for Reagents (Stopper)	100ml	10
289	Bottle for Reagents (Stopper)	250ml	10
290	Bottle for Reagents (Stopper)	500ml	6
291	Bottle for Reagents (Stopper)	1000ml	4
292	Wash Bottle	500ml	20
293	Measuring Cylinder	25ml	2
294	Measuring Cylinder	100ml	2
295	Measuring Cylinder	500ml	2
296	Measuring Cylinder	1000ml	2
297	Graduated centrifuge tube	15ml	10
298	Plane centrifuge tube	15ml	10
299	Hand protector grip	7 inches	1
300	Glass pipette	5ml	4
301	Glass pipette	10ml	4
302	Pasteur pipette	3ml	4
303	Auto pipette	10-100 μ L	2
304	Auto pipette	20-200 μ L	2
305	Auto pipette	100-1000 μ L	2
306	Rubber teats	small, medium, large	15 each
307	Measuring Scoops pkts		10
308	Glass slides for microscope		100
309	Universal microtip box		5
310	Tips Auto pipette	10-100 μ L	30

311	Tips Auto pipette	20-200µL	30
312	Tips Auto pipette	100-1000 µL	30
313	Test Tube	15ml	100
314	Test Tube	20ml	50
315	Test Tube (Thick)	30ml	30
316	Test Tube Racks	30capacity	20
317	Test Tube Holder		20
318	Test Tube Brush different sizes		4
319	Conical flasks	100ml	4
320	Conical flasks	250ml	4
321	Conical flasks	500ml	4
322	Conical flasks	50ml	4
323	Round bottom flask	100ml	4
324	Volumetric flask	500ml	4
325	Volumetric flask	100ml	4
326	Slide tray flat (alluminium)	(20 slide capacity)	20
327	Slide tray grooved	40 slide capacity)(alluminium)	10
328	Westergren ESR pipette with stand		10
329	Wintrobe hematocrit tube		4

HP SLIDES For Dept. of Pathology [20 sets each]

330	LOBAR PNEUMONIA		20
	BRONCHOPNEUMONIA		20
	NUTMEG LIVER		20
	METASTATIC CARCINOMA LIVER		20
	CAVERNOUS HEMANGIOMA LIVER		20
	HODGKIN'S LYMPHOMA (MIXED CELLULARITY TYPE WITH RS CELL)		20

PHARMACOLOGY

SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
331	Special drug delivery systems like:-		
	A.Metered dose inhaler,		10 sets
	B.Spacers,		10 sets
	C.Rotahalers,		10 sets
	D.Nasal Spray,		10 sets

	E.Transdermal Patches		10sets
	F.Insulin Infusion pumps,		2 sets
	G.Nebulizer		1 set
	H.Insulin pen		5PCS
332	Mankin: Items below		
	A.Injectable training arm		5pcs
	B.Buttock injection Model		5pcs
333	A.STOP WATCH		2
	B.DIGITAL SPHYGMOMANOMETER		5
	C. Weighing machine		1
	D. Stethoscope		5
334	CHARTS AND MODELS :-		
	A.TO ILLUSTRATE THE PHARMACODYNAMIC AND PHARMACOKINETIC PROPERTIESOF DRUGS		10 Sets
	B. A.TO ILLUSTRATE MODE OF ACTIONS OF DRUGS ON DIFFERENT SYSTEMS		
335	A.Samples of dosage formulations of various types including rational and irrational FDC		10 Sets
	B.Essential Medicines		
PHYSIOLOGY			
SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
336	TARSONS UTILITY TRAY PP	32x26x7cm	70Pcs
337	Dropper(plastic)	5ml,10ml	50 each
338	Cover slip		10packets
339	Slide(glass)		3packets
340	Dropping bottle	60ml	100pieces
341	Cotton	400gm	5packets
342	Leishman stain	250ml	10Bottle
343	Distilled water	5ltr	5bottle
344	Lancet		10packets
345	Xylene	500ml	10 bottle
346	Cedar wood oil	25ml	10Bottle
347	Rectified spirit	400ml	10 bottle
348	Wash bottle	500ml	100pieces
349	Watch glass/petridish	75-90mm	60pieces

350	RBC Diluting fluid	500ml	5bottle
351	WBC diluting fluid	500ml	5bottle
352	N/10 HCL	500ml	5 bottle
353	Capillary tube		5packets(100*2)
354	Filter paper		20 pieces
355	Exam bell		2 pic
356	Normal saline	500ml	2 bottle
357	Antisera A+B+D	10ml	10 packets
358	Measuring tape		10 pieces
359	White bloating paper		60 pic
360	Sahli haemoglobinometer		30 box
361	Leucoplast	2.5cm	6 rolls
362	Tuning fork	256Hz	5pic
363	Ishihara Chart	18x16x2.5cm	2pcs
364	Jaegers Chart	11.43x0.64x17.78cm	2pcs
365	Snellens Chart	17x11 inches	2pcs
366	Sphygmomanometer		35pcs
367	Kymograph		1pc
368	Student Spirometer		7pcs
369	Myograph Stand		1pc
370	Stethography		2pcs
371	Compass aesthesiometer		1pc
372	Thermo aesthesiometer		1pc
373	Mini peakflowmeter		3
374	Thermometer	digital	2pcs

ANATOMY

SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
375	Ethanol	500ml	20 bottle
376	Phenol	500ml	20bottle
377	Thynol	25gm	10bottle
378	Eosin	25gm	2bottle
379	Haematoxilym	125ml	2bottle
380	Xylene	500ml	2bottle
381	Paraffin wax	500gm	2bottle

382	DPX	250ml	1 bottle
383	Formalin	5ltr	100 jars
384	Histology slide set*		5set
385(H X L X B)	Glass jar with lid, jointless	30x 20x15cm	15
	Glass jar with lid, jointless	25x25x12cm	15
	Glass jar with lid, jointless	25x16.5x14cm	
	Glass jar with lid, jointless	20x12.5x12.5cm	
386	Dissecting instruments set for cadaveric dissection*		10 sets
387	Photographs laminated framed on board.	16x21 feet	6
388	Plastic tanks for soft and dissected parts		5
389	Chart Laminated and attached with durable strip)*	20x26 feet	40
SL.NO(10). HISTROLOGY SLIDE SET			
390	Hyaline cartilage		1
391	Elastic cartilage		1
392	Fibrocartilage		1
393	T.S. compact bone		1
394	L.S. compact bone		1
395	Cancellous bone		1
396	Lymph node		1
397	Spleen		1
398	Thymus		1
399	Palatine tonsil		1
400	Skeletal muscle		1
401	Smooth muscle		1
402	Cardiac muscle		1
403	T.S. nerve		1
404	Elastic artery		1
405	Muscular artery		1
406	Vein large		1
407	Vein medium size		1
408	Skin (thin)		1

409	Skin (thick)		1
410	Parotid gland		1
411	Submandibular gland		1
412	Sublingual gland		1
413	Kidney		1
414	Urter		1
415	Urinary bladder		1
416	Urethra		1
417	Testis		1
418	Epididymis		1
419	Vas deerence		1
420	Prostate gland		1
421	Seminal vessicle		1
422	Penis		1
423	Ovary		1
424	Uterus		1
425	fallopian tube		1
426	Placenta		1
427	mammary gland		1
428	Supra renal gland		1
429	Thyroid		1
430	Parathyroid gland		1
431	Pituary gland		1
432	Retina		1
433	Cornea		1
434	Spinal cord		1
435	Cerebellum		1
436	Cerebral caortex		1
437	Tongue		1
438	Esophagus		1
439	Stomach (funds)		1
440	Stomach (pylorus)		1
441	Duodenum		1
442	Jejunum		1

443	Ileum		1
444	Appendix		1
445	Large intestine		1
446	Rectum		1
447	Umbilical cord		1
448	Epiglottis		1
449	Trachea		1
450	Lungs		1
451	Liver		1
452	Pancreas, endocrine		1
SL.NO.(12). LIST OF MODELS			
453	Development of tongue		1
454	Development of pancreas		1
455	Development of liver and gallbladder		1
456	Development of stomach		1
457	Development of anal canal		1
458	Development of pituitary gland		1
459	Development of heart		1
460	Development of kidney, ureter, bladder		1
461	Development of male genital system		1
462	Development of female genital system		1
463	Development of pharyngeal arch arteries		1
464	Development of inferior vena cava		1
465	Development of portal vein		1
466	Model of human eye in socket vertical section showing muscles, optic nerve, lens, iris, cornea. Dissectible into parts		1
467	Model of ear large size showing external ear, middle and inner ear		1
468	Model of nasalcavity and pharynx sagittal section viewed from middle side		1
469	Larynx anterior view, posterior view, side views and sagittal section		1
470	Model of heart, showing interior		1
471	Model of lungs, trachea		1
472	Model of kidney, ureter, bladder		1
473	Model of sagittal section male pelvis		1

474	Model of sagittal section female pelvis		1
SL.NO.(13). DISSECTING INSTRUMENT SETS			
475	Scalpel with blade		1
476	Fine scissors		1
477	Coarse scissors		1
478	Fine forceps		1
479	Toothed forceps		1
SL.NO.(14). PHOTOGRAPHS (SIZE 16" X 21", LAMINATED FRAMED ON BOARD)			
480	Hippocraties		1
481	Henry gray		1
482	Galen		1
483	Susruta		1
484	Andreas vesalius		1
485	Willium hunter		1
SL.NO.(16). CHART (SIZE- 20" X 26", LAMINATED AND ATTACHED WITH DURABLE STRIP)			
486	The muscular system		1
487	Nervous system		1
488	Automatic nervous system		1
489	Vascular system		1
490	Lymphatic system		1
491	Respiratory system		1
492	The female reproductive system		1
493	The male reproductive system		1
494	Digestive system		1
495	Urinary tract		1
496	The ear		1
497	Pharynx and larynx		1
498	Foetal circulatory system		1
499	Optic path way		1
500	Vestibulocochlear path way		1
501	Male pelvic organ		1
502	Female pelvic organ		1
503	Menstrual cycle		1
504	The eye anatomy		1

505	Development of embryo in first week		1
506	Development of embryo in second week		1
507	Development of embryo in third week		1
508	Development of embryo in fourth week		1
509	Development of embryo in fifth week		1
510	Development of embryo in sixth week		1
511	Development of embryo in seventh week		1
512	Fetus in 9,11,12 and 8 week of development		1
513	Fetus in 19th to 23rd week of development		1
514	Development of body cavities		1
515	Formation of cardiac loop		1
516	Development of sinus venosus		1
517	Formation of cardiac septa in common atrium		1
518	Formation of septum and ventricles		1
519	Development of arterial system		1
520	Circulation before and after birth		1
521	Stomach development liver, gall bladder and pancreas development		1
522	Mid gut and hind gut development		1
523	development of kidney, ureter, bladder		1
524	Development of male genital system		1
525	Development of female genital system		1

MICROBIOLOGY

SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QUANTITY
526	Ethanol (absolute alcohol)	500ml	10
527	Acetone	2.5L	3
528	Agar powder	100gm	3
529	Andrades indicator	125ml	5
530	D arabinose	10g	1
531	L Arginine mono hydrochloride CAS 1119-34-2	25gm	1
532	Basic fuschin	25gm	1
533	Bromocresol purple	5gm	1
534	Bile esculin agar	100gm	1
535	Brain heart infusion broth – dehydrated	500g x 2	2
536	Bromothymol blue	5gm	1

537	Calcium hypochlorite	500gm	10
538	CLED agar w/bromothymal blue – dehydrated	500gm x 3	3
539	Corn meal agar	100gm x 1	1
540	Cresol red	5gm	1
541	Crystal violet – Practical grade	25gm	5
542	Deoxycholate Citrate Agar	100gm x 1	1
543	Dextrose	500 gm	1
544	Ferric Chloride Anhydrous	500 gm	1
545	Formaldehyde	5 L	2
546	Hydrochloric Acid	5 L	4
547	Hydrogen Peroxide (50%)	500 mL	2
548	Iodine Granules	100 gm	3
549	Kovac's Reagent Solution	100 mL	5
550	Lactophenol Cotton Blue Stain	100 mL	2
551	Lactose (Bacteriological Grade)	500 gm	1
552	Liquid Paraffin	500 mL	5
553	MacConkey Broth – Double strength – Dehydrated	100 gm x 2	2
554	MacConkey Brith - Dehydrated	100 gm x 1	2
555	Malachite Green	25 gm	1
556	D Maltose	100 gm	1
557	D Mannitol	500 gm x 1	1
558	Mannitol Salt Agar	100 gm x 1	1
559	McFarland Standard Set	1 set	1
560	McConkey Agar - Dehydrated	500 gm x 1	2
561	Meat Extract	500 gm x 1	1
562	Methanol	1 L	2
563	Methylene Blue Trihydrate- practical grade	25 gm	2
564	Metal Loop Holder (Brass) without loop where any size of nichrome wire can be inserted	1 x 24 Nos	1
565	Methyl Red - Practical Grade	25 gm x 1	1
566	Muller -Hinton - Agar - Dehydrated	500 gm x 3	3
567	α - Naphthylamine	100 gm	1
568	α -Naphthol	100 gm	1
569	Neutral Red	10 gm	1
570	Nigrosine Stain (10%)	100 mL	2

571	Nutrient Agar Dehydrated	500 gm x 2	2
572	Oil Of Olive	100 mL	2
573	Paraffin Wax	500 gm	1
574	Phenol Crystals LR	500 gm	4
575	Phenol Red	25 gm	1
576	Potassium Hydroxide	500 gm	2
577	Potassium Iodide	100 gm	2
578	Potassium Nitrate AR- acs	500 gm	1
579	PPA (Phenyl Pyruvic Acid) Medium – Dehydrated	100 gm x 1	1
580	Robertson's cooked meat medium - Dehydrated	500 gm x 1	1
581	Sabouraud's Dextrose Agar	500 gm x 1	1
582	Safranin - Practical Grade	25 gm	4
583	Simmon's Citrate Medium - Dehydrated	100 gm x 1	2
584	sodium Hydroxide flakes	500gm	1
585	Sucrose-Lab reagent	500gmx1	1
586	sulfuric acid	2.5L	2
587	TCBS agar-100gm dehydrated	100gmx1	3
588	TSI agar	100gmx1	2
589	Urea powder -Lab reagent	500gmx1	1
590	yeast extract	100g	1
591	ZN stain kit(strong carbol fuchsin+20% H2SO4+ methylene blue solution)	50kits	20
592	Urea agar base with urea 40% suppliment	500gm,209vials	1
Differential Discs			
593	Oxidase Disc	1 vial (50disks)	10
Borosilicate Glassware & Plasticwares			
594	Beakers with spouts	100 ml	5
		250 ml	5
		500 ml	5
		1000 ml	5
595	Conical flasks with autoclavable screw caps	250 ml	10
		500 ml	10
		1000 ml	5
		25 ml	1

596	Measuring cylinders (Graduated)	100 ml	1
		250 ml	1
		500 ml	1
		1000 ml	1
597	Petri Dishes	100 mm	100
		75-80 mm	100
		50 mm	100
598	Test Tubes	10x75 mm	10
		12x75 mm	10
		12x100 mm	12
		15x125 mm	14
		18x150 mm	17
		25x150 mm	26
599	Durhams tube	0.5cmx5cm(approx)	500
600	Reagent bottles screw capped/stoppered	2000ml	4
		1000ml	4
		500ml	4
		250ml	4
		100ml	4
		50ml	4
601	dropping bottles (60ml)	60ml(6)	305
602	microscopic slides	10x50	50
603	slide box	100slides/box	5
604	test tubes stand	32mm	5
		20mm	12
605	test tube basket with cover	180x170x160mm	1
		230x230x230mm	1
606	microscope cover glass	22x22mm	10
		22x40mm	4
607	micro slide standard plain	75x25x1.2mm(10x15mm)	1
608	assorted nicrome loops	10x10 no	1
OTHER CONSUMABLES			
609	cotton	500gm	30
610	syringes	50ml	50
611	gloves	25pairs	1000
612	tissue paper		1000
613	cotton gauge		10 thans


 Dean & Principal
 Govt Medical College & Hospital
 SUNDARGARH