

भारत सरकार  
क्षेत्रीय औषध परीक्षण प्रयोगशाला

केन्द्रीय औषध मानक नियन्त्रण संगठन  
(स्वास्थ्य सेवाओं का महानिदेशालय)  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
सेक्टर-39 सी, चण्डीगढ़-160036

फोन नं: 0172-2688239, फ़ैक्स नं: 0172-2636316



GOVERNMENT OF INDIA  
REGIONAL DRUGS TESTING LABORATORY

CENTRAL DRUGS STANDARD CONTROL ORGANISATION  
(Directorate General of Health services)

Ministry of Health & Family Welfare

SECTOR-39 C, CHANDIGARH – 160036

Tel. No: -0172-2688239, Fax- No: 0172-2636316

E-mail id: directorrdtlchd@yahoo.com

No. 3-1/2017-18/St/Bulk\_Chemicals\_pur/888 /17

Dated: 24.04.2017

### Tender Notice

Subject:-Tender rate enquiries for Supply of Micro-biological Media, Chemicals, Glasswares and plastic wares at Regional Drugs Testing Laboratory, Sector 39-C, Chandigarh.

Sealed Tender Rate Enquiries are invited from reputed manufacturing firm(s)/distributors of **Micro-Biological Media, Chemicals, Glassware and Plastic wares** who are authorized vendors for **Micro-Biological Media of (Himedia/Difco/Oxoid), Chemicals of (Merck/Fisher/Himedia), Glasswares and plastic wares (Borosil/Fisher/Duran/Merck/Tarson)** as per the requirement mentioned in Annexure A and B:-

1. The tenders should be submitted in a sealed envelop:-
  - (i) The Performa at **Annexure –II**, duly filled in, along with relevant documents/information.
  - (ii) Acceptance of terms and conditions as at **Annexure – I**
2. The sealed envelope superscribed '**Tender Rate Enquiry**' for supply of Media, Chemicals, Glassware and plasticware. Tender should be addressed to Director, Regional Drugs Testing Laboratory, Sector 39-C, Chandigarh and should reach this office by 3.30. P.M. on 11.05.2017.
3. Tender received after stipulated time & date will be rejected forthwith.
4. The **Competent authority** in the RDTL reserves the right to amend any of the term and conditions in the tender document or reject any or all application (offers) without giving any notice or assigning any reason thereof. The decision of competent authority in this regard will be final and binding.
5. Authorization certificate of the company should be sent along with the quotations.
6. All the tenderers are requested to read and understand the terms and conditions of the contract as detailed in the Annexure – I before sending their quotations, as no change or violation of the aforesaid terms and conditions are permissible once the quotation is accepted by RDTL.

  
Dr. R.A. Singh  
Director

Annexure-I

Terms and Conditions

1. Rates quoted for Media, Chemicals, glasswares and other Items should be inclusive of supply/ freight, taxes etc. and no extra payment will be made for supply of above items. Further, the number of the items may increase or decrease as per requirement of the competent authority.
2. Only manufacturing firms/authorized distributors for **Micro-biological Media of (Himedia/Difco/Oxoid), Chemical of (Merck/Fisher/Himedia) and Glassware and plastic wares of (Borosil/Fisher/Duran/Merck/ Tarson)** are eligible to participate. Any other Brand name will not be considered than the quoted in the tender. While Submitting the Tenders, the tendering firm shall have to furnish the proof of PAN No., Service Tax No., Sales Tax No., etc. as per Annexure-II
3. The tender should also mention the time vide which the supplies will be available after receipt of supply order
4. The tender received after due date and time or incomplete in any respect shall be summarily rejected.
5. No Advance payment would be made. Payment will be made only after the receipt of the Microbiological Media/Chemicals/ Glassware and Plastic wares.
6. Date of Manufacturing of Media/Chemicals should not be more than one year old.
7. Over-writing on the quotations must be avoided. Otherwise the quotations are likely to be rejected. The RDTL reserves the right to accept or reject any tender, in whole or in part thereof without assigning/ specifying any reason (s) thereof and the decision of the competent authority in the RDTL shall be final and binding on the contractor firm.
8. All the participating firms may ensure that the Media,Chemicals,Glasswares and other Items is of only Genuine and good quality and if at any stage it is found that the item supplied is of sub-standard quality/inferior quality will be rejected forth with.
9. Tenders received after the stipulated time and date will not be accepted/ considered.
10. Any dispute arising in the matter shall be resolved through an arbitrator to be nominated by the competent authority in RDTL.
11. The contract shall be subject to Indian Laws and jurisdiction of the court located in Chandigarh.

**Annexure-II**

**PROFORMA (Tender bid)**

S.No.	Particulars	To be filled by the Tenderer
1.	Name of the Agency/Firm	
2.	Whether brief profile of the agency is enclosed	
3.	Detailed Office Address of the agency with office telephone No. e-mail address, Fax No., Mobile No. and name/designation of the contract person.	
4.	PAN Number (copies to be enclosed)	
5.	TIN Number Registration No. (Copy to be enclosed)	
6.	Service Tax Registration No. (copy to be enclosed)	
7.	Whether a copy of terms and conditions- Annexure-I duly signed as token of acceptance of the' same is attached	
8.	Whether the firm is blacklisted by any Government Department or any criminal case is registered against the firm or its owner/partners anywhere in India (if no, an undertaking to this effect is attached in this regard.)	

(Signature of the authorized person)

Date:  
Place:

Name:  
Designation:  
Seal:

## List of media and chemicals

## Annexure-A

S. No	Name of Media	Quantity
1	<b>Soyabean Casein Digest Medium</b> (Casein Soyabean Digest Broth) (General purpose medium use for cultivation of wide variety of micro-organisms in accordance with the harmonized method of USP/EP/BP/JP/IP)	500×4
2	<b>Soyabean Casein Digest Agar</b> (Casein- Soyabean Digest Agar) (General purpose medium use for cultivation of wide variety of micro-organisms in accordance with the harmonized method of USP/EP/BP/JP/IP)	500×4
3	<b>Sabouraud Dextrose Broth</b> (for cultivation of yeasts, moulds and aciduric micro-organisms in accordance with the harmonized method of USP/EP/BP/JP)	500×4
4	<b>Sabouraud Chloramphenicol agar</b> (For selective cultivation of yeasts and moulds)	500×5
5	<b>Enterobacteria enrichment broth mossel</b> (for selective enrichment of <i>Enterobacteriaceae</i> in accordance with the harmonized method of USP/EP/BP/JP/IP)	500×2
6	<b>Violet Red bile glucose agar</b> (for detection and enumeration of <i>Enterobacteriaceae</i> from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP).	500×2
7	<b>Mac Conkey Agar</b> (for selective isolation and differentiation of coliform from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP).	500×4
8	<b>Mac Conkey Broth</b> (for the presumptive identification of coliforms from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP)	500×4
9	<b>Rappaport Vassiliadis Salmonella Enrichment Broth</b> (for selective enrichment of Salmonella species from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP).	100×1
10	<b>G N Broth Medium 11</b> (for enrichment of <i>Shigella</i> from pharmaceutical products in accordance with IP 2014)	500×1
11	<b>Xylose Lysine Deoxycholate Agar</b> (Selective medium recommended for the isolation and enumeration of Salmonella species from	500×4

## List of media and chemicals

## Annexure-A

	pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP).	
12	<b>Cetrimide Agar</b> (used for the isolation of <i>Pseudomonas aeruginosa</i> from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP).	500×4
13	<b>Mannitol Salt Agar Medium</b> (For the selective isolation of pathogenic <i>Staphylococci</i> in accordance with the harmonized method of USP/EP/BP/JP/ IP).	500×6
14	<b>Reinforced Medium for clostridia.</b> (for the cultivation and enumeration of <i>Clostridia</i> from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP ).	500×2
15	<b>Columbia Agar</b> (for detection of <i>Clostridium sporogenes</i> from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP).	500×2
16	<b>Fluid Thioglycollate Medium</b> (used for sterility testing of biologicals and for cultivation of aerobes, anaerobes and microaerophiles, in accordance with Indian Pharmacopoeia).	500×4
17	<b>Alternative Thioglycollate Medium</b> (for sterility testing of turbid or viscous biological products in accordance with United States Pharmacopoeia).	500×4
18	<b>Peptone, Bacteriological</b> (Culture media ingredient)	500×2
19	<b>Nutrient Agar</b> (a general culture medium which may be used as enriched medium by incorporating blood or other biological fluids in accordance with IP.)	500×2
20	<b>Coagulase Plasama</b> (For coagulation reaction in <i>staphylococci</i> )	2x5Vial
21	<b>Bacillus differentiation agar</b> (for differentiation between <i>Bacillus cereus</i> and <i>Bacillus subtilis</i> based on mannitol fermentation)	500×2
22	<b>MRS agar, Granulated</b> (for isolation and cultivation of <i>Lactobacilli</i> .)	500×2
23	<b>M2 Agar</b> (a semisynthetic culture medium used as a general purpose plate count Agar.)	500×2
24	<b>Brain Heart Infusion Broth</b> (for propagation of pathogenic cocci and other	500×2

## List of media and chemicals

## Annexure-A

	fastidious organisms associated with blood culture work and allied pathological investigations)	
25	<b>Brain Heart Infusion Agar</b> (for cultivation of fastidious pathogenic bacteria, yeasts and moulds.)	500×2
26	<b>Pseudomonas agar F (Medium for detection of fluorescein)/ Flo Agar</b> (for detection of fluorescein production by Pseudomonas species in accordance with USP.)	500×2
27	<b>Pseudomonas agar P ( Medium for detection of pyocyanin)/ Tech Agar</b> (for detection of pyocyanin production by Pseudomonas species in accordance with USP.)	500×2
28	<b>Nutrient broth</b> (for general cultivation of less fastidious microorganisms, can be enriched with blood or other biological fluids.)	500×2
29	<b>Starch Agar</b> (for detection of starch hydrolyzing Microorganisms).	500×2
30	<b>DNase Test Agar Base</b> (for detection of deoxyribonuclease activity of bacteria and fungi, and especially for identification of pathogenic Staphylococci)	100×2
31	<b>Nutrient Gelatin</b> (For detection of gelatin liquefaction by proteolytic microorganisms).	500×2
32	<b>Meat extract B Powder</b> (For routine cultivation of non fastidious bacteria.)	500×2
33	<b>DEV Tryptophan broth</b> (Medium for subcultivation of coliform, differentiation and for indole testing in the bacteriological examination of water.)	500×2
34	<b>MR-VP Broth (Glucose Phosphate Broth)</b> (for performance of Methyl Red and Voges Proskauer tests to differentiate amongst coli-aerogenes group.)	500×2
35	<b>Simmons citrate agar</b> (for differentiating members of Enterobacteriaceae on the basis of citrate utilization.)	500×2
36	<b>Phenol red dextrose broth</b> (for Dextrose fermentation studies of microorganisms)	500×2
37	<b>Phenol red lactose broth</b> (for Lactose fermentation studies of microorganisms)	500×2
38	<b>Phenol red maltose broth</b>	500×2

## List of media and chemicals

## Annexure-A

	(for Maltose fermentation studies of microorganisms)	
39	<b>Phenol red sucrose broth</b> (for Sucrose fermentation studies of microorganisms)	500×2
40	<b>Phenol red Rhamnose broth</b> (for Rhamnose fermentation studies of microorganisms)	100×2
41	<b>Arginine Dihydrolase broth</b> (for detection of arginine dihydrolase producing microorganisms.)	500×2
42	<b>D-(-)-Fructose</b> For Bacteriology	500×1
43	<b>Rapid Urease Test Broth</b> (for the differentiation of organisms, especially the Enterobacteriaceae on the basis of urease production)	500×2
44	<b>Eosin Methylene Blue Agar</b> (for isolation, enumeration and differentiation of members of Enterobacteriaceae)	500×2
45	<b>Lactose broth</b> (for detection of coliform bacteria in water, foods, dairy products in accordance with IP).	500×2
46	<b>Buffered Sodium Chloride-peptone solution PH 7.0</b> (recommended as a diluent for carrying out microbial limit testing by harmonized methodology of pharmaceutical products in accordance with USP/EP/BP/JP/IP.)	500×2
47	<b>Lactobacillus selection broth base</b> (for the selective isolation, cultivation and enumeration of Lactobacilli from foods.)	500×2
48	<b>Lactobacillus selection agar base</b> (for isolation and enumeration of Lactobacilli from foods)	500×2
49	<b>Dey-Engley Neutralizing Broth</b> (for neutralizing and testing antiseptics and disinfectants)	500×2
50	<b>Antibiotic Assay Medium No.1</b> (for microbiological assay of $\beta$ -lactam and other antibiotics.)	500×2
51	<b>Antibiotic Assay Medium No.2</b> (for microbiological assay of antibiotics.)	500×2
52	<b>Antibiotic Assay Medium No.3</b> (for microbiological assay of antibiotics.)	500×2
53	<b>Antibiotic Assay Medium No.11</b> (Neomycin, Erythromycin Assay Agar) (Erythromycin Seed Agar) for microbiological assay of antibiotics	500×2

## List of media and chemicals

## Annexure-A

54	<b>Antibiotic Assay Medium No.32</b> (for preparing inoculum of Bacillus subtilis during assay of Dihydrostreptomycin and Vancomycin).	500×2
55	<b>Antibiotic Assay Medium No.34</b> (for preparation of suspension of Mycobacterium smegmatis used as the test organism for the assay of Bleomycin.)	500×2
56	<b>Antibiotic Assay Medium No.35</b> (for microbiological assay of Bleomycin using Mycobacterium smegmatis)	500×2
57	<b>Antibiotic Assay Medium No.36</b> (a general purpose medium used with or without blood or other enrichment, for isolating a wide variety of fastidious microorganisms)	500×2
58	<b>Antibiotic Assay Medium No.39</b> (for the microbiological assay of Neomycin and Streptomycin using Klebsiella pneumoniae as the test organism.)	500×2
59	<b>Triple sugar iron agar</b> (for identification of Gram-negative enteric bacilli on the basis of dextrose, lactose and sucrose fermentation and hydrogen sulphide production.)	500×2
60	<b>Yeast extract powder</b> (Recommended for use in microbial culture media fermentation and other biological products.)	500×2
61	<b>Agar powder, Extra Pure, Bacteriological Grade</b> (Recommended for culture media, disc diffusion susceptibility tests).	500×2
62	<b>Plate count agar</b> (for determination of plate counts of microorganisms in foods, water and waste water)	500×2
63	<b>MRS broth, Granulated</b> (for cultivation of all Lactobacilli)	500×2
64	<b>MRS agar, Granulated</b> (for isolation and cultivation of Lactobacilli.)	500×2
65	<b>PNY medium</b> (for cultivation and isolation of Lactobacillus species.)	500×2
66	<b>Sabouraud dextrose agar</b> (for cultivation of yeasts, moulds and aciduric micro-organisms in accordance with the harmonized method of USP/EP/BP/JP)	500×2
67	<b>Pantothenate Assay Medium</b> (for calcium pantothenate assay)	100×3
68	<b>Sterile mineral oil</b>	100×2
69	<b>Spore strip (Geobacillus stearothermophilus)</b> (ATCC 7953, No. of spores per strip= 10 <sup>6</sup> for steam sterilization.	1×100 no

## List of media and chemicals

## Annexure-A

70	<b>Bacteriodes Bile Esculin Agar base</b> (for selective isolation, identification and cultivation of bacteriodes group)	1x500

## List of chemicals

	<i>Name of the Chemicals</i>	<i>Amount per unit</i>
1	Gram staining kit (Gram's crystal violet, Gram's decolourizer, Gram's iodine and Safaranin)	1kt (not less than 100ml)
2	Carbol Fuchsin (ZN, Strong)	1x125 ml
3	Malachite Green, 1% w/v	1x100 ml
4	Safaranin	1x125 ml
5	Methylene Blue (Loeffler's)	1x125 ml
6	Acid Fast Decolourizer	1x125 ml
7	Lactophenol Cotton Blue	1x100 ml
8	Kovac's Indole reagent	1x100 ml
9	Durham Tubes Neutral glass, autoclavable; length : 25mm - 27mm, diameter : 6 - 7mm.	250 no
10	Methyl Red, practical grade	25 gm
11	Oxidase discs (50 discs/vl) For Oxidase testing (10mm).	1 vial
12	Glycerol	1 litre
13	Immersion oil, For microscopy (low viscosity)	125 gm
14	Polysorbate 20 (Tween 20)	500 gm
15	Polysorbate 80 (Tween 80)	500 gm
16	Deodorizing pearls (citrus fragrance) for masking the oppressive odours during autoclaving of exposed plates, bacterial growth and contaminated material.	5x50 no
17	Instant hand disinfectant gel (Ethyl alcohol 75% and triclosan 0.5%)	500ml x 4
18	Disinfectant cum germicide (Benzalkonium chloride 20%, cetrimide 0.5%, isopropyl alcohol 5% and emulsifier)	5 litre x 2
19	Sodium chloride	500gm x 2
20	Hydrogen Peroxide	1 litre
21	Di potassium hydrogen phosphate anhydrous	500gm x 2
22	Potassium dihydrogen orthophosphate monobasic	500gm x 2
23	Sodium Hydroxide	500gm x 1
24	Iso propyl alcohol	25 ltr
25	Formaldehyde	2.5 ltr
26	Potassium permanganate	500gm X 2
27	Potassium Hydroxide	500gm
28	Ethanol 95%	500ml x 2
29	Isopropyl myristate	500ml x 2
30	Phosphoric acid	500ml x 2
31	Acetone	500ml x 2
32	Glucose	500gm
33	Disodium Phosphate	500gm x 2
34	Citric acid anhydrous	500gm
35	Sodium metabisulfite	500gm

**Glassware**

Sl. No.	Glassware	Specification	Quantity
1	Laboratory glass bottle	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Designed with replaceable polypropylene pour ring.</li> <li>3. The bottles, screw caps and pouring rings should be autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. GL 45 screw thread.</li> <li>6. polypropylene cap</li> <li>7. Capacity(ml): 500</li> </ol>	20
2	Laboratory glass bottle	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Designed with replaceable polypropylene pour ring.</li> <li>3. The bottles, screw caps and pouring rings should be autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. GL 45 screw thread.</li> <li>6. polypropylene cap</li> <li>7. Capacity(ml): 1000</li> </ol>	20
3	Laboratory glass bottle	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Designed with replaceable polypropylene pour ring.</li> <li>3. The bottles, screw caps and pouring rings should be autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. GL 45 screw thread.</li> <li>6. polypropylene cap</li> <li>7. Capacity(ml): 250</li> </ol>	10
4	Erlenmeyer flasks	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Uniform wall thickness</li> <li>3. Autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. Neck outer diameter (mm): 42 - 45</li> <li>6. Capacity (ml): 1000</li> </ol>	5

5	Erlenmeyer flasks	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Uniform wall thickness</li> <li>3. Autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. Neck outer diameter (mm): 34 - 38</li> <li>6. Capacity (ml): 500</li> </ol>	15
6	Erlenmeyer flasks	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Uniform wall thickness</li> <li>3. Autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. Neck outer diameter (mm): 34 - 38</li> <li>6. Capacity (ml): 250</li> </ol>	20
7	Erlenmeyer flasks	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Uniform wall thickness</li> <li>3. Autoclavable / sterilisable.</li> <li>4. Enhanced graduations</li> <li>5. Neck outer diameter (mm): 22 - 32</li> <li>6. Capacity (ml): 100</li> </ol>	10
8	Measuring cylinders	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Single metric scale</li> <li>3. Graduated</li> <li>4. Designed with pouring spout</li> <li>5. Capacity (ml): 100</li> <li>6. Tolerance <math>\pm</math> ml: 0.5</li> </ol>	4
9	Measuring cylinders	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Single metric scale</li> <li>3. Graduated</li> <li>4. Designed with pouring spout</li> <li>5. Capacity (ml): 250</li> <li>6. Tolerance <math>\pm</math> ml: 1.0</li> </ol>	4
10	Measuring cylinders	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant.</li> <li>2. Single metric scale</li> <li>3. Graduated</li> <li>4. Designed with pouring spout</li> </ol>	2

		5. Capacity (ml): 500 6. Tolerance $\pm$ ml: 1.5 to 2.5	
11	Mixing Cylinders	1. Clear, Mechanically strong and chemical resistant. 2. Single metric scale 3. Graduated 4. With solid glass stopper 5. Capacity (ml): 50 6. Tolerance $\pm$ ml: 0.5	2
12	Mixing Cylinders	1. Clear, Mechanically strong and chemical resistant. 2. Single metric scale 3. Graduated 4. With solid glass stopper 5. Capacity (ml): 100 6. Tolerance $\pm$ ml: 0.5	2
13	Mixing Cylinders	1. Clear, Mechanically strong and chemical resistant. 2. Single metric scale 3. Graduated 4. With solid glass stopper 5. Capacity (ml): 250 6. Tolerance $\pm$ ml: 1.0	2
14	Measuring Pipettes (Mohr Type)	1. Clear, Mechanically strong and chemical resistant borosilicate glass. 2. Marking should be permanent with amber stain. 3. Capacity (ml): 0.1 4. Graduation Interval (ml): 0.01 5. Tolerance $\pm$ ml: 0.006	5
15	Measuring Pipettes (Mohr Type)	1. Clear, Mechanically strong and chemical resistant borosilicate glass. 2. Marking should be permanent with amber stain. 3. Capacity (ml): 0.2 4. Graduation Interval (ml): 0.01 5. Tolerance $\pm$ ml: 0.006	5

## Annexure-B

16	Measuring Pipettes (Mohr Type)	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant borosilicate glass.</li> <li>2. Marking should be permanent with amber stain.</li> <li>3. Capacity (ml): 2.0</li> <li>4. Graduation Interval (ml): 0.1</li> <li>5. Tolerance <math>\pm</math> ml: 0.010</li> </ol>	10
17	Measuring Pipettes (Mohr Type)	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant borosilicate glass.</li> <li>2. Marking should be permanent with amber stain.</li> <li>3. Capacity (ml): 25.0</li> <li>4. Graduation Interval (ml): 0.2</li> <li>5. Tolerance <math>\pm</math> ml: 0.1</li> </ol>	3
18	Measuring Pipettes (Serological)	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant borosilicate glass.</li> <li>2. Marking should be permanent with amber stain.</li> <li>3. Capacity (ml): 10.0</li> <li>4. Graduation Interval (ml): 0.1</li> <li>5. Tolerance <math>\pm</math> ml: 0.05</li> </ol>	5
19	Measuring Pipettes (Serological)	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant borosilicate glass.</li> <li>2. Marking should be permanent with amber stain.</li> <li>3. Capacity (ml): 2.0</li> <li>4. Graduation Interval (ml): 0.1</li> <li>5. Tolerance <math>\pm</math> ml: 0.010</li> </ol>	10
20	Measuring Pipettes (Serological)	<ol style="list-style-type: none"> <li>1. Clear, Mechanically strong and chemical resistant borosilicate glass.</li> <li>2. Marking should be permanent with amber stain.</li> <li>3. Capacity (ml): 1.0</li> <li>4. Graduation Interval (ml): 0.1</li> <li>5. Tolerance <math>\pm</math> ml: 0.007</li> </ol>	10
21	Tubes, Without Rim	<ol style="list-style-type: none"> <li>1. Clear, Mechanically resistant and chemical resistant borosilicate glass.</li> <li>2. Round bottom,</li> <li>3. High thermal shock resistance</li> <li>4. Rimless</li> </ol>	100 x 4

		<p>5. O.D. (mm) X length (mm) and capacity (ml) should be printed clearly on each tube.</p> <p>6. Capacity: 27 ml.</p> <p>7. Approx O.D. X Length (mm): 18 x 150</p>	
22	Tubes, Without Rim	<p>1. Clear, Mechanically resistant and chemical resistant borosilicate glass.</p> <p>2. Round bottom,</p> <p>3. High thermal shock resistance</p> <p>4. Rimless</p> <p>5. O.D. (mm) X length (mm) and capacity (ml) should be printed clearly on each tube.</p> <p>6. Capacity: 70 ml.</p> <p>7. Approx O.D. X Length (mm): 25 x 200</p>	100 x 2
23	Microscope Slides	<p>1. White, corrosion resistant glass.</p> <p>2. Ground and polished edges on all four sides.</p> <p>3. Pre-cleaned and ready to use.</p> <p>4. Thin, flat and resistant to corrosion or fogging.</p> <p>5. Plain (not frosted).</p>	500 pcs.
24	Cover glass	<p>1. White, corrosion resistant glass.</p> <p>2. Resistant to corrosion and fogging.</p> <p>4. Pre-cleaned and ready to use.</p> <p>5. Pack Size 22 x 22 mm</p>	500 – 1000 pcs.
25	Separating Funnel	<p>1. Borosilicate 3.3 glass.</p> <p>2. Equipped with a PTFE key stopcock.</p> <p>3. Pear shape, with a stem.</p> <p>4. Capacity: 500 ml</p>	5
26	Petri Dishes	<p>1. Clear and transparent Glass.</p> <p>2. Top and base should be absolutely flat.</p> <p>3. Bubbles free.</p> <p>4. Withstand repeated sterilization (wet and dry).</p> <p>5. Approx O.D. X Height (mm): 90 X 17</p>	100 X 2

27	Desiccators	<ol style="list-style-type: none"><li>1. Borosilicate glass</li><li>2. With ground glass flanges</li><li>3. Plates should be positioned on an internal ledge within the base</li><li>4. Approx. Internal Diameter of ground flange (mm): 150</li></ol>	1
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Plasticwares

Sl. No.	Product	Specification	Quantity
1	Wash Bottle	1. Material : LDPE 2. Autoclavable 3. Capacity(ml.): 500 (Max.)	4
2	Test Tube Basket	1. Material : Polypropylene 2. Autoclavable 3. Dimension (l X b X h) mm: 110 X 120 X 150 (Approx.)	6
3	Test Tube Basket	1. Material : Polypropylene 2. Autoclavable 3. Dimension (l X b X h) mm: 180 X 170 X 160 (Approx.)	12
4	Test Tube Basket	1. Material : Polypropylene 2. Autoclavable 3. Dimension (l X b X h) mm: 230 X 230 X 230 (Approx.)	12
5	Draining Tray	1. Material : Polycarbonate 2. Autoclavable 3. Dimension (l X b X h) mm: 400 X 300 X 100 (Approx.)	6
6	Horizontal Pipette Rack	1. Material : Polypropylene 2. Places: 12	6
7	Vertical Rotary Pipette Stand	1. Material : Polypropylene 2. Places: 94	1
8	Pipette Bulb	1. Material : Natural Rubber 2. Capacity ( ml.): Upto 100 ml.	4
9	Micro Tip	1. Material : Polypropylene 2. Autoclavable 3. Capacity( $\mu$ l.): 2 - 200	5,000 pcs.
10	Micro Tip	1. Material : Polypropylene 2. Autoclavable 3. Capacity( $\mu$ l.): 200 - 1000	2,500 pcs.
11	Macro Tip	1. Material : Polypropylene 2. Autoclavable 3. Capacity( $\mu$ l.): 1000 - 5000	300 pcs.
12	Micro Tip Box	1. Material : Polypropylene 2. Autoclavable 3. Capacity( $\mu$ l.): 2 - 200	5
13	Micro Tip Box	1. Material : Polypropylene 2. Autoclavable 3. Capacity( $\mu$ l.): 200 - 1000	5
14	Membrane Filter unit	1. Material : PSF 2. Autoclavable 3. Membrane holder I.D.: 47 mm 4. Cap. Of upper Chamber (ml): 500 or better 5. Cap. Of lower Chamber (ml): 500 or better	08

## Annexure- B

15	Parafilm M	Size: 4" X 125'	1 Roll
16	Rack for Micro Tube	1. Material : Polycarbonate 2. Places: 24 3. Capacity ( ml) of upper side: 1.5 to 2 4. Capacity ( ml) of reverse side: 0.5	6
17	Test Tube Stand	1. Material : Polycarbonate 2. Places: 20 3. Tube diameter (mm): 20	6
18	Test Tube Stand	1. Material : Polycarbonate 2. Places: 18 3. Tube diameter (mm): 25	16
19	Cryo Box	1. Material : Polycarbonate 2. Places: 25 3. Capacity (ml): 1.0 & 1.8 (Max.)	24
20	Sterile Cryovial	1. Material : Polypropylene 2. Capacity (ml): 1.8 (Max.)	500
21	Micro Centrifuge Tube	1. Material : Polypropylene 2. Autoclavable 3. clear, transparent. 4. Capacity (ml): 1.5 (Max.)	500 pcs
22	Indicator Tape for Steam Autoclave	Size: 1" x 500" or more in length	1 Roll
23	High temperature Indicator Tape for dry oven	Size: 0.75" x 250" or more in length	1 Roll
24	Cryo Tags	Size (l x b) mm: 32.5 x 12.7	200
25	Pestle & Mortar	1. Made of porcelain 2. 150x 100 or better	1
26	Pasteur Pipette	1. Material: LPDE 2. Capacity maximum 3 ml.	500