






		<div>एचएलएल बायोटेक लिमिटेड (एचएलएल लाइफ़केयर लिमिटेड की समुपत्ती) (भारत सरकार का उद्यम)</div>		<div><div>HLL BIOTECH LIMITED (Subsidiary of HLL Lifecare Limited) (A Government of India Enterprise)</div></div>					
ANNEXURE - IV. (A) - CHEMICALS									
LIST OF REQUIREMENTS AND PRICE SCHEDULE									
Sl. No.	Type	Item Description	UoM	PackSize/Speci fication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
1	Chemicals	1 - Cyano-4-dimethylaminopyridinium tetrafluroborate(CDAP),organic cyanylating reagent	g	500mg/0.5g	sigma	AR			
2	Chemicals	1- Naphthol	g	50g	Merck/Sigma/Equivalent make	AR			
3	Chemicals	1,3 Dimethyl Barbituric Acid	g	50g	Merck/ Sigma/ Equivalent make	AR			
4	Chemicals	1,5-Dipheny carbazide	g	25 g	Merck/ Sigma/ Equivalent make	AR			
5	Chemicals	2,3 Napthalendicarboxaldehyde	g	0.5g	Merck/ Sigma/ Equivalent make	AR			
6	Chemicals	2,4,6 Tris (2-Pyridyl) s-triazine	g	5g	Merck/ Sigma/ Equivalent make	AR			
7	Chemicals	3-Methyl benzenethiozolione monohydrate	g	10g	Merck/ Sigma/ Equivalent make	AR			
8	Chemicals	4(2-Pyridylazo ) Resorcinol monosodium salt hydrate	g	5g	Merck/ Sigma/ Equivalent make	AR			
9	Chemicals	4-Methoxy Phenyl Acetic acid	g	100g	Merck/ Sigma/ Equivalent make	AR			
10	Chemicals	4-Nitro phenol	g	25g	Merck/ Sigma/ Equivalent make	AR			
11	Chemicals	8-Hydroxyquinoline	g	50g	Merck/ Sigma/ Equivalent make	AR			
12	Chemicals	Acetanilide	g	100g	Merck/ Sigma/ Equivalent make	AR			
13	Chemicals	Acethydrazide	g	50g	Merck/ Sigma/ Equivalent make	AR			
14	Chemicals	Acrylamide	g	100g	Merck/ Sigma/ Equivalent make	AR			
15	Chemicals	Adipic acid dihydrazide	Pack	50g	Merck 8416890050				
16	Chemicals	Adonitol	g	25g	Merck/ Sigma/ Equivalent make	AR			
17	Chemicals	Agarose	g	25g	Merck/ Sigma/ Equivalent make	AR			
18	Chemicals	Aluminium hydroxide gel	Pack	500g	Himedia GRM 5598				
19	Chemicals	Aluminium phosphate gel	Pack	500g	Merck/ Sigma/ Equivalent make				
20	Chemicals	Amido black stain - Amido black 10 B	g	100gms	Sdfine				
21	Chemicals	Ammonium chloride	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
22	Chemicals	Ammonium Acetate	g	500g	Merck/ Sigma/ Equivalent make	AR			
23	Chemicals	Ammonium Bi Carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			
24	Chemicals	Ammonium Carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			
25	Chemicals	Ammonium ceric sulphate	g	100g	Merck/ Sigma/ Equivalent make	AR			
26	Chemicals	Ammonium cerium IV Nitrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
27	Chemicals	Ammonium Chloride	Pack	500g	Merck 61750205001730	AR			
28	Chemicals	Ammonium dihydrogen orthophosphate	Pack	500g	GRM 278				
29	Chemicals	Ammonium ferrous sulphate hexahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
30	Chemicals	Ammonium heptamolybdate tetrahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
31	Chemicals	Ammonium iron iii sulphate dodecahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
32	Chemicals	Ammonium Metavenedate	g	50g	Merck/ Sigma/ Equivalent make	AR			
33	Chemicals	Ammonium Molybdate	g	100g	Merck/ Sigma/ Equivalent make	AR			
34	Chemicals	Ammonium Molybdate tetra Hydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			
35	Chemicals	Ammonium Oxalate	g	100g	Merck/ Sigma/ Equivalent make	AR			
36	Chemicals	Ammonium Per Sulphate	g	500g	Merck/ Sigma/ Equivalent make				
37	Chemicals	Ammonium sulfamate	g	100g	Merck/ Sigma/ Equivalent make	AR			
38	Chemicals	Ammonium Sulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
39	Chemicals	Ammonium Thiocyanate	g	500g	Merck/ Sigma/ Equivalent make	AR			
40	Chemicals	Arabinose	g	500g	Merck/ Sigma/ Equivalent make	AR			
41	Chemicals	Arsenic Trioxide	g	25g	Merck/ Sigma/ Equivalent make	AR			
42	Chemicals	Arsenic Trioxide (Primary standard)	g	5g	Merck/ Sigma/ Equivalent make	Primary standard			
43	Chemicals	Arsenoius trioxide (Primary Standard)	g	50g	Merck/ Sigma/ Equivalent make	Primary standard			
44	Chemicals	Ascorbic acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
45	Chemicals	Barium Chloride Dihydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
46	Chemicals	Barium hydroxide	g	250g	Merck/ Sigma/ Equivalent make	AR			
47	Chemicals	Barium sulphate	g	20g	Merck/ Sigma/ Equivalent make	AR			
48	Chemicals	1,4 Benzoquinone	g	200mg/0.2g	LGC Promochem India	USP reference std			


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49	Chemicals	Benzoic Acid	g	25g	Merck/ Sigma/ Equivalent make	AR			
50	Chemicals	Benzoic acid (Primary standard)	g	60g	Merck/ Sigma/ Equivalent make	Primary standard			
51	Chemicals	Benzoyal -L-arginine ethyl ester Hcl	g	5g	Merck/ Sigma/ Equivalent make	AR			
52	Chemicals	Bisacrylamide (N,N'-Methylenebisacrylamide)	g	100g	Merck/ Sigma/ Equivalent make	AR			
53	Chemicals	Bismuth iii nitrate pentahydrate	g	25g	Merck/ Sigma/ Equivalent make	AR			
54	Chemicals	Blue dextran 2000	g	1g	GE Healthcare				
55	Chemicals	Boric Acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
56	Chemicals	Bovin serium Albumin Fraction V	g	500g	Merck/ Sigma/ Equivalent make	AR			
57	Chemicals	Bovine Serum Albumin	g	100g	Merck/ Sigma/ Equivalent make	AR			
58	Chemicals	Brilliant Green	g	50g	Himedia	AR			
59	Chemicals	Bromine water	g	100ml	Merck/ Sigma/ Equivalent make	AR			
60	Chemicals	Bromophenol Blue	Pack	5g	Merck/ Sigma/ Equivalent make				
61	Chemicals	Bromophenol blue (BPB) (3',3''',5',5''') tetrabromophenolsulfonphthalein)	g	25g	Merck/ Sigma/ Equivalent make	AR			
62	Chemicals	Brucine Sulphate	g	25g	Merck/ Sigma/ Equivalent make	AR			
63	Chemicals	BSA ampule 1mg/ml	Pack	10vials	Thermoscientific/ Equivalent make	AR			
64	Chemicals	Cadmium iodide	g	5g	Merck/ Sigma/ Equivalent make	AR			
65	Chemicals	Calcium carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			
66	Chemicals	Calcium carbonate	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
67	Chemicals	Calcium carbonate volumetric standard	g	50g	Merck/ Sigma/ Equivalent make	AR			
68	Chemicals	Calcium chloride anhydrous	Pack	500g	Fisher Scientific	AR			
69	Chemicals	Calcium chloride dihydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			
70	Chemicals	Calcium Hydroxide	g	25g	Merck/ Sigma/ Equivalent make	AR			
71	Chemicals	Calcium Sulphate Dihydrate	g	500gma	Merck/ Sigma/ Equivalent make	AR			
72	Chemicals	Cango red	g	500mg	Merck/ Sigma/ Equivalent make	AR			
73	Chemicals	Carbinol	Pack	100ml	Himedia MB154	MB grade			
74	Chemicals	Carboxy methyl cellulose(1.8%).	g	500g	Sigma, Catalog No: c-5013	AR			
75	Chemicals	Casamino acid	Pack	500g	BD 223050				
76	Chemicals	Casein	g	25g	Merck/Qualigen/Sigma/Sisco	AR			
77	Chemicals	Casein Enzyme hydrolysate	Pack	500g	Himedia/MB240	MB grade			
78	Chemicals	CDAP1-Cyano-4-dimethylaminopyridinium tetrafluoroborate	g	0.5g	sigma C2776				
79	Chemicals	Cesium chloride	Pack	25g	Merck/Qualigen/Sigma/Sisco/MB049/Hi media	MB grade			
80	Chemicals	Cetavlon	Pack	250g	Sigma H9151				
81	Chemicals	Charcoal Activated	g	10g	Merck/ Sigma/ Equivalent make	AR			
82	Chemicals	Chloramine T trihydarte	g	250g	Merck/ Sigma/ Equivalent make	AR			
83	Chemicals	Chloramphenicol	Pack	25g	Sigma C0378				
84	Chemicals	Chromotropic Acid disoidum Salt	g	25g	Merck/ Sigma/ Equivalent make	AR			
85	Chemicals	Citric acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
86	Chemicals	Citric Acid Anhydrous	g	1000g	Merck/ Sigma/ Equivalent make	AR			
87	Chemicals	Citric acid monohydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
88	Chemicals	Citric acid trisodium salt dihydrate	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
89	Chemicals	Cobalt II Chloride Dihydarte	g	10g	Merck/ Sigma/ Equivalent make	AR			
90	Chemicals	Cobalt II Chloride Hexa Hydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
91	Chemicals	Cobalt II Nitrate Hexa Hydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
92	Chemicals	Colchicine solution	g	100g		cell culture grade			
93	Chemicals	Comasive brilliant Blue R250	Pack	25g	Merck/ Sigma/ Equivalent make				
94	Chemicals	Copper II Chloride Hexa Hydrate crystals	g	50g	Merck/ Sigma/ Equivalent make	AR			
95	Chemicals	Copper II Sulpahte Penta hydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			


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96	Chemicals	Copper sulphate ii anhydrous	g	250g	Merck/ Sigma/ Equivalent make	AR			
97	Chemicals	Corn starch	g	500g	Sigma Aldrich S-4180				
98	Chemicals	Cresol red	g	5g	Merck/ Sigma/ Equivalent make	AR			
99	Chemicals	Cynogen Bromide	Pack	100ml	Sigma 261610				
100	Chemicals	Dextran	g	500g	Himedia	AR			
101	Chemicals	Dextrose Anhydrous	g	250g	Merck/ Sigma/ Equivalent make	AR			
102	Chemicals	Dextrose monohydrate	g	1000g	GRM1367	AR			
103	Chemicals	Di- ammonium hydrogen phosphate	g	500g	fisher Scientific				
104	Chemicals	Di ammonium oxalate monohydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			
105	Chemicals	Di n-Butylphthalate	g	100g	Merck/ Sigma/ Equivalent make	AR			
106	Chemicals	Dimethyl Acetamide	g	500g	Fischer Scientific 18305				
107	Chemicals	Dimethyl Barbituric Acid (DMBA)		50 gms	Merck/ Sigma/ Equivalent make	AR			
108	Chemicals	Di-n-butyl Phthalate	vial	1ml	Merck/ Sigma/ Equivalent make	AR			
109	Chemicals	DiPhenyl Amine	g	500g	Merck/ Sigma/ Equivalent make	AR			
110	Chemicals	Diphosphorous Pentoxide	g	1000g	Merck/ Sigma/ Equivalent make	AR			
111	Chemicals	Dipotassium Hydrogen Phosphate	g	1000g	Merck/ Sigma/ Equivalent make/fisher Scientific	AR			
112	Chemicals	Dipotassium phosphate	Pack	100g	Merck/Sigma P3786-100G				
113	Chemicals	Disodium tartrate dihydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			
114	Chemicals	Disodium tetraboratedecahydrate	g	1000g	Merck/ Sigma/ Equivalent make	AR			
115	Chemicals	Disodium edetate	g	1000g	Merck/ Sigma/ Equivalent make	AR			
116	Chemicals	Disodium hydrogen orthophosphate dihydrate	g	1000g	Merck/ Sigma/ Equivalent make	AR			
117	Chemicals	Disodium hydrogen phosphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
118	Chemicals	Di-Sodium hydrogen phosphate dibasic dodecahydrate	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
119	Chemicals	Disodium hydrogen phosphate dihydrate	Pack	500g	Merck 61755005001730				
120	Chemicals	Disodium hydrogen phosphate x 12 H2O	g	1000g	Merck/ Sigma/ Equivalent make	AR			
121	Chemicals	di-Sodium hydrogen phosphate, anhydrous	Pack	500g	Merck 1936090521	AR			
122	Chemicals	Dithiothreitol (DTT)	g	25g	Merck/ Sigma/ Equivalent make				
123	Chemicals	Dithizone	g	5g	Merck/ Sigma/ Equivalent make	AR			
124	Chemicals	DNA Step Ladder for agarose gel electrophoresis	Pack	1 Vial	Biorad				
125	Chemicals	D-Ribose	g	50g	Merck/ Sigma/ Equivalent make	AR			
126	Chemicals	D-ribose-5-phosphate disodium salt dihydrate	g	1g	Merck/ Sigma/ Equivalent make	AR			
127	Chemicals	Dried bovine haemoglobin	Pack	500g	BD Difco BD 212392				
128	Chemicals	EDC (1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride)	Pack	25g	Merck 341006				
129	Chemicals	EDTA	Pack	500g	Merck/ Sigma/ Equivalent make				
130	Chemicals	EDTA disodium salt, dihydrate	Pack	100g	Merck/ Sigma/ Equivalent make	AR			
131	Chemicals	EDTA tetrasodium salt, dihydrate	Pack	100g	Loba	AR			
132	Chemicals	Eriochrome black T	g	50g	Merck/ Sigma/ Equivalent make	AR			
133	Chemicals	Ethidium bromide	g	5g	Merck/ Sigma/ Equivalent make	MB grade			
134	Chemicals	Ethyl Dimethyl Aminopropyl Carbodiimide (EDC)	g	100g	Sigma E6383				
135	Chemicals	Extran - Phosphate free	Pack	500ml	Merck	AR			
136	Chemicals	Ferric Chloride	g	250g	Merck/ Sigma/ Equivalent make	AR			
137	Chemicals	Ferric Chloride hexahydrate	g	250g	Merck/ Sigma/ Equivalent make	AR			
138	Chemicals	Ferrion Indicator	g	50g	Merck/ Sigma/ Equivalent make	AR			
139	Chemicals	Ferrous sulphate	g	250g	Merck/ Sigma/ Equivalent make	AR			
140	Chemicals	Fibrin	polybottle	1g	Merck/ Sigma/ Equivalent make	AR			
141	Chemicals	Fluid thioglycollate medium	g	500g	BD/Himedia	MB grade			
142	Chemicals	Fructose	g	500g	Merck				
143	Chemicals	Fuchisin Basic	g	25g	Merck/ Sigma/ Equivalent make	AR			
144	Chemicals	GC agar base	Pack	500g	BD Difco BD 228950				


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145	Chemicals	GC Medium	g	500g	BD Difco 228950				
146	Chemicals	Glacial acetic acid		1000ml	Merck/ Sigma/ Equivalent make	AR			
147	Chemicals	Glucose oxidase	polybottle	1no	Merck/ Sigma/ Equivalent make	AR			
148	Chemicals	Glycine	g	500g	Merck/ Sigma/ Equivalent make	AR			
149	Chemicals	Glyoxal bis(2-hydroxynil)	g	25g	Merck/ Sigma/ Equivalent make	GR/AR			
150	Chemicals	Granulated zinc(95 % purity)	g	50g	Merck/ Sigma/ Equivalent make	Primary standard			
151	Chemicals	Haemophilus Growth Supplement	pack	500pack	Himedia	AR			
152	Chemicals	Haemophilus Test Agar Base with added growth supplement	Pack	500g	Himedia/ M1259				
153	Chemicals	Hematoxylin Monohydrate	g	25g	Merck/ Sigma/ Equivalent make	AR			
154	Chemicals	Hemin	Pack	5g	Sigma 51280				
155	Chemicals	HEPES - Acid	g	500gms					
156	Chemicals	HEPES – Sodium Salt	g	500gms					
157	Chemicals	HEPES Buffer sodium salt cell culture tested	g	500g	Merck/Qualigens/Sigma/Himedia/Therm ofisher				
158	Chemicals	Heptane-1 sulfonicacid	g	25g	Merck/ Sigma/ Equivalent make	AR			
159	Chemicals	Hexadecyltrimethylammonium bromide	g	100g	Merck/ Sigma/ Equivalent make	AR			
160	Chemicals	Hexane	Pack	500ml	Merck 1070520521				
161	Chemicals	Hydrazine dihydrchloride	Pack	500g	Sigma Aldrich 216208				
162	Chemicals	Hydrazine Sulphate	g	25g	Merck/ Sigma/ Equivalent make	AR			
163	Chemicals	Hydrazinium Sulphate	g	25g	Merck/ Sigma/ Equivalent make	AR			
164	Chemicals	Hydroxy Napthol blue	g	5g	Merck/ Sigma/ Equivalent make	AR			
165	Chemicals	Hydroxy quinoline	g	500g	Merck/ Sigma/ Equivalent make	AR			
166	Chemicals	Hydroxyl Ammonium Chloride	g	250g	Merck/ Sigma/ Equivalent make	AR			
167	Chemicals	Indigo caramine	g	25g	Merck/ Sigma/ Equivalent make	AR			
168	Chemicals	Iodine	g	100g	Merck/ Sigma/ Equivalent make	AR			
169	Chemicals	Iron Chloridehexahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
170	Chemicals	Iron ii sulfide fused flakes	g	500g	Merck/ Sigma/ Equivalent make	AR			
171	Chemicals	Iron III Chlorate Anhydrous	g	100g	Merck/ Sigma/ Equivalent make	AR			
172	Chemicals	Iron III Chloride Hexa Hydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
173	Chemicals	Iron III Sulphate Hepta Hydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
174	Chemicals	Iso propyl alcohol	Pack	2500ml	Merck/Qualigens/Sigma/Himedia/fisher scientific				
175	chemicals	Iso propyl alcohol	Pack	500ml	Merck	AR			
176	chemicals	Iso Vitale X	ml	10ml					
177	Chemicals	L Glutamic acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
178	Chemicals	L-alanine	g	100g	Merck/ Sigma/ Equivalent make	Cell culture Grade			
179	Chemicals	Lanthanum III Nitrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
180	Chemicals	Lanthanum III Nitrate Hexa Hydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
181	Chemicals	L-Aspartic Acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
182	Chemicals	L-Cystine	Pack	25g	Himedia Tc070				
183	Chemicals	L-Cystine Hydrochloride	g	100g	Merck/ Sigma/ Equivalent make	AR			
184	Chemicals	Lead Acetate	g	500g	Merck/ Sigma/ Equivalent make	AR			
185	Chemicals	Lead Nitrate	Pack	500g	Merck EMPLURA	LR			
186	Chemicals	Lead nitrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
187	Chemicals	Lecithin	g	250mg/0.25g	Merck/ Sigma/ Equivalent make	AR			
188	Chemicals	L-Glutamic acid	Pack	500g	Merck				
189	Chemicals	L-histidine	g	100g	Merck	Cell culture Grade			
190	Chemicals	Lithium Chloride	g	100g	Merck/ Sigma/ Equivalent make	AR			




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191	Chemicals	Lobolene	No	500no	Qualigens				
192	Chemicals	Magnesium Acetate Tetra Hydrate	g	500ml	Merck/ Sigma/ Equivalent make	AR			
193	Chemicals	Magnesium chloride	g	500g	Merck/ Sigma/ Equivalent make	AR			
194	Chemicals	Magnesium nitrate Hexa Hydrate	g	500g	Merck/Qualigen/Sigma 237175	AR			
195	Chemicals	Magnesium Oxide Light pure	g	500g	Merck/ Sigma/ Equivalent make	AR			
196	Chemicals	Magnesium sulphate hepta hydrate	Pack	500g	Merck 61751705001730				
197	Chemicals	Magnesium sulphate hepta hydrate	Pack	500g	Merck 1.93645.0521	AR			
198	Chemicals	Magnesium Sulphate monohydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
199	Chemicals	Magnesium turnings	g	500g	Merck/ Sigma/ Equivalent make	AR			
200	Chemicals	Maleic acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
201	Chemicals	Maltose	g	500g	Merck/Qualigens/Sigma/Himedia/Therm ofisher	AR			
202	Chemicals	Manganese II Sulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
203	Chemicals	Mannitol	g	500g	Merck/ Sigma/ Equivalent make	AR			
204	chemicals	Marker for SDS-Page Electrophoresis, mol wt 6500-200000 Dalton	Pack	1 vial	Biorad				
205	Chemicals	Mercuric bromide	g	100g	Merck/ Sigma/ Equivalent make	AR			
206	Chemicals	Mercuric ii acetate	g	100g	Merck/ Sigma/ Equivalent make	AR			
207	Chemicals	Mercuric Iodide red	g	100g	Merck/ Sigma/ Equivalent make	AR			
208	Chemicals	Mercuric Oxide Yellow	g	100g	Merck/ Sigma/ Equivalent make	AR			
209	Chemicals	Mercuric sulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
210	Chemicals	Mercury II Chloride	g	100g	Merck/ Sigma/ Equivalent make	AR			
211	Chemicals	Mercury Pure	g	100g	Merck/ Sigma/ Equivalent make	AR			
212	Chemicals	MES	Pack	250g	Merck 1061260250				
213	Chemicals	MES (2- morpholinoethanesulfonic acid hemi sodium salt)	Pack	100g	Sigma M8902				
214	Chemicals	Methyl Violet	g	50g	Merck/ Sigma/ Equivalent make	AR			
215	Chemicals	Methyle Red	g	50g	Merck/ Sigma/ Equivalent make	AR			
216	Chemicals	Methylene Blue	g	50g	Merck/ Sigma/ Equivalent make	AR			
217	Chemicals	Methylene orange	g	50g	Merck/ Sigma/ Equivalent make	Practical Grade			
218	Chemicals	Metol	g	50g	Merck/ Sigma/ Equivalent make	AR			
219	Chemicals	Minimal Essential Medium Eagle (MEM)w/ Earles salts, NEAA and L- Glutamine w/o Sodium bicarbonate 1l	Pack	500pack	Sigma/Himedia				
220	Chemicals	Minimal Essential Medium Eagle (MEM)w/ Earles salts, NEAA and L- Glutaminew/o Sodium bicarbonate"5L	Pack	500pack	Sigma/Himedia				
221	Chemicals	Molybdic Acid	g	100g	Merck/ Sigma/ Equivalent make	AR			
222	Chemicals	Molybdophosphoricacid	g	25g	Merck/ Sigma/ Equivalent make	AR			
223	Chemicals	Monopotassium phosphate	Pack	25g	Merck				
224	Chemicals	Monopotassium phosphate	Pack	25g	Sigma P0662-25G				
225	Chemicals	Morpholine	g	100ml	Merck/ Sigma/ Equivalent make	AR			
226	Chemicals	Murexide	g	25g	Merck/ Sigma/ Equivalent make	AR			
227	Chemicals	N,N Methylbisacrlamide	g	100g	Merck/ Sigma/ Equivalent make	AR			
228	Chemicals	Napthalene	g	100g	Merck/ Sigma/ Equivalent make	AR			
229	Chemicals	Neomycin sulphate	g	100g	Merck/ Sigma/ Equivalent make	Cell culture Tested			
230	Chemicals	Nickel Aluminium Alloy powder	g	250g	Merck/ Sigma/ Equivalent make	AR			
231	Chemicals	Nutrient broth medium	Pack	5ml	LQ071				
232	Chemicals	Orange G Stain	g	50g	Merck/ Sigma/ Equivalent make	AR			
233	Chemicals	Orcinol monohydrate	Pack	25g	Sigma prod no 08208	AR			


		<div>एचएलएल बायोटेक लिमिटेड (एचएलएल लाइफ़ेकेयर लिमिटेड की समुपुर्गी) (भारत सरकार का उद्यम)</div>		<div><b>HLL BIOTECH LIMITED</b> (Subsidiary of HLL Lifecare Limited) (A Government of India Enterprise)</div>					
ANNEXURE - IV. (A) - CHEMICALS									
LIST OF REQUIREMENTS AND PRICE SCHEDULE									
Sl. No.	Type	Item Description	UoM	PackSize/Speci fication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
234	Chemicals	Oxalic Acid	g	100g	Merck/ Sigma/ Equivalent make	AR			
235	Chemicals	PAN Indicator	g	50g	Himedia	AR			
236	Chemicals	Pararosaniline hydrochloride	g	100g	Merck/ Sigma/ Equivalent make	AR			
237	Chemicals	Peptone	g	500g	Merck/ Sigma/ Equivalent make	Bacteriological Grade			
238	Chemicals	Peroxidase	vial	1 vial	Merck/ Sigma/ Equivalent make	AR			
239	Chemicals	Phenaphthalein	g	50g	Merck/ Sigma/ Equivalent make	AR			
240	Chemicals	Phenazone	g	100g	Merck/ Sigma/ Equivalent make	AR			
241	Chemicals	Phenol	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
242	Chemicals	Phenyl hydrazine Hcl	g	100g	Merck/ Sigma/ Equivalent make	AR			
243	Chemicals	Phosphorous Pentoxide	g	500g	Merck/ Sigma/ Equivalent make	AR			
244	Chemicals	Phthalic anhydride	g	100g	Merck/ Sigma/ Equivalent make	AR			
245	Chemicals	Picric acid	g	500ml	Merck/ Sigma/ Equivalent make	AR			
246	Chemicals	Piperzine Hexa Hydrate	g	200g	Merck/ Sigma/ Equivalent make	AR			
247	Chemicals	Potassium Acetate	g	500g	Merck/ Sigma/ Equivalent make	AR			
248	Chemicals	Potassium bromate	g	100g	Merck/ Sigma/ Equivalent make	AR			
249	Chemicals	Potassium bromide	g	100g	Merck/ Sigma/ Equivalent make	AR			
250	Chemicals	Potassium carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			
251	Chemicals	Potassium Chloride	g	500g	Merck/ Sigma/ Equivalent make	AR			
252	Chemicals	Potassium Chloride	g	500g	Merck/ Sigma/ Equivalent make	AR			
253	Chemicals	Potassium chloride (AR)	g	500g	Merck/ Sigma/ Equivalent make				
254	Chemicals	Potassium Chromate	g	100g	Himedia	AR			
255	Chemicals	Potassium Chromate indicator	g	50g	Merck/ Sigma/ Equivalent make	AR			
256	Chemicals	Potassium dichromate	g	500g	Merck/ Sigma/ Equivalent make	AR			
257	Chemicals	Potassium dichromate (Primary standard)	g	80g	Merck/ Sigma/ Equivalent make	Primary standard			
258	Chemicals	Potassium dichromate UV STD	g	100g	Merck/ Sigma/ Equivalent make	AR			
259	Chemicals	Potassium Dihydrogen Phosphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
260	Chemicals	Potassium di-hydrogenorthophosphate monobasic	g	500g	GRM 3943	AR			
261	Chemicals	Potassium ferricyanide	g	500g	Merck/ Sigma/ Equivalent make	AR			
262	Chemicals	Potassium Ferrocyanide	g	500g	Merck/ Sigma/ Equivalent make	AR			
263	Chemicals	Potassium glutamate (AR)	g	500g	Merck/ Sigma/ Equivalent make				
264	Chemicals	Potassium hexacyno ferrate ii 3H2O	g	100g	Merck/ Sigma/ Equivalent make	AR			
265	Chemicals	Potassium hydrogen Phosphate	g	250g	Merck/ Sigma/ Equivalent make	AR			
266	Chemicals	Potassium hydrogen phthalate	g	100g	Merck/ Sigma/ Equivalent make	AR			
267	Chemicals	Potassium hydrogen phthalate (Primary standard)	g	50g	Merck/ Sigma/ Equivalent make	Primary standard			
268	Chemicals	Potassium Hydrogen Pthalate (Primary standard)	g	80g	Merck/ Sigma/ Equivalent make	Primary standard			
269	Chemicals	Potassium hydrogen sulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
270	Chemicals	Potassium hydroxide	g	500g	Merck/ Sigma/ Equivalent make	AR			
271	Chemicals	Potassium Iodate	g	100g	Merck/ Sigma/ Equivalent make	AR			
272	Chemicals	Potassium Iodate (Primary standard)	g	100g	Merck/ Sigma/ Equivalent make	Primary standard			
273	Chemicals	Potassium Iodide	g	100g	Merck/ Sigma/ Equivalent make	AR			
274	Chemicals	Potassium Nitrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
275	Chemicals	Potassium permanganate	g	500g	Merck/ Sigma/ Equivalent make	AR			
276	Chemicals	Potassium peroxodisulphate	g	250g	Merck/ Sigma/ Equivalent make	AR			
277	Chemicals	Potassium sodium tartarate	g	500g	Merck/ Sigma/ Equivalent make	AR			
278	Chemicals	Potassium Sodium Tartarate Tetra Hydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
279	Chemicals	Potassium Sulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			

		<b>एचएलएल बायोटेक लिमिटेड</b> (एचएलएल लाइफ़केयर लिमिटेड की समुपनी) (भारत सरकार का उद्यम)		 <b>HBL</b> <i>Protecting lives</i>	<b>HLL BIOTECH LIMITED</b> (Subsidiary of HLL Lifecare Limited) (A Government of India Enterprise)				
ANNEXURE - IV. (A) - CHEMICALS									
LIST OF REQUIREMENTS AND PRICE SCHEDULE									
Sl. No.	Type	Item Description	UoM	PackSize/Speci fication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
280	Chemicals	Potassium tartarate di basic hemi hydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
281	Chemicals	Potassium Thiocyanate	g	500g	Merck/ Sigma/ Equivalent make	AR			
282	Chemicals	PotassiumHexa Antimonate	g	100g	Merck/ Sigma/ Equivalent make	AR			
283	Chemicals	Potasssium Bromide	g	100g	Merck/ Sigma/ Equivalent make	AR			
284	Chemicals	Potato Dextrose Agar	g	500g	BD/Himedia				
285	Chemicals	Potato dextrose agar plates	Pack	500pack	Himedia/BD				
286	Chemicals	Pottasium dichromate 99.9 %	g	80g	Merck/ Sigma/ Equivalent make	AR			
287	Chemicals	Pottasium ferricynaide	Pack	500g	GRM 1034	AR			
288	Chemicals	Pre stained Marker (10-170 kD) Thermo scientific	Pack	1 vial (250µL)	Fermentas, Biorad				
289	Chemicals	Pullulan Stds	No	1pack	Shodex				
290	Chemicals	Pyridylazo naphthol solution (PAN)	g	50g	Merck/ Sigma/ Equivalent make	AR			
291	Chemicals	Pyrogallol	g	50g	Merck/ Sigma/ Equivalent make	AR			
292	Chemicals	Quinine	g	25g	Merck/ Sigma/ Equivalent make	AR			
293	Chemicals	Quinine Sulphate	g	25g	Merck/ Sigma/ Equivalent make	AR			
294	Chemicals	Resorcinol	g	100g	Merck/ Sigma/ Equivalent make	AR			
295	Chemicals	Sabouraud's dextrose agar plates	Pack	500pack	Himedia/BD				
296	Chemicals	Salicylic acid	g	100ml	Merck/ Sigma/ Equivalent make	AR			
297	Chemicals	Selenium	g	100g	Merck/ Sigma/ Equivalent make	AR			
298	Chemicals	Selenium Powder	g	100g	Merck/ Sigma/ Equivalent make	AR			
299	Chemicals	Sephadex 25	g	500g	Sigma				
300	Chemicals	Sephadex 50	g	500g	Sigma				
301	Chemicals	Sephadex G-25	g	500g	Sigma SS-772				
302	Chemicals	Silica Gel	g	1000g	Merck/ Sigma/ Equivalent make	AR			
303	Chemicals	Silver Diethyl Dithio Carbonate	g	100g	Merck/ Sigma/ Equivalent make	AR			
304	Chemicals	Silver nitrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
305	Chemicals	Sodium phosphate, monobasic monohydrate	g	500gms	Merck/ Sigma/ Equivalent make				
306	Chemicals	Sodium acetate	g	500g	Merck/ Sigma/ Equivalent make	AR			
307	Chemicals	Sodium Acetate Trihydrate	g	500g	Merck/ Sigma/ Equivalent make				
308	Chemicals	Sodium Alginate	g	500g	Merck/ Sigma/ Equivalent make	AR			
309	Chemicals	Sodium Azide	g	500g	Merck/ Sigma/ Equivalent make	AR			
310	Chemicals	Sodium Benzoate	g	1000g	Merck/ Sigma/ Equivalent make	AR			
311	Chemicals	Sodium bicarbonate	g	500g	Merck 1063290500				
312	Chemicals	Sodium Borate	Pack	500g	Fischer Scientific 13215				
313	Chemicals	Sodium borate decahydrate	g	500gms	Merck/ Sigma/ Equivalent make				
314	Chemicals	Sodium boro hydride	Pack	500g	Merck 8063730100				
315	Chemicals	Sodium carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			
316	Chemicals	Sodium Carbonate (Primary standard)	g	50g	Merck/ Sigma/ Equivalent make	Primary standard			
317	Chemicals	Sodium carbonate anhydrous	g	500g	Merck 1063950500				
318	Chemicals	Sodium chloride	g	500g	Merck/ Sigma/ Equivalent make	AR			
319	Chemicals	Sodium chloride (Primary standard)	g	80g	Merck/ Sigma/ Equivalent make	Primary standard			
320	Chemicals	Sodium cobalt Nitrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
321	Chemicals	Sodium cyanoborohydride	g	500g	Sigma Aldrich 156159				
322	Chemicals	Sodium DeoxyCholate	g	500g	Merck 10650401001730				
323	Chemicals	Sodium di-hydrogen orthophosphate, dihydrate	g	500g	Merck/ Sigma/ Equivalent make				
324	Chemicals	Sodium dihydrogen phosphate x 2 H2O	g	500g	Merck 1936240521				
325	Chemicals	Sodium Disulphite	g	500g	Merck/ Sigma/ Equivalent make	AR			
326	Chemicals	Sodium dodecyl sulphate	Gms	500g	Merck/ Sigma/ Equivalent make	LR			
327	Chemicals	Sodium dodecylsulphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
328	Chemicals	Sodium Fluoride	g	50g	Merck/ Sigma/ Equivalent make	AR			
329	Chemicals	Sodium Hydrogen carbonate	g	500g	Merck/ Sigma/ Equivalent make	AR			

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LIST OF REQUIREMENTS AND PRICE SCHEDULE									
Sl. No.	Type	Item Description	UoM	PackSize/Speci fication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
330	Chemicals	Sodium Hydrogen Sulphite	g	500g	Merck/ Sigma/ Equivalent make	AR			
331	Chemicals	Sodium hydroxide	g	500g	Merck/ Sigma/ Equivalent make	AR			



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332	Chemicals	Sodium hydroxide pellets	Pack	500g	Merck 618443805001730	AR			
333	Chemicals	Sodium L-Ascorbate	g	250g	Merck/ Sigma/ Equivalent make	AR			
334	Chemicals	Sodium Meta bisulphite	g	100g	Merck/ Sigma/ Equivalent make	AR			
335	Chemicals	Sodium metabisulphate	g	100g	Merck/ Sigma/ Equivalent make	AR			
336	Chemicals	Sodium metaperiodate	g	50g	Merck/ Sigma/ Equivalent make	AR			
337	Chemicals	Sodium Molybdate Dihydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
338	Chemicals	Sodium Nitrite	g	100g	Merck/ Sigma/ Equivalent make	AR			
339	Chemicals	Sodium nitroferricynide iii dihydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
340	Chemicals	Sodium nitroprusside dihydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
341	Chemicals	Sodium periodate	g	100g	Merck/ Sigma/ Equivalent make	AR			
342	Chemicals	Sodium Phosphate Dibasic	g	500g	Merck/ Sigma/ Equivalent make	AR			
343	Chemicals	Sodium Phosphate monobasic dihydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
344	Chemicals	Sodium Phosphate monobasic monohydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
345	Chemicals	Sodium potassium tartrate	Pack	500g	Qualigens				
346	Chemicals	Sodium salicylate	g	100g	Merck/ Sigma/ Equivalent make	AR			
347	Chemicals	Sodium Sulphate Anhydrous	g	500g	Merck/ Sigma/ Equivalent make	AR			
348	Chemicals	Sodium Sulphide Flakes	g	500g	Merck/ Sigma/ Equivalent make	AR			
349	Chemicals	Sodium Sulphite	g	100g	Merck/ Sigma/ Equivalent make	AR			
350	Chemicals	Sodium tartarate	g	100g	Merck/ Sigma/ Equivalent make	AR			
351	Chemicals	Sodium tartarate dihydrate	g	100g	Merck/Fluka	AR			
352	Chemicals	Sodium tetraborate decahydrate	g	500g	Sigma Aldrich B9876				
353	Chemicals	Sodium thiosulphate pentahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
354	Chemicals	Sodiun dihydrogen phosphate	g	500g	Merck/ Sigma/ Equivalent make	AR			
355	Chemicals	Sorbitol	g	500g	Merck/ Sigma/ Equivalent make	AR			
356	Chemicals	Soya bean casein digest medium	g	500g	BD/Hi media				
357	Chemicals	Soyabean Casein Digest Agar plates	Pack	500pack	Himedia/BD				
358	Chemicals	Soya-Peptone	Pack	500g	Himedia RM7714 Type -I				
359	Chemicals	SS Agar Medium	g	500g	Merck/ Sigma/ Equivalent make				
360	Chemicals	Stannous Chloride	g	100g	Merck/ Sigma/ Equivalent make	AR			
361	Chemicals	Starch Soluble	g	500g	Merck/ Sigma/ Equivalent make	AR			
362	Chemicals	Sterillium with dispenser 500ml	no	500no	Merck/ Sigma/ Equivalent make				
363	Chemicals	Streptomycin sulphate salts	g	500g	Sigma 56501				
364	Chemicals	Sucrose	g	500g	Merck/ Sigma/ Equivalent make	AR			
365	Chemicals	Sucrose reference standard	g	100mg/0.1g	LGC Promochem India	USP reference std			
366	Chemicals	Sulfamic acid	g	100g	Merck/ Sigma/ Equivalent make	AR			
367	Chemicals	Sulfamid source reagent sulfamic acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
368	Chemicals	Sulfanilic acid (Primary standard)	g	0.5g/500mg	Merck/ Sigma/ Equivalent make	Primary standard			
369	Chemicals	Suphanilic Acid	g	100g	Merck/ Sigma/ Equivalent make	AR			
370	Chemicals	Tannic Acid Powder	g	100g	Merck/ Sigma/ Equivalent make	AR			
371	Chemicals	Tartaric Acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
372	Chemicals	Tetra Butyl ammonium Borohydrate	Pack	10g	Sigma				
373	Chemicals	Tetrahydrofuran	g	1000ml	Merck/ Sigma/ Equivalent make	AR			
374	Chemicals	Tetramethyl Ammonium Hydroxide Penta Hydrate	g	100g	Merck/ Sigma/ Equivalent make	AR			
375	Chemicals	Thioacetamide	g	100g	Merck/ Sigma/ Equivalent make	AR			
376	Chemicals	Thiomersal	g	100g	Merck/ Sigma/ Equivalent make	AR			
377	Chemicals	Tin granulated	g	100g	Merck/ Sigma/ Equivalent make	AR			
378	Chemicals	Tin II Chloride	g	100g	Merck/ Sigma/ Equivalent make	AR			
379	Chemicals	Titan yellow	g	100g	Merck/ Sigma/ Equivalent make	AR			
380	Chemicals	Titanium IV oxide	g	2500g	Merck/ Sigma/ Equivalent make	AR			
381	Chemicals	tri - Potassium Citrate	Pack	500g	fisher Scientific				

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Sl. No.	Type	Item Description	UoM	PackSize/Speci fication	Prefered Make, Catalogue, Specifications	Grade	BASIC UNIT PRICE (in INR)	TAX %	TOTAL UNIT PRICE (INCLUSIVE OF TAX) (in INR)
382	Chemicals	Trichloro Acetic acid	g	500g	Merck/ Sigma/ Equivalent make	AR			
383	Chemicals	Trinitro Benzene Sulphonic Acid (TNBS)	Pack	25g	Sigma 426288				
384	Chemicals	Tris	Pack	500g	Qualigens				
385	Chemicals	Tris Buffer	Pack	500g	Merck/ Sigma/ Equivalent make	AR			
386	Chemicals	Tris buffer (AR) 2-Amino-2-hydroxymethyl-propane-1,3-diol	g	500g	Merck/ Sigma/ Equivalent make	AR			
387	Chemicals	Trisodium Citrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
388	Chemicals	tri-Sodium citrate dehydrate	Pack	500g	Qualigens	AR			
389	Chemicals	Trypsin powder (1:250)cell culture tested	g	500g	Sigma/Himedia				
390	Chemicals	Tryptose phosphate broth powder	g	100g	BD/Himedia	Cell Culture Grade			
391	Chemicals	Urea	g	500g	Merck/ Sigma/ Equivalent make	AR			
392	Chemicals	Urnyl acetate dihydrate	g	25g	Merck/ Sigma/ Equivalent make	AR			
393	Chemicals	Vetro Clean	Pack	500ml	Borosil BTLC9001024				
394	Chemicals	Xylenol Orange	g	50g	Merck/ Sigma/ Equivalent make	AR			
395	Chemicals	Yeast autolysate supplement	Pack	6 vials	BD				
396	Chemicals	Yeast extract	Pack	500g	BD 212750	Biochemical			
397	Chemicals	Zinc	g	500g	Merck/ Sigma/ Equivalent make	AR			
398	Chemicals	Zinc (99.5%) (Primary standard)	g	100g	Merck/ Sigma/ Equivalent make	AR			
399	Chemicals	Zinc Chloride	g	500g	Merck/ Sigma/ Equivalent make	AR			
400	Chemicals	Zinc Fillings	g	500g	Merck/ Sigma/ Equivalent make	AR			
401	Chemicals	Zinc Oxide	g	100g	Merck/ Sigma/ Equivalent make	AR			
402	Chemicals	Zinc Oxide Pure	g	100g	Merck/ Sigma/ Equivalent make	AR			
403	Chemicals	Zinc powder	g	100g	Merck/ Sigma/ Equivalent make	AR			
404	Chemicals	Zinc sulphate heptahydrate	g	500g	Merck/ Sigma/ Equivalent make	AR			
405	Chemicals	α-Napthol benzene	g	50g	Merck/ Sigma/ Equivalent make	AR			
406	Chemicals	β-NAD	g	1g	Sigma N6522-1G	AR			