

File No.11023/32/2019-QA
Food Safety and Standards Authority of India
(A statutory Authority established under the Food Safety and Standards Act, 2006)
(Quality Assurance Division)
FDA Bhawan, Kotla Road, New Delhi – 110002

Dated, the 6th January, 2020

To,

M/s Bioxia, Thane, Mumbai
M/s Asian Scientific Industries, New Delhi
M/s 7 Steps Consultores Pvt. Ltd., New Delhi
M/s IMSET, Thane, Mumbai
M/s Hydrocarbon Solutions(I) Pvt. Ltd., Bangalore

SUB: RATE CONTRACT FOR SETTING UP MICROBIOLOGY LABORATORY AT VARIOUS SFTLS ON TURNKEY BASIS-REG.

- REF: (i) RFP No. 06/2019-20 dated 30.04.2019 of FSSAI and related Corrigendums**
(ii) M/s Bioxia undertaking dated 04.12.2019
(iii) M/s Asian Scientific Industries letter No. ASI/Gen/2019- 20/FSSAI/ Micro/ 2111(ii) dated 21.11.2019 and undertaking dated 05.12.2019
(iv) M/s 7 Steps Consultores Pvt. Ltd. Letter No. 7SC/FSSAI/DEL/21112019/IIIV dated 21.11.2019 and undertaking dated 05.12.2019
(v) M/s IMSET letter No. Nil dated 22.11.2019 and undertaking dated 4.12.2019
(vi) M/s Hydrocarbon Solutions(I) Pvt. Ltd. letter No. HPI/ND/FSSAI/EMP/19-20 dated 22.11.2019 and undertaking dated 05.12.2019

Sir/Madam,

I am directed to refer to the RFP and the letters under reference conveying unconditional acceptance to the following terms and conditions by the respective Company/Firm and to empanel them for Setting up Microbiology laboratory at various State Food Testing Laboratories of States/UTs on turnkey basis.

2. The scope of the work is divided into following components:
- Supply, installation and commissioning of microbiology laboratory equipments.
 - Supply of media and consumables
 - Erection of Clean Room
 - Carry out associated Civil and Electrical Work
 - Supply of Manpower.
 - Maintenance of Microbiology Laboratory during the contract period.
3. **Supply, installation and commissioning of microbiology laboratory equipments:** This will be as per Annexure 'A'
4. **Cost of equipment and manpower:** This will be as per details given below-

(In Rs.)

Cost of Equipments mentioned in Annexure 'A' alongwith 03 years' warranty		1,12,86,999/-
Cost of 03 No. of manpower (1 st year)	23,00,000.00	75,00,000/-
Cost of 03 No. of manpower (2 nd year)	25,00,000.00	
Cost of 03 No. of manpower (3 rd year)	27,00,000.00	
Total		1,87,86,999/-

Umk/mb

Note: Cost of equipment/Manpower is exclusive of any taxes and duties as applicable FOR destination anywhere in India. Prices are valid for three years from the date of Rate Contract. Custom Duty Exemption document, if any, shall be provided by respective States/UTs FDA/Lab, to the supplier.

5. **Supply of media and consumables:** This will be as per **Annexure 'B'**. The cost given is exclusive of the cost of equipment and GST.

6. **Erection of Clean Room:** This will be as per the specifications at **Annexure 'C'**. The price of various components is given below:

		(In Rs.)
1.	Insulated Puff Paneling as per RFP(per Sq. feet) (Panel Thickness: 60mm)	4250/-
2.	The Cost of HVAC (Supply, Installation, Testing of Double skin AHU consisting of Aluminum Frame work, 3 way corners with double skin panels thickness 43 mm having outer walls of 0.67 mm thick pre coated sheet and inner skin 0.67 mm GI sheets	29,78,000/-
3.	The Cost of Ducting in running per unit length (per Sq. feet) (Supply, Installation, testing and Commissioning of G.S.S. 24 Gauge ducting complete in all respect along with silicon sealant	1160/-
4.	(a) The Cost of Single Door inside the Clean Room(size: 750mm x 2100mm)	30,000/-
	(b) The Cost of Double Door inside the Clean Room(size: 1500mm x 2100mm)	45,000/-
5.	(a) Supply, Installation of SS-304 Static Pass Box (working size: 450mm W x 450mm D x 450mm H)	75,000/-
	(b) Supply, Installation of SS-304 Dynamic Pass Box (working size: 450mm W x 450mm D x 450mm H)	1,20,000/-
6.	Epoxy Flooring in the Clean area complete work with 3.0mm (2mm +1mm) thickness (per sq feet)	250/-

7. **Associated Civil and Electrical Work:** This will be carried out as per the requirement of States/UTs. The Model Layout attached at **Annexure 'D'** may be followed as far as possible and. The work has to be carried out as per CPWD rates and where the item is not available in the CPWD schedule as per the Market rate. The Bill of Quantities (BoQ) has to be prepared in consultation with States/UTs.

8. **Supply of Manpower:**

(a) The Company/Firm will have to provide full time three trained personnel specialized in microbiology (Microbiologist -01 and Assistant Analyst -02) for 03 years at the yearly cost mentioned in para 4 above. These personnel will be responsible for the working of the instrument i.e. sample preparation, method validation, operation of instrument and data interpretation. These personnel will not claim to be an employee of FSSAI/State Laboratory. These personnel will work under the supervision of state laboratory head and carry out the required analysis of various samples received in the lab. These personnel will also be responsible for providing training on the instrument to the laboratory staff. These personnel should have following qualification and experience:

i. Microbiologist:

Qualification: M.Sc. with First Class in microbiology or allied subjects from a recognized university with three years experience in Food/Water/Pathogen handling.

Desirable Qualification: Qualified and Certified Food Analyst conducted by FSSAI.

Umk/mb

ii. Assistant Analyst:

Qualification: M.Sc. with First Class in microbiology or allied subjects from a recognized university.

Desirable Qualification: Qualified and Certified Junior Food Analyst conducted by FSSAI.

Note: Engagement of manpower and period of engagement will be at the sole discretion of FSSAI/State Food Commissioners or any office designated by FSSAI.

(b) The Company/Firm will have to maintain backup of the manpower supplied in case of prolonged leave or any unforeseen circumstances.

(c) In case the person provided by the Company/Firm is found to be involved in any unlawful activity, the firm will be liable to remove him immediately and provide a replacement. The decision of the FSSAI/state food lab would be final and binding to the supplier in this regard.

9. **List of additional items:** The cost of these items will be as per Annexure 'E'. However, the cost of these items has not been included under this Rate Contract. The price for procurement of any of these items is to be paid by respective State/UT separately..

10. **Order to be placed:** Order can be placed to any of the following vendors -

Sl. No.	Name of supplier	Order to be placed to	Contact No. and E-mail ID
1.	M/s Bioxia,	A-9, Shanti Industrial Estate, Pokharan Road No.1, Upavan, Thane(W)-400606	Phone: 8655003624/9320136999 E-mail: bioxia.in@gmail.com
2.	M/s Asian Scientific Industries	6 UA/3, Jawahar Nagar, Delhi-7	Phone: 9999368809, 9643399809 E-mail:asian_industries1959@yahoo.in
3.	M/s 7 Steps Consultores Pvt. Ltd.	F-17, 1 st Floor, Jinkushal Suri Complex, Plot No. 230-A, Masjid Moth, South Extension Part-II New Delhi-49	Phone: 9818726101 E-mail:consultant@7steps.co.in Tele: 011-25251821/26251822
4.	M/s IMSET	22, Khandelwal Industrial Estate, Pokharan Road No.1, Upavan, Thane(W)-400606	Phone: 9022136999/9022136999 E-mail: imset.in@gmail.com
5.	M/s Hydrocarbon Solutions(I) Pvt. Ltd.	No.3, 17 th Cross, 2 nd Main, Behind Uma Maheshwara Temple, 2 nd Stage, Banashankari, Bangalore-560070	Phone: 9910018025 E-mail: sudip_n@hpiindia.com Toll Free No. 18001030725

Note: The above would not change during the implementation of the scheme without the written consent of FSSAI HQ.

11. **Pre Installation requirement:** This is to be provided by the Company/Firm immediately after receipt of Supply Order.

Umk 2m

12. **Payment Terms:** This will be as per details given below -

S.N.	Amount to be paid, INR	Condition(s) for release
Part A		
1.	80 % of the cost of equipment	On satisfactory installation and commissioning of the equipments
2.	Balance 20% of the cost of equipment	On satisfactory installation, commissioning of the equipments, successful demonstration of the facility, training and validation
Part B		
1.	100% of the total cost of civil and electrical works	Running Bill after certification by FSSAI Civil/Electrical Engineer
Part C		
1.	Manpower	The payment in respect of manpower will be released on half yearly basis, after it becomes due.

13. **Delivery Schedule:** Delivery period for setting up Microbiology section and installation of equipments would be **180 days** from the date of issue of Supply Order.

14. **Packing:** The material should be packed securely for shipment to withstand shock and hazardous transit by air, rail and road. Material supplied shall reach the destination in good and acceptable condition.

15. **Warranty / Guarantee:**

(a) Warranty should be provided for 03 years after successful installation of the instrument excluding consumables parts and accessories. Service and training during warranty period should be free of cost. This should cover the repair and maintenance with spare parts of the equipment supplied under the Supply Order. This will also include:

(i) Preventive Maintenance Service: The Company/Firm will provide a minimum of two Preventive Maintenance Service visits during a year to the operating base to carry out functional check-ups and minor adjustments/tuning as may be required.

(ii) Breakdown Maintenance Service: In case of any breakdown of the equipment/system, on receiving a call from the Buyer, the Company/Firm is to provide maintenance service to make the equipment/system serviceable.

(b) Response time: The response time of the Company/Firm should not exceed 48 hours from the time the breakdown intimation is provided by the Buyer.

(c) Serviceability of 90% per year is to be ensured. This amounts to total maximum downtime of 37 days per year. Also unserviceability should not exceed 2 working days at one time. Required spares to attain this serviceability may be stored at site by the Company/Firm at its own cost. Total down time would be calculated at the end of the year. If downtime exceeds permitted downtime, Liquidated Damages would be applicable for the delayed period.

(d) Maximum repair turnaround time for equipment/system would be 03 days. However, the spares should be maintained in a serviceable condition to avoid complete breakdown of the equipment/system.

Umesh Mishra

(e) During the Warranty period, the Company/Firm shall carry out all necessary servicing/repairs to the equipment/system under Warranty at the current location of the equipment/system. Prior permission of the Buyer would be required in case certain components/sub systems are to be shifted out of location. On such occasions, before taking over the goods or components, the Company/Firm will give suitable bank guarantee to the Buyer to cover the estimated current value of item being taken.

16. **Inspection:** The facility may be inspected by the inspection team of FDA/Lab or any other expert. Any change/amendment pointed out during the inspection will be binding.

17. **Right of rejection:** The material supplied should be of specified model and make. FDA/Lab reserves the right to reject the material whole or part thereof.

18. **Penalty for delay in supplies/installation:** In the event of delay in supply, installation, testing and commissioning of equipment to the satisfaction of FSSAI and respective FDA/Lab beyond the stipulated date.

(a) The supplier will inform FSSAI and respective FDA/Lab in writing the reasons for delay in supply and/or installation of equipment.

(b) In the event of the supplier failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SUPPLIER as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

19. **Arbitration:** All disputes or differences arising out of or in connection with this Rate Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to this Rate Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per the Arbitration and Conciliation Act, 1996 of India. Venue of Arbitration shall be place from where the contract has been issued i.e. New Delhi, India.

20. The firm will be required to furnish a Performance Guarantee to respective **State Food Commissioners/FDA/Laboratory** by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business for a sum equal to 10% of the contract value within 30 days of receipt of the confirmed order. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty.

21. Performance Security Deposit can be withheld or forfeited in full or in part, in case the supply of equipments is not executed satisfactorily within the stipulated time. Performance Security Deposit will be returned to the firm without interest after successful completion of the contract.

22. The suppliers shall have complete responsibility for the equipment in consultation with the staff of state lab where the equipment will be installed. In the event of any equipment going out of calibration the company shall be responsible for carrying out required repairs and adjustments.

Umesh Singh

23. The Supplier should supply only new equipments. A Certificate from the principal to this effect should be submitted by the supplier at the time of delivery.

24. The supplier shall be responsible for payment of any charges due to any statutory authorities such as Income Tax, Sales Tax, Customs Duties, etc.

25. **Taxes/Duties/levies:** This will be as applicable from time to time and will be paid by States/UTs over and above the price mentioned in this Rate Contract.

26. The terms and conditions which have not been mentioned in this letter (i.e. Rate Contract) shall be governed / regulated by the terms and conditions as specified in the RFP and other amendments published from time to time.

Yours faithfully,

Umesh Jain
6/1/2020
(Umesh Kumar Jain)
Joint Director/QA
Phone: 011-23237419

Copy to: All Commissioners of Food Safety (as per list enclosed) with the **request to issue order for setting up of microbiological laboratory to the selected vendor only after the order is vetted by the FSSAI.** A copy of standard format of order is enclosed.

Umesh Jain

STANDARD FORMAT OF ORDER

File No. _____
Address of the State _____

Dated, the

M/s _____

**ORDER FOR SETTING UP MICROBIOLOGY LABORATORY ON
TURKEY BASIS UNDER FSSAI RATE CONTRACT**

1. Reference FSSAI Rate Contract No. 11023/32/2019-QA, dated 6th January, 2020.

2. Setting up of Microbiology Laboratory is awarded to your firm at (name & address of the laboratory) as per layout attached at a total cost of Rs. _____. Component-wise details are given below:

S.N.	Components	Cost (in Rs.)
1.	Supply, Installation and Commissioning of Microbiology laboratory equipments (Refer Annexure 'A' of the Rate Contract)	
2.	Supply of media and consumables (Refer Annexure 'B' of the Rate Contract)	
3.	Erection of Clean Room (Details of expenditure attached)	
4.	Associated Civil and Electrical work (As per Bill of Quantities attached)	
5.	Supply of Manpower	
Grand Total		

2. All terms and conditions will be as per Rate Contract of FSSAI (already shared). Accordingly 10% of the total cost of the project needs to be submitted by the Company/Firm as Performance Bank Guarantee. The Performance Bank Guarantee should be valid for two months beyond the contract period.

(Name & Designation)

Copy to: Joint Director (QA), FSSAI HQ, FDA Bhawan, Kotla Road, New Delhi-02.

Umk/Smr

VENDORWISE LIST OF MICROBIOLOGY LABORATORY EQUIPMENTS

Sl. No	Items	Qty (Nos)	M/s Asian Scientific Industries, New Delhi	International Marketers for Scientific Equipments & Technologies (IMSET), Thane, Maharashtra	7 Steps Consultores Pvt Ltd, New Delhi	Hydrocarbon Solutions (India) Pvt Ltd, Bangalore	Bioxia, Thane, Maharashtra,
1.	Laminar Air Flow	01	ASIND Model: ASI-LAF/422/MBC	IMSET Model: EPC LAFV Must be Vertical	ASIND Model: ASI-LAF/422/MBC	ARC Model: 1133-LFH	IMSET Model: EPC LAFV Must be Vertical
2.	Bio Safety Cabinet Class II Type B2 (Total Exhaust)	01	ESCO Model: AB2-4S1-2010284	IMSET Model: EPC B 2 BSC	ESCO Model: AB2-4S1-2010284	ARC Model: 1133-BSB@	ESCO Model: AB2-4S
3.	Autoclave Vertical	02	EQUITRON Model: 7410-4072 With all listed accessories	EQUITRON Model: 7410-4072 With all listed accessories	EQUITRON Model: 7410-4072 With all listed accessories	TANCO Model: PLT-101 with all the accessories	EQUITRON Model: SLEDD 7410-4072 Vertical with all the accessories
4.	Incubators: 1) Ambient to 70 °C and 2) 5 °C to 50°C	02	JSR Model: JSGI-150T EQUITRON Model-7142-150	EQUITRON Model: 7251-150 EQUITRON Model-7142-150	EQUITRON Model: 7251-150 EQUITRON Model-7142-150	JSR Model: JSGI-150T JSR Model: JSB1-150C	EQUITRON Model: General incubator- #7251-150 Cooling incubator- #7142-150
5.	Digital Colony Counter	02	INTERSCIENCE Model: SCAN 100	BIOBASE Model: BC-50	INTERSCIENCE Model: SCAN 100	INTERSCIENCE Model: SCAN 100	BIOBASE Model: BC-50
6.	Stomacher (Lab Blender)	01	Merck Millipore Model : ESH-5427650001 With all listed accessories	BIOXIA Model: Stomacher With all listed accessories	Merck Millipore Model : ESH-5427650001 With all listed accessories	Athena Technology Model: Blue Stomacher with all listed accessories	Bioxia Model: Stomacher with all listed accessories

Sl. No	Items	Qty (Nos)	M/s Asian Scientific Industries, New Delhi	International Marketers for Scientific Equipments & Technologies (IMSET), Thane, Maharashtra	7 Steps Consultores Pvt Ltd, New Delhi	Hydrocarbon Solutions (India) Pvt Ltd, Bangalore	Bioxia, Thane, Maharashtra,
7.	Water Bath – Serological	01	JSR Model: JSWB-22T With all listed accessories	EQUITRON Model: Unstirred Bath #7514 With all listed accessories	THERMO SCIENTIFIC Model: TSGP10	EQUITRON Model: Unstirred Bath #8428 With all listed accessories	EQUITRON Model: Unstirred bath #7514
8.	Analytical Balance	02	Shimadzu Model: ATX224	Shimadzu Model: ATX224	Shimadzu Model: ATX224	RADWAG Model: AS220.R2	Contech Model: CAI-234
9.	Upright Frost Free Vertical Deep Freezer (-25 °C)	02	Celfrost Model: GN 650 BTM	Haier Model: DW-40L262	CelFrost Model: GN 650 BTM	Mehrotra biotech Model : DFS 250	Celfrost Model: BFS 345S
10.	UV-Vis Spectrophotometer	01	Shimadzu Model: UV 2600 With one pair glass and one pair Quartz cuvettes (3mL)	Shimadzu Model: UV 2600 With one pair glass and one pair Quartz cuvettes (3mL)	ThermoFisher Scientific Model: EVO 350 UV-Vis With one pair glass and one pair Quartz cuvettes (3mL)	Agilent Model: Cary 3500 With one pair glass and one pair Quartz cuvettes (3mL)	Shimadzu Model: UV 2600 With one pair glass and one pair Quartz cuvettes (3mL)
11.	Binocular Microscope	01	Olympus MAGNUS Model: MLXi-TR plus freedom with camera Magcam DC-5(with 0.5 x TR adapter)	Lynx Model: LM-52-1705	Olympus Model: MLXi-TR plus freedom with camera Magcam DC-5(with 0.5 x TR adapter)	Olympus Model: CX23	Lynx Model: LM-52-1705
12.	Howard Mold Counter	01	Hausser Scientific Model: 3820	Hausser Scientific Model: 23549-006	Hausser Scientific Model: 3820	Electron microscopy Model:63512-55	Hausser Scientific Model: 23649006

Sl. No	Items	Qty (Nos)	M/s Asian Scientific Industries, New Delhi	International Marketers for Scientific Equipments & Technologies (IMSET), Thane, Maharashtra	7 Steps Consultores Pvt Ltd, New Delhi	Hydrocarbon Solutions (India) Pvt Ltd, Bangalore	Bioxia, Thane, Maharashtra,
13.	Refrigerated Centrifuge	01	Remi Model: C24 Plus With 1) Fixed angle rotor (8x50 ml) 2) Fixed angled for 1.5-2.0mL3) Deep well microplate rotor and all related adapters and tubes	Remi Model: C24 Plus With 1) Fixed angle rotor (8x50 ml) 2) Fixed angled for 1.5-2.0mL3) Deep well microplate rotor and all related adapters and tubes	Remi Model: C24 Plus With 1) Fixed angle rotor (8x50 ml) 2) Fixed angled for 1.5-2.0mL3) Deep well microplate rotor and all related adapters and tubes	Remi Model: Neya 16R With 1) Fixed angle rotor (8x50 ml) 2) Fixed angled for 1.5-2.0mL3) Deep well microplate rotor and all related adapters	Remi Model: C24 Plus With 1) Fixed angle rotor (8x50 ml) 2) Fixed angled for 1.5-2.0mL3) Deep well microplate rotor and all related adapters and tubes
14.	BOD Incubator	02	Equitron Model: 7142-400	Equitron Model: 7144-400	Equitron Model: 7142-400	Mehrotra biotech Model : BOD300	Equitron Model: Incubator #7144-400
15.	Micro Filtration Assembly	01	AXIVA Model: 170047SWN1 With all listed accessories of funnel, flasks pump etc	AXIVA Model: 170047SWN1 With all listed accessories of funnel, flasks pump etc	AXIVA Model: 170047SWN1 With all listed accessories Of funnel, flasks etc	Millipore With all listed accessories Of funnel, flasks etc	Athena Technology Model: Sterility Test Filter Holder With all listed accessories Of funnel, flasks etc
16.	Digital pH Meter	02	HANNA Model: HI2002	BIOBASE Model: pH220	HANNA Model: HI2002	Eutech Model: Cyberscan pH 2700	Eutech Model: pH 2700
17.	Fumigator	01	NANOFOG fogger 30 Series Model: 3017(PFD)	Bioxia Model: OT Fumigator	AEROJET Model: ULV-SJ6	NANOFOG fogger 30 Series Model: 3017(PFD)	Bioxia Model: OT Fumigator
18.	UV Viewing Chamber	01	ASIND Model: ASI/UVC/PRO With 254 nm and 360 nm lamp	BTL Model: BTL 54 With 254 nm and 360 nm lamp	Cole Palmer Model: WW-97620-70 With 254 nm and 360 nm lamp	Camag	Bioxia Model: UVC

Sl. No	Items	Qty (Nos)	M/s Asian Scientific Industries, New Delhi	International Marketers for Scientific Equipments & Technologies (IMSET), Thane, Maharashtra	7 Steps Consultores Pvt Ltd, New Delhi	Hydrocarbon Solutions (India) Pvt Ltd, Bangalore	Bioxia, Thane, Maharashtra,
19.	Anaerobic Jar (Anaerobic Jar Filling System)	02	Bioxia Model: Anaerobic Jar Filling System	Bioxia Model: Anaerobic Jar Filling System	Bioxia Model: Anaerobic Jar Filling System	Don Whiteley Scientific Model: WhiteleyJar Gassing System	Bioxia Model: Anaerobic Jar Filling System
20.	Hot Air Oven	02	ASIND Model: ASI-326-HO1818/D	Equitron Model: 725120	Equitron Model: 7051-250	Equitron Model: Forced convection oven#7051-250	Equitron Model: Forced convection oven#7251-250
21.	Micropipette	02 Set (6 each)	PFACT Model: FINEAV-1000	Capp Model: Bravo	Eppendorf	Eppendorf	Capp Bravo Variable Volume
22.	Carbon dioxide incubator	01	Eppendorf Model: Galaxy@48R/48S	Thermo Scientific Model: i60CO2 incubator	Eppendorf Model: Galaxy@48R	Eppendorf Model: Galaxy@48R	Thermo Scientific Model: i60CO2 incubator
23.	Frost Free Double door (side by side) Refrigerator	02	Celfrost Model : FKG1000S	Celfrost Model : NFG 1000 A	PHCbi Sanyo Model: RRF - 250	Panasonic Model : MPR-1411	PHC CBD Model: MPR- 1411

Microbiological Media and Consumables

Sl.No.	MEDIA(Quote should be for unit pack)	Price
1	Acetate Agar	3980
2	Baird Parker Agar	965
3	Bismuth Sulphite Agar	710
4	Brain Heart Infusion Broth	600
5	Brilliant Green Lactose Bile Broth 2%	580
6	Bromocresol Purple Carbohydrate Broth	5810
7	Buffered Peptone Water	2545
8	Butterfield's Buffered Phosphate Diluent	190
9	Cooked Meat Medium	815
10	Carbohydrate Utilization Broth	3255
11	Czapek Yeast (Autolysate) CYA agar	3520
12	Decorboxylase Test Medium (Lysine, Ornithine, Arginine provide separately)	770
13	Dextrose Tryptone Agar	3285
14	EC Broth	725
15	Egg Yolk Tellurite Supplement	1540
16	Frazer Broth	740
17	L- EMB Agar	650
18	Gelatin Phosphate Salt Broth	3770
19	Gram Negative Broth (GN)	540
20	Hektoen Enteric Agar	740
21	Hough & Liefson Medium	850
22	Half Frazer Broth	4590

23	Klinger Iron Agar	645
24	Koser's Citrate Broth	660
25	Lactobacillus MRS Agar	2960
26	Lactose Broth	450
27	Lactose Gelatin Medium	3340
28	Lauryl Tryptose Broth	530
29	Liver Broth	2740
30	Lysine Iron Agar	630
31	Macconkey agar	6265
32	Malonate Broth	3565
33	Malt Agar	1080
34	Motility Test Medium	3190
35	MRVP Broth	735
36	MYP Agar	760
37	Modified Oxford Agar	4495
38	MY-40 Agar	3740
39	Nitrate Broth	805
40	Nutrient Broth	440
41	Nutrient Agar	600
42	Peptone Water Diluent	2295
43	Plate Count Agar	645
44	Phenol Red Carbohydrate Broth	725
45	Potato Dextrose Agar	3110
46	Pseudomonas Presumptive Test Broth	2470
47	Pseudomonas confirmation medium (Skim Milk Agar)	710
48	Ralcam Agar	1480

49	Phosphate Buffered peptone water	510
50	Selenite Cystine Broth	3225
51	Sheep Blood Agar	820
52	Sulphite Agar	3635
53	Tetrathionate Broth	530
54	Thiosulfate-Citrate-Bile Salts-Sucrose Agar (TCBS)	770
55	T1 NI Agar	3515
56	Thioglycollate Agar	3470
57	Tryptone Glucose Extract Agar	690
58	Triple Sugar Iron Agar	685
59	Tryptone Broth	535
60	Trypticase Soy Broth	3210
61	Tryptose-SulfiteCycloserine (TSC) Agar	4640
62	Urea Broth	4540
63	Violet Red Bile Agar	615
64	Xylose Lysine Deoxycholate Agar (XLD)	665



Sl.No.	Qty	PRICE
1 Acetate Agar - M1225 (HIMEDIA)	500gm	5064/-
2 Baird Parker Agar- M043(HIMEDIA)	100gm	978/-
3 Bismuth Sulphite Agar- M027(HIMEDIA)	100gm	906/-
4 Bromocresol Purple Carbohydrate Broth- GRM912(HIMEDIA)	5gm	240/-
5 Buffered Peptone Water – GM614(HIMEDIA)	500gm	3600/-
6 Cooked Meat Medium M149(HIMEDIA)	100gm	1038/-
7 Czapek Yeast (Autolysate) CYA agar- M2061(HIMEDIA)	500gm	4476/-
8 Dextrose Tryptone AgarM092(HIMEDIA)	500gm	4176/-
9 EC Broth -M127(HIMEDIA)	100gm	924/-
10 Egg Yolk Tellurite Supplement FD046L(HIMEDIA)	50mlX5VL	1902/-
11 L- EMB Agar GM022(HIMEDIA)	500gm	3702/-
12 Gelatin Phosphate Salt Agar M921(HIMEDIA)	500gm	4794/-
13 Hektoen Enteric Agar – M467(HIMEDIA)	100gm	942/-
14 Hough &Liefson Medium – M826(HIMEDIA)	100gm	1068/-
15 Klinger Iron Agar – M078(HIMEDIA)	100gm	822/-
16 Koser's Citrate Medium M069(HIMEDIA)	100gm	840/-
17 Lactobacillus MRS Agar- M641(HIMEDIA)	500gm	4044/-
18 Lactose Broth LQ211 C-5X100 ML(HIMEDIA)	5X100ml	810/-
19 Lactose Gelatin Medium M628(HIMEDIA)	500gm	4248/-
20 Lauryl Tryptose Broth M1070(HIMEDIA)	500gm	4392/-
21 Lysine Iron Agar – M377(HIMEDIA)	100gm	804/-
22 Macconkey agar GM081(HIMEDIA)	500gm	3702/-
23 Malonate Broth- M382(HIMEDIA)	100gm	4536/-
24 Malt Agar- M253(HIMEDIA)	100gm	1374/-
25 Motility Test Medium – M260(HIMEDIA)	500gm	4056/-
26 MYP Agar M636(HIMEDIA)	100gm	966/-
27 MY-40 Agar M594(HIMEDIA)	500gm	4758/-
28 Nitrate Broth – LQ083(HIMEDIA)	25X5ml	930/-
29 Nutrient Broth – M002(HIMEDIA)	100gm	558/-
30 Nutrient Agar- M001(HIMEDIA)	100gm	708/-
31 Peptone Water M0281(HIMEDIA)	500gm	3456/-
32 Plate Count Agar- M0915(HIMEDIA)	100gm	906/-
33 Potato Dextrose Agar – M11096(HIMEDIA)	100gm	744/-
34 Selenite Cystine Broth M1079(HIMEDIA)	500gm	4104/-
35 Sheep Blood Agar M1301(HIMEDIA)	100gm	1044/-
36 Sulphite Agar M311(HIMEDIA)	500gm	4626/-
37 Tetrathionate Broth M327(HIMEDIA)	100gm	750/-
38 Thiosulfate-Citrate-Bile Salts-Sucrose Agar (TCBS) M189(HIMEDIA)	100gm	978/-
39 T1 N1 AgarM1877(HIMEDIA)	500gm	4470/-
40 Thioglycollate AgarM608(HIMEDIA)	500gm	4416/-
41Tryptone Glucose Extract Agar M014(HIMEDIA)	100gm	876/-
42Triple Sugar Iron AgarM021(HIMEDIA)	100gm	774/-
43 Tryptone Broth GM463(HIMEDIA)	500gm	3576/-
44 Tryptic Soy Broth M196 (HIMEDIA)	500gm	4086/-
45 Tryptose-SulfiteCycloserine (TSC) AgarGM837(HIMEDIA)	500gm	5904/-
46 Urea Broth Medium MM111(HIMEDIA)	500gm	4224/-
47 Violet Red Bile Agar M049(HIMEDIA)	100gm	780/-
48 Xylose Lysine Deoxycholate Agar (XLD) M031(HIMEDIA)	100gm	846/-
49 Lysine Iron Agar – M377(HIMEDIA)	100gm	804/-
50 Macconkey agar GM081(HIMEDIA)	500gm	3702/-

Umesh Mishra
31/11/19

Mohit Kumar
08/11/19

Virender Kumar
31/11/19



51 Malonate Broth- M382(HIMEDIA)	100gm	4536/-
52 Malt Agar- M253(HIMEDIA)	100gm	1374/-
53 Motility Test Medium – M260(HIMEDIA)	500gm	4056/-
54 MYP Agar M636(HIMEDIA)	100gm	965/-
55 MY-40 Agar M594(HIMEDIA)	500gm	4758/-
56 Nitrate Broth – LQ083(HIMEDIA)	25X5ml	930/-
57 Nutrient Broth – M002(HIMEDIA)	100gm	558/-
58 Nutrient Agar- M001(HIMEDIA)	100gm	708/-
59 Peptone Water M0281(HIMEDIA)	500gm	3456/-
60 Plate Count Agar- M0915(HIMEDIA)	100gm	906/-
61 Potato Dextrose Agar – M11096(HIMEDIA)	100gm	744/-
62 Cooked Meat Medium M149(HIMEDIA)	100gm	1038/-
63 Czapek Yeast (Autolysate) CYA agar- M2061(HIMEDIA)	500gm	4476/-
64 Dextrose Tryptone Agar M092(HIMEDIA)	500gm	4446/-

Umesh Mishra
7/11/19

Nikhil Kumar
7/11/19

Vinod Kumar
7/11/19



7 STEPS

24. Microbiological Media and Consumables

Sl. No.	Make	MEDIA (Quote should be for unit pack)	Unit Price
1	Hi-media	Acetate Agar	4220
2	Hi-media	Baird Parker Agar	3655
3	Hi-media	Bismuth Sulphite Agar	3380
4	Hi-media	Brain Heart Infusion Broth	2855
5	Hi-media	Brilliant Green Lactose Bile Broth 2%	2750
6	Hi-media	6 Bromocresol Purple Carbohydrate Broth	3815
7	Hi-media	Buffered Peptone Water	2415
8	Hi-media	Butterfield's Buffered Phosphate Diluent	200
9	Hi-media	Cooked Meat Medium	3765
10	Hi-media	Carbohydrate Utilization Broth	3450
11	Hi-media	Czapek Yeast (Autolysate) CYA agar	3730
12	Hi-media	Decarboxylase Test Medium (Lysine, Ornithine, Arginine provide separately)	9685
13	Hi-media	Dextrose Tryptone Agar	3480
14	Hi-media	EC Broth	3165
15	Hi-media	Egg Yolk Tellurite Supplement	1585
16	Hi-media	Frazer Broth	4470
17	Hi-media	L- EMB Agar	2810
18	Hi-media	Gelatin Phosphate Salt Broth	3567
19	Hi-media	Gram Negative Broth (GN)	2565
20	Hi-media	Hektoen Enteric Agar	3280
21	Hi-media	Hough & Liefson Medium	3820
22	Hi-media	Half Frazer Broth	4470
23	Hi-media	Klinger Iron Agar	685
24	Hi-media	Koser's Citrate Broth	3025
25	Hi-media	Lactobacillus MRS Agar	3370
26	Hi-media	Lactose Broth	2140
27	Hi-media	Lactose Gelatin Medium	3540
28	Hi-media	Lauryl Tryptose Broth	2540
29	Hi-media	Liver Broth	2905
30	Hi-media	Lysine Iron Agar	2755
31	Hi-media	Macconkey agar	2750
32	Hi-media	Malonate Broth	3780
33	Hi-media	Malt Agar	4580
34	Hi-media	Motility Test Medium	3380
35	Hi-media	MRVP Broth	755
36	Hi-media	MYP Agar	3995
37	Hi-media	Modified Oxford Agar	4765

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821

F. +91 11 26251822

E. consultant@7steps.co.in

www.7steps.co.in



Umkh...
7/11/19

Handwritten signature and date 7/11/19.

Handwritten signature and date 7/11/19.

7 STEPS

38	Hi-media	MY-40 Agar	3965
39	Hi-media	Nitrate Broth	3655
40	Hi-media	Nutrient Broth	2105
41	Hi-media	Nutrient Agar	2640
42	Hi-media	Peptone Water Diluent	2435
43	Hi-media	Plate Count Agar	3510
44	Hi-media	Phenol Red Carbohydrate Broth	3140
45	Hi-media	Potato Dextrose Agar	2790
46	Hi-media	Pseudomonas Presumptive Test Broth	10475
47	Hi-media	Pseudomonas confirmation medium (Skim Milk Agar)	3965
48	Hi-media	Palcam Agar	7045
49	Hi-media	Phosphate Buffered peptone water	2415
50	Hi-media	Selenite Cystine Broth	3420
51	Hi-media	Sheep Blood Agar	3480
52	Hi-media	Sulphite Agar	3855
53	Hi-media	Tetrathionate Broth	1105
54	Hi-media	Thiosulfate-Citrate-Bile Salts-Sucrose Agar (TCBS)	3670
55	Hi-media	T1 N1 Agar	3725
56	Hi-media	Thioglycollate Agar	3680
57	Hi-media	Tryptone Glucose Extract Agar	3090
58	Hi-media	Triple Sugar Iron Agar	3065
59	Hi-media	Tryptone Broth	2540
60	Hi-media	Trypticase Soy Broth/(Tryptone soy Broth)	1795
61	Hi-media	Tryptose-Sulfite Cycloserine (TSC) Agar	4270
62	Hi-media	Urea Broth	3495
63	Hi-media	Violet Red Bile Agar	2925
64	Hi-media	Xylose Lysine Deoxycholate Agar (XLD)	3165

*Umesh Mishra
7/11/19*

*Abhinav
7/11/19*

*Virender Kumar
7/11/19*

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in



www.7steps.co.in



www.imset.co.in

Microbiological Media and Consumables

Sl.No.	MEDIA(Quote should be for unit pack)	Price
1	Acetate Agar	4179
2	Baird Parker Agar	1013.25
3	Bismuth Sulphite Agar	745.5
4	Brain Heart Infusion Broth	630
5	Brilliant Green Lactose Bile Broth 2%	609
6	Bromocresol Purple Carbohydrate Broth	6100.5
7	Buffered Peptone Water	2672.25
8	Butterfield's Buffered Phosphate Diluent	199.5
9	Cooked Meat Medium	855.75
10	Carbohydrate Utilization Broth	3417.75
11	Czapek Yeast (Autolysate) CYA agar	3696
12	Decorboxylase Test Medium (Lysine, Ornithine, Arginine provide separately)	808.5
13	Dextrose Tryptone Agar	3449.25
14	EC Broth	761.25
15	Egg Yolk Tellurite Supplement	1617
16	Frazer Broth	777
17	L- EMB Agar	682.5
18	Gelatin Phosphate Salt Broth	3958.5
19	Gram Negative Broth (GN)	567
20	Hektoen Enteric Agar	777
21	Hough & Liefson Medium	892.5
22	Half Frazer Broth	4819.5
23	Klinger Iron Agar	677.25

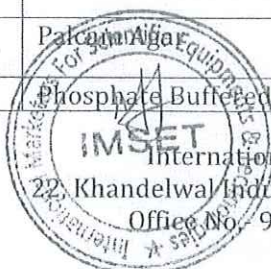
International Marketers For Scientific Equipments & Technologies
22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) – 400 606
Office No. - 9022136999, 9320136999 Email Id : imset.in@gmail.com





www.imset.co.in

24	Koser's Citrate Broth	693
25	Lactobacillus MRS Agar	3108
26	Lactose Broth	472.5
27	Lactose Gelatin Medium	3507
28	Lauryl Tryptose Broth	556.5
29	Liver Broth	2877
30	Lysine Iron Agar	661.5
31	Macconkey agar	6578.25
32	Malonate Broth	3743.25
33	Malt Agar	1134
34	Motility Test Medium	3349.5
35	MRVP Broth	771.75
36	MYP Agar	798
37	Modified Oxford Agar	4719.75
38	MY-40 Agar	3927
39	Nitrate Broth	845.25
40	Nutrient Broth	462
41	Nutrient Agar	630
42	Peptone Water Diluent	2409.75
43	Plate Count Agar	677.25
44	Phenol Red Carbohydrate Broth	761.25
45	Potato Dextrose Agar	3265.5
46	Pseudomonas Presumptive Test Broth	2593.5
47	Psuedomonas confirmation medium (Skim Milk Agar)	745.5
48	Palcam Agar	1554
49	Phosphate Buffered peptone water	



International Marketers For Scientific Equipments & Technologies
22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) – 400 606
Office No- 9022136999, 9320136999 Email Id : imset.in@gmail.com



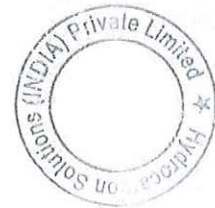
www.imset.co.in

		535.5
50	Selenite Cystine Broth	3386.25
51	Sheep Blood Agar	861
52	Sulphite Agar	3816.75
53	Tetrathionate Broth	556.5
54	Thiosulfate-Citrate-Bile Salts-Sucrose Agar (TCBS)	808.5
55	T1 N1 Agar	3690.75
56	Thioglycollate Agar	3643.5
57	Tryptone Glucose Extract Agar	724.5
58	Triple Sugar Iron Agar	719.25
59	Tryptone Broth	561.75
60	Trypticase Soy Broth	3370.5
61	Tryptose-SulfiteCycloserine (TSC) Agar	4872
62	Urea Broth	4767
63	Violet Red Bile Agar	645.75
64	Xylose Lysine Deoxycholate Agar (XLD)	698.25



International Marketers For Scientific Equipments & Technologies
22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) - 400 606
Office No.- 9022136999, 9320136999 Email Id : imset.in@gmail.com

Tag#24: Microbiological Media And Consumables (Optional - Prices are not included in total)					
Item Tag	Description	Qty	Unit	Unit Price Excluding GST	Unit Price Excluding GST
	Acetate Differential Agar (M339)	1	500gm	5,661.00	5,661.00
	Baird Parker Agar Base (M043)	1	500gm	5,374.00	5,374.00
	Bismuth Sulphite Agar (M027)	1	500gm	4,970.00	4,970.00
	Brain Heat Infusion Brtho (M210)	1	500gm	4,198.00	4,198.00
	Brilliant Green Bile Broth 2% (M121)	1	500gm	4,044.00	4,044.00
	Bromo Cresol Purple Broth Base(M676)	1	500gm	5,610.00	5,610.00
	Buffered Peptone Water (M614)	1	500gm	3,551.00	3,551.00
	Butterfield's Phosphate Buffered (R094)	1	500ml	295.00	295.00
	Cooked Meat Medium (M149)	1	500gm	10,278.00	10,278.00
	Czapek Yeast Autolysate Agar(M2061)	1	500gm	5,485.00	5,485.00
	Decarboxylase Test Medium B(M912)	1	500gm	4,786.00	4,786.00
	Dextrose Tryptone Agar (M092)	1	500gm	5,117.00	5,117.00
	EC Broth (M127)	1	500gm	4,654.00	4,654.00
	Egg Yolk Tellurite Emulsion (FD046)	1	5x100ml	2,801.00	2,801.00
	Fraser Broth Base (M1327)	1	500gm	6,573.00	6,573.00
	EMB Agar (M022)	1	500gm	4,014.00	4,014.00
	Gelatin Phosphate Salt Agar (M921)	1	500gm	5,874.00	5,874.00
	GN Broth, Hajna (M242)	1	500gm	3,772.00	3,772.00
	Hektoen Enteric Agar (M467)	1	500gm	4,823.00	4,823.00
	Hugh Leifson Medium (M826)	1	500ml	5,315.00	5,315.00
	Fraser Broth (Half Fraser Broth)(M1764)	1	500gm	7,153.00	7,153.00
	Kligler Iron Agar (M078)	1	500gm	4,125.00	4,125.00
	Koser Citrate Medium (M069)	1	500gm	4,448.00	4,448.00
	Lactobacillus MRS Agar (M641)	1	500gm	4,955.00	4,955.00
	Lactose Broth (M1003)	1	500gm	3,147.00	3,147.00
	Lactose Gelatin Medium, Modifi(M987)	1	500gm	5,205.00	5,205.00
	Lauryl Sul(Lauryl Tryptose Broth)(M080)	1	500gm	3,735.00	3,735.00
	L Broth (Liver Broth) (M928)	1	500gm	9,998.00	9,998.00
	Macconkey Broth (M008)	1	500gm	3,647.00	3,647.00



■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari | Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com

GST: 29AABCH9294H1Z2 | COI: U24306KA2007PTC042465



Malonate Broth (M382)	1	100gm	5,558.00	5,558.00
Malt Agar (M253)	1	500gm	6,734.00	6,734.00
Motility Test Medium (M260)	1	500gm	4,970.00	4,970.00
Buffered Glucose Broth (GM070)	1	500gm	3,882.00	3,882.00
MYP Agar Base (M636)	1	500gm	5,330.00	5,330.00
Modified Listeria Oxford Agar (M1897)	1	500gm	7,006.00	7,006.00
MY 40 Agar (Osmophilic Agar)(M594)	1	500gm	5,830.00	5,830.00
Nitrate Broth (M459)	1	500gm	5,374.00	5,374.00
Nutrient Broth (M002)	1	500gm	3,095.00	3,095.00
Nutrient Agar (M001)	1	500gm	3,882.00	3,882.00
Peptone Water (M028)	1	500gm	3,735.00	3,735.00
Plate Count Agar (M091)	1	500gm	4,661.00	4,661.00
Phenol Red Broth Base (M054)	1	500gm	4,617.00	4,617.00
Potato Dextrose Agar (GM096)	1	500gm	4,845.00	4,845.00
Pseudomonas Asparagine B (M1056)	1	500gm	15,402.00	15,402.00
SM Agar (M763)	1	500gm	5,830.00	5,830.00
Listeria Identification Agar Base(M1064)	1	500gm	10,359.00	10,359.00
Buffered Peptone Water (M614)	1	500gm	3,551.00	3,551.00
Selenite F Broth (Twin Pack)(M025)	1	500gm	5,948.00	5,948.00
Sheep Blood Agar Plate(MP1301)	1	50pt	4,058.00	4,058.00
Sulphite Agar (M311)	1	500gm	5,668.00	5,668.00
Tetrathionate Broth Medium(MM032)	1	500gm	3,669.00	3,669.00
TCBS Agar (M189)	1	500gm	5,396.00	5,396.00
Thioglycollate Agar (M608)	1	500gm	5,411.00	5,411.00
Tryptone Glucose Extract Agar(M1014)	1	500gm	4,544.00	4,544.00
Triple Sugar Iron Agar (M021)	1	500gm	4,507.00	4,507.00
Tryptone Broth (Tryptone Water)(M463)	1	500gm	3,735.00	3,735.00
Urea Broth Base (M111)	1	500gm	5,139.00	5,139.00
Violet Red Bile Agar (M049)	1	500gm	4,301.00	4,301.00
Xylose Lysine Deoxycholate Agar(M1031)	1	500gm	4,654.00	4,654.00
Total Cost (Excluding Taxes and Duties):				305,299.00

Note: Please note that above quoted prices are without GST, Taxes & duties; which will be charged at actuals.



■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari | Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com

SPECIFICATION FOR ERECTION OF CLEAN ROOM

Sl. No	Specifications	Qty.
1.	<p>GENERAL:</p> <p>The microbiology laboratory shall be modular with unidirectional flow with different zones. The Floor Plan has to be suitably modified by the bidder keeping the flow (personnel and sample) unidirectional and avoiding cross contamination. The modified layout should be submitted to FSSAI for approval along with the BOQ for civil and electrical work as per specifications mentioned.</p> <ol style="list-style-type: none"> 1. Sample receiving area, a documentation room and office area (Unclassified). 2. Media preparation room (Unclassified) attached to sterilization room and washing (having sufficient space to store dry Media/reagents and Prepared Media in Refrigerators) 3. Sample preparation room (Class B/ISO 7 &< 50 cfu/sq m) over pressure 45 pa having LAF 4. Inoculation Room (Class B/ISO 7 &< 50 cfu/sq m) over pressure 45 pa 2nos (One having Biosafety Cabinet and another for automated systems/open lab) 5. Reference culture room (Class B/ISO 7 &< 50 cfu/sq m) over pressure 45 pa having Biosafety Cabinet. 6. Clean corridor minimum 6 feet wide. 7. Incubation room and enumeration room (Class D/ISO 8 &< 200 cfu/sq m) having space to accommodate 4 individual / 2 stackable Incubators. The incubation room should be accessible from separate entry other than clean room such that, the analyst need not enter clean room to observe the results. 8. Small Biochemical identification and staining room attached to Incubator room (Class-D) 9. De-contamination room (Unclassified) having access to collect material after Incubation room and also from Inoculation /Reference Rooms. 10. Two small inter connected rooms for Molecular Biology Lab set up (Class B/ISO 7 &< 50 cfu/sq m) over pressure 45 pa. 11. Entry to clean Room through three air lock rooms; AL1, AL2 (change room) and AL3. Exit from clean room through air lock AL2 and AL1 having different air pressure. <p>The necessary civil and electrical work shall be done as per the specifications. The class validation of 'clean area' shall be done and report should be submitted by the renderer through a third party accredited agency. Equipment used for validation should have valid traceable calibration certificates. The furniture shall be supplied as per the specifications given below.</p>	--
2.	<p>MODULAR PANELLING and FLOORING WORKS</p> <p>The entire lab as per the layout shall be made with clean room modular partitions as per the following specification.</p> <ol style="list-style-type: none"> 1. Wall panels: Pre-fabricated insulated sandwich panels made up of 	--

Sl. No	Specifications	Qty.
	<p>0.8 mm GPSP (Galvanized Plain Skin Pass) GI sheet on both side with epoxy polyester powder coating and insulation of PUF with density $40\pm 2 \text{ Kg/m}^3$. Overall thickness of the panel shall be 80 mm.</p> <ol style="list-style-type: none"> 2. Cladding panels: Pre-fabricated insulated sandwich panels made up of 0.8mm GPSP GI sheet on both side with epoxy polyester powder coating and insulation of PUF with density $40\pm 2 \text{ Kg/m}^3$. Overall thickness of the panel shall be 40mm. 3. Walkable Ceiling panels: Pre-fabricated insulated sandwich panels made up of 0.8mm GPSP GI sheet on both side with epoxy polyester powder coating and insulation of PUF with density $40\pm 2 \text{ Kg/m}^3$. Overall thickness of the panel shall be 60mm. Panels shall be designed to fit within each other with self-supported system. Load bearing capacity of the panel shall be 150kg/cu.M. Necessary clean room lightings and provision for air conditioning outlets shall be provided. Suitable factory made cutouts wherever required should be provided in the wall panel as applicable for fan filter units, HEPA filters, light fixture, return air grills, power sockets, cables. Pipes, exhaust ducts, magnahelic gauge, smoke sensors, utilities etc. 4. Riser Panels: Pre-fabricated insulated sandwich panels made up of 0.8mm GPSP GI sheet on both side with epoxy polyester powder coating and overall thickness of the panel shall be 80mm with inbuilt riser duct along with perforated grill. 5. Glazed panels flushed view panel with 5mm thick toughened glass of size 900 x 900mm. 6. Aluminium coving: Aluminium coving with radius 50/65 mm with fastening arrangement and aluminium coving corner 3D aluminium coving corner 2D. 7. Clean Room Doors: Single Door fit to flush into the wall panels and must open as shown. Shutter sheet thickness will be 0.8mm and frame will be 1.2mm thick made up of GPSP GI sheet with epoxy polyester powder coating. Leaf thickness will be 44mm and infill will be PUF with density $40\pm 2 \text{ Kg/m}^3$. Door size shall be as per requirement. Door bottom seal shall be provided. 8. Single Door Accessories: <ul style="list-style-type: none"> 03 Hinges (Altos), 01 Door Closer (Altos) - 01 Nos. Back to Back Handle 01 Nos. Vision (400 x 600) - , 01 Drop Seal 01 Lock 01 Kick plate 9. Flooring: Seamless antistatic PU floor – Laying 4mm (2+2) thick self leveling epoxy floor. 2mm screed + 2mm epoxy floor. The existing floor should be properly cleaned up, surface preparation carried, apply one coat of primer & laid with 2mm thick self-leveling epoxy unpigmented screed floor. And finished with 2mm self-leveling epoxy floor. The floor finish should be 4mm. The self-leveling PU made of MRF / DUPONT or equivalent. The installed floor should display good abrasion resistant & monolithic jointless surface. Shall be of stain 	

SI. No	Specifications	Qty.
	<p>proof, Scratch resistant, Uniform color and free of joints / undulations / bubbles etc. The floor level shall match with the surrounding area.</p> <ol style="list-style-type: none"> 10. Wall to Floor Ceiling – The cove shall be made with silica sand and PU with a radius of 60mm or larger, with all wall / floor joints made as merging without any unevenness. 11. The panels shall be made of a durable and uniform material that should be easy to clean and extremely hygienic. 12. Should not have any sharp edges and corners and do not support bacteriological or fungicidal growth and is resistant to most chemicals used in the lab. 13. Gas pipe line shall be provided. The cylinders shall be kept outside conveniently for replacement. 14. Plumbing lines as required shall be provided. Water drain work with SS GMP TRAP & it's Connect with main drain line including all civil work 15. Exhaust line for autoclave, biosafety cabinet, laminar flow and other equipment shall be provided. 16. All temperatures, humidity and pressure should be displayed in the clean corridor. 17. The switch board should not have any sharp edges 18. All doors except the doors in change rooms shall have view panels. 19. Air locking system to maintain different pressure at entry and exist area of clean room as shown in figure. 20. The room and sterile corridor over pressure (high positive pressure) should be as indicated above. 21. Fresh air and exhaust should be provided for wash/sterilization and decontamination area. 22. Application of PU Paint on Ceiling & Walls with acrylic pulley base, & Final Finish with two coats for Media preparation area, sample receipt and decontamination and wash area 23. The bidder should do validation initially while commissioning and 2 more validations in an interval of 6 months in a year in the warranty period. 	
3.	<p>High vacuum system (HVAC) System</p> <ol style="list-style-type: none"> 1. The following area shall be provided with ISO 7 (Class 10,000) with humidity control HVAC and maintained at 22 ± 3 °C and Relative Humidity 40-60 <ol style="list-style-type: none"> i. Clean corridor over pressure 60 pa ii. Sample preparation room over pressure 45 pa iii. Inoculation room over pressure 45 pa iv. Reference culture room over pressure 45 pa v. Incubator room over 30pa (class D) vi. Entry and Exist at 15,30,45 pa as shown in figure <p>The following area shall be provided with unclassified ventilation</p> <ol style="list-style-type: none"> i. Media preparation room/sterilization room/office room ii. Sample receipt/storage 2. Overall air quality shall be Class 10000 and should be class 100 at grill level of HEPA filter. (To achieve this air quality, if any additional items are required which are not mentioned in the technical specifications, 	--

Sl. No	Specifications	Qty.
	<p>shall be included in the offer.)</p> <ol style="list-style-type: none"> i. Validation of HEPA filters by appropriate tests like DOP etc. ii. Air Velocity at outlet of terminal filtration unit / filters. iii. Air Particulate count. iv. Air Change rate calculation. v. Temperature & Humidity test. vi. Pressure differential levels of the Clean room / adjoining areas. vii. Positive pressure in Pascal as indicated for area <ol style="list-style-type: none"> 3. Supply, delivery, installation, testing and commissioning of Modular type floor mounted Double Skin Air Handling Unit of G.S.S. 24 Gauge ducting complete in all respect along with silicon sealant. Duct Sheet make:-SAIL/Tata/Jindal 4. Application of 12 mm thick XPE TOC Slim insulation Cross Linked polyethylene foam with aluminum metalized foil for insulation on Supply duct running inside building area and with UV Foils for insulation for supply Ducts running out side building area i.e. exposed to atmosphere 5. Application of 09 mm thickness. XPE TOC Slim insulation Cross Linked polyethylene foam with aluminum metalized foil for insulation on Return duct running inside building area and with UV Foils for insulation for Return Ducts running out side building area i.e. exposed to atmosphere 6. Installation, Testing & Commissioning of powder coated perforated (65%) supply and Return air grills made out of extruded Aluminum sheets (Make:- ISI MARK) 7. Installation, Testing & Commissioning of Powder of suitable numbers and dimensions of coated HEPA Filters (Efficiency, efficiency 99.99% for 0.3 microns with individual test certificates.) housing with PAO & Pascal Pressure Test Point with canvas connection and VCD. 8. Maximum sound limit in the corridor area shall be 50 to 60 db. 9. Installation, Testing & Commissioning of Riser Filters 10. Installation of Magnehelic differential Pressure Gauge Make :- DWYER 11. Supply, Installation of Central Display Station for Magnehelic differential Pressure Gauge with negative or positive pressure pipe with SS base plate suitable for 10 Nos . 12. Temperature and RH sensor to measure the temperature and humidity of each clean room. Accuracy levels: Temperature: ± 0.2 °C or better, RH: $\pm 1\%$ or better. 13. Motor should be non-flame proof type and fan will be non spark proof type. 14. AHU coil, fan, motor shall be selected for 10% extra capacity. 15. The electrical wiring inside the AHU room and interconnection between AHU and outdoor unit through required protective circuits in all manners including HP, LP with fully automatic control unit shall be provided. 16. All the external ducting shall be made weather proof. 	
4.	<p>OUTDOOR CONDENSING UNITS (Packed ductable split AC)</p> <p>SITC of air cooled condensing units of following capacities with multiple scroll</p>	--

Sl. No	Specifications	Qty.
	<p>compressor, condenser fan motor unit etc with R-22 refrigerant and MS mounting stand.</p> <p>The capacity shall be decided as per head load calculation. The offered capacity shall be mentioned in the offer form. The lab will be functioning for</p> <ol style="list-style-type: none"> i. Supply of R-22 Gas of required quantity. ii. Supply, installation, testing and commissioning of Vibration Isolators for Condensing Units. iii. Erection, Testing and Commissioning: Ductable Split Unit Installation, iv. Testing and Commissioning of AHU & ODU along with accessories like expansion valve, drier and corded remote PCB for temperature control. v. Suitable UV lamp for the coil disinfection 	
5.	<p>Electrical works comprehensive</p> <ol style="list-style-type: none"> 1. The power required for the microbiology lab shall be taken from the main panel of the building. Necessary distribution panels shall be installed by the bidder. <ol style="list-style-type: none"> a) Adequate lightings shall be provided. b) The electrical inspectorate's approval shall be obtained by the bidder <p>Wiring and Accessories</p> <ol style="list-style-type: none"> 2. Supply & wiring for following points in surface / recessed mounted rigid medium gauge 20mm PVC conduit with all accessories, using 3 runs of 1.5 Sq mm FRLS PVC insulated stranded copper conductor single core wire for phase, neutral & earth, with modular 6A one way switch, modular plate, suitable GI box etc as required: 3. Light point / exhaust fan / turbo ventilator points as required 4. Supply & wiring for circuit / sub main wiring in surface / recessed mounted rigid medium gauge 25mm PVC conduit with all accessories in surface/recess 5. Supply and Fixing the following modular type switches & accessories with modular plates and suitable GI boxes and giving necessary connections as required <ol style="list-style-type: none"> i. 6A SP 5 pin shuttered modular type socket with switch in each switch board ii. 2 nos 6 A SP 5 pin shuttered modular type socket with 2 No's modular switch –UPS power. iii. 16A 5 pin shuttered modular type socket with switch iv. Provision for shifting existing switch board to a conventional location and giving connections etc. v. Supply and fixing 20 amps. 240 volts SP industrial type socket outlet (IPP) with 2 poles and earth, metal enclosed plug top including supply and fixing of one number 20 amps (10kA) SP MCB (C-Curve) in sheet steel enclosure on surface or in recess with chained metal cover for the socket outlet and complete with connections testing and commissioning etc. as required. vi. Installation of Clean Room Lights & Fixture with fitting with 	--

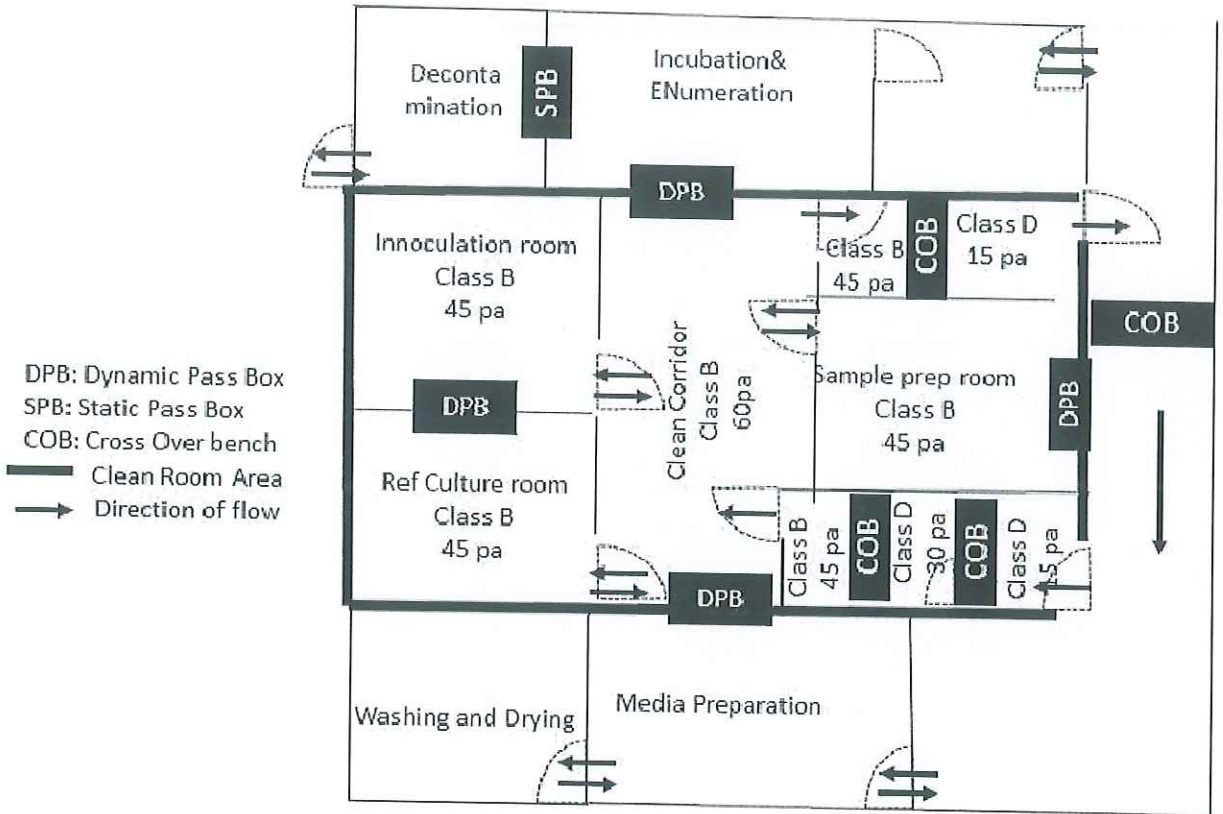
Sl. No	Specifications	Qty.
	<p>LED12" x 12</p> <p>vii. Installation & Testing of</p> <ol style="list-style-type: none"> a. Modular Switches. b. Modular Sockets for various instruments in each room <p>MCBs AND MCB DISTRIBUTION BOARDS</p> <ol style="list-style-type: none"> i. Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB 4 Way double cover Vertical DB – 3 Phase of including copper /brass bus bar, neutral link, earth bus and DIN rail with MCB/isolator/RCCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall, making good the damages, colour washing etc. as required. ii. Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of UPS DB –6 way single Phase double cover (IP 42/43)230 V of including copper /brass bus bar, neutral link, earth bus and DIN rail with MCB/isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall, making good the damages, colour washing etc. as required <p>Single line electrical distribution diagram should be submitted by the vendor along with the technical offer.</p>	
6.	<p>Wall mounted fans (In unclassified areas)</p> <p>Supply, conveyance, installation, testing and commissioning of wall mounted fans, as required. Fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire or with extended original wiring etc. and numbers as required.</p>	--
7.	<p>Lighting fixtures</p> <p>Supply and fixing cast aluminum down light fitting with 11 to 14 W CFL to false ceiling including giving connections with required length of 16/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS or extending the original wiring and making good the surface as required (Wipro WCP 27118 SWG or equivalent make)</p>	--
8.	<p>Validation of HVAC after completion</p> <ol style="list-style-type: none"> 1) Documentation for DQ, IQ, OQ with certificates of all brought items. 2) Integrity test for HEPA Filter's once. 3) Room Pressure balancing once. 4) velocity 5) Particle count 6) Recovery Test 7) Air Flow Pattern 	--
9.	<p>Fire extinguisher</p> <p>Supply and installation of ABC type dry powder fire extinguisher of 2 kg. Capacity</p>	--

Sl. No	Specifications	Qty.
	complete with initial charges and installation brackets	
10.	15 KVA 3 phase Stand by on-line UPS with 60 minutes back up with battery, rack and stand. Essential lights and equipments shall be connected to the UPS.	---
11.	Air curtain 1.7m length should be installed wherever required	---
12.	Hand Sanitizer (Automatic IPCA dispenser for clean rooms) 1. The hand sanitizer should automatically dispense disinfection (Isopropyl alcohol) on to hands. 2. The sensor should detect the hand and dispense 0.5ml disinfectant solution. 3. Body should be non-corrosive stainless-steel construction. 4. Tank capacity 500ml 5. Volume of spray / cycle : 0.5ml	Numbers as per the space available
13.	Single Biometric Access control system for restricted entry to the classified area	1 no.
14.	Installation, Testing & Commissioning SS-316 vertical LAF bench for sample preparation room as per Size :-4' X 2.5' x 2.5' (2 Nos) meeting with minor changes as per area available	2 nos.
15.	Static Pass box Installation, Testing & Commissioning SS-304 static Pass Box fully automatic system, with electromagnetic interlocking system, digital display, UV & fluorescent light alarm system etc. Size :- 1.5' x 1.5' x 1.5'	1 no.
16.	Dynamic Pass box Installation, Testing & Commissioning SS-316 DYNAMIC Pass Box fully automatic system, with electromagnetic interlocking system, digital display, HEPA Filters, UV & fluorescent light alarm system etc. Size :- 1.5' x 1.5' x 1.5'	3 nos.
17.	Cross over Bench at entry and exist of clean room and media room (as per approved layout) 1. SS 304, 18 & 16G combination, mat finish 2. Bottom side of top provide "C" type stiffner for durability of top 3. Inside horizontal support 4. Bottom both side 30mm color for will be grouting 5. Approx size 1000 mm W x 400 mm D x 600mm H (can be modified to as per the requirements)	

Sl. No	Specifications	Qty.
18.	<p>SS Work Bench/table</p> <p>Table should be SS 304 without drawers and lockers all exposed surfaces should be 16 gauge SS.</p> <p>Size - 1500 MM x 750 MM (W) x 900 MM (H)</p>	Numbers as per the space available
19.	<p>Modular Work bench</p> <p>Installation & Commissioning SS304 with drawers and lockers</p> <p>Size - 1500 MM x 750 MM (W) x 900 MM (H) (minor deviations acceptable)</p> <p>6 nos of 15/5 amps with 3 pin socket cum Switch with Electrical Panel should be provided.</p> <p>Table top should be provided with (18mm ±1mm) thick well polished Black Granite.</p> <p>Should have reagent storage rack on the top of the table at convenient height across the table top.</p> <p>Should have provision to keep materials on top of the shelf also.</p>	
20.	<p>Modular workbench with sink and eyewash</p> <p>Stainless steel SS304 table of dimension 1800 x750 (W) x 900 mm (H) tabletop height from floor. Minor deviation in measurement is acceptable.</p> <p>Should have under bench drawers and shutters with locking arrangement.</p> <p>6 nos of 15/5 amps with 3 pin sockets cum Switch with Electrical Panel should be provided.</p> <p>Table top should be provided with (18mm ±1mm) thick well polished Black Granite.</p> <p>Should have covered reagent storage rack with two shelves on the top of the table at convenient height across the table top.</p> <p>Should be supplied with one sink (SS 304)at the right end of size 400 x 300 mm Approx (16x12 inches) sink joints should be continuously welded with two way water tap (hand-free operation) and eyewash.</p> <p>Water connections and plumbing should be provided</p>	
21.	<p>Movable trolley with lockable wheels</p> <p>SS 304, 18 & 16G combination, mat finish</p> <p>Size :- 2.5' x 2.5' with two shelf 2nos</p> <p>Size :- 2.5' x 2.5' with Three shelf</p>	
22.	<p>Bench stool</p> <p>Installation & Commissioning of SS-304 WORKING STOOL for above bench</p> <p>SS 304, 18 & 16G combination, mat finish. Approximate size 900mm W x 600 mm D x 600mm H</p>	

Sl. No	Specifications	Qty.
23.	<p>Sterile garment storage cabinet (in Air Lock 2 of entry to clean room)</p> <p>Dynamic garment storage cubicle complete SS304 construction.</p> <p>Port for HEPA filter leak testing</p> <p>Prefilter 5 microns for fresh air intake</p> <p>SS rod for hanging folded garments.</p> <p>SS perforated shelves / tray (removable) at bottom for keeping mask and shoe cover etc.</p> <p>Stainless steel back panel with perforation at bottom for exhaust</p> <p>Fully toughened glass door.</p> <p>Differential pressure gauges</p> <p>ON/OFF switch for blower & white lights</p> <p>UV light with fittings & limit switch</p> <p>Hour meter for UV</p> <p>Leveling legs.</p> <p>Approx internal dimension : 610(W)x 430(D)x 1335(H)mm with minor modifications as per available area</p>	1 no.

Schematic showing a layout for a Microbiology Lab



List of Additional items to be quoted for empanelment of vendors for setting up microbiology laboratory

Consumables for Micro-Lab				
S.No	Particulars	Pack Size	Unit Price in Rs.	Total price in Rs.
1	HiLoop Auto Steriliser	1	37375	37375
2	loop	100	10.35	1035
3	Fresh Deodorising Pearls (5X50)	50	3680	184000
4	Metaloop -SS-4 Fixed	4	2415	9660
5	Metaloop -SL Fixed	4	1092.5	4370
6	ParafilmD M125	1	2875	2875
7	Disposable Masks (pack of 50)	1	172.5	172.5
8	Disposable Apron (XL), DISPOSABLE	50	517.5	25875
9	S.S. Spirit Lamp	1	345	345
10	Indicator pH Paper	10	287.5	2875
11	Scotch tape	1	345	345
12	Water Purification Tablets/Crystle (KMnO4)	500 gm	2875	2875
13	MICRO TIP BOX 10 UL	10000	2415	24150000
14	MICRO TIP BOX 200 UL	10000	2415	24150000
15	MICRO TIP BOX 1000 UL	10000	1610	16100000
16	Plastic Beaker's (50 ml)	12	28.75	345
17	Plastic Beaker's (100 ml)	12	51.75	621
18	Plastic Beaker's (250 ml)	6	74.75	448.5
19	Test tube Basket	1	747.5	747.5
20	Funnel holder	2	230	460
21	Retort stand	2	345	690
22	Distille Water Container-5 liters (White) with Tap	1	1610	1610
23	Wash Bottle (500 ml)-PP	6	103.5	621
24	Test tube	100	11.5	1150
25	Indicator tape for Steam Autoclave	1	690	690
26	Hi temperature Indicator tape for Dry Oven	1	690	690
27	Non absorbent cotton (500 gm)	1	391	391
28	Plastic Ice box with Cap (Mobile Type)	1	1380	1380
29	Ice pack/Ice Bucket Rubber	1	1265	1265
30	Spradder	1	1150	1150
31	Glass Marker (permanent) Fine Tip, Black	6	46	276
32	Petriplates, 90 mm, 10 Shelves	20	5520	110400

Work Address : A-9, Shanti Industrial Estate, Piplodan Road No.1, Upavan, Thane (W) - 400 606
 Email.Id : bioxia.in@gmail.com , Tel.No.- 8655003624 / 9320136999

Handwritten signature
 21/11/19



Handwritten signature
 7/11/19

33	Disposable bag	50	34.5	1725
34	Swab	100	5.75	575
35	Utility tray medium	1	575	575
36	Utility tray Big	1	690	690
37	UV safety goggle	1	517.5	517.5
38	Sample container	1	4025	4025
39	Slant rack	1	5750	5750
40	Autoclavable Bag, 15 KG	100	35650	3565000
41	Autoclavable Bag, 30 KG	100	33350	3335000
42	Falcon Centrifuge Tubes, 15 ml	500	10.35	5175
43	Falcon Centrifuge Tubes, 50 ml	500	12.65	6325
44	Micro Centrifuge Tubes, 0.5 ml	1000	0.69	690
45	Micro Centrifuge Tubes, 1.5 ml	500	1.15	575
46	Storage rack for 2 ml tubes, cryo box	4	1150	4600
47	Storage rack for 5 ml tubes, cryo box	4	1150	4600
48	Nitryl Gloves, medium size	100	747.5	74750
49	Nitryl Gloves, XL	100	747.5	74750
50	Nitryl Gloves, XXL	100	862.5	86250
51	Head Cover, Disposable	100	2.3	230
52	Shoe Cover, Disposable	100	287.5	28750
53	Gloves for Oven	1 Pair	632.5	632.5
54	Agarose	1	12075	12075
55	filter/absorbant paper	100	2875	287500
56	Parafilm Dispenser	1	5175	5175

Regents for Micro-Lab				
S.No	Solutions/Reagents	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Bromocresol Purple Indicator	125ml	165	165
2	Nitrate Broth	125ml	1221	1221
3	Barritt Reagent A (for VP test)	125ml	429	429
4	Mannitol Salt Agar Base	125ml	968	968
5	Phenol Red Indicator	125ml	165	165
6	L-Tyrosine	125ml	495	495
7	Lysozyme	125ml	5005	5005

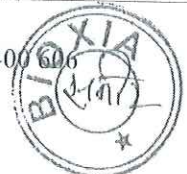
Work Address : A-9, Shanti Industrial Estate, Pokharan Road No.1, Upavan, Thane (W) - 400 606
 Email.Id : bioxia.in@gmail.com , Tel.No.- 8655003624 / 9320136999

Handwritten signatures and dates:
 27/11/19
 27/11/19
 27/11/19



8	Perfringens Agar Base (T.S.C.)	125ml	6105	6105
9	Lactose Broth	125ml	1001	1001
10	Gelatin, Hi-LR™	125ml	297	297
11	Kovacs' Indole Reagent	125ml	242	242
12	Buffered Glucose Broth, Granulated (Glucose Phosphate Broth, Granulated) (MR-VP Medium, Granulated)	125ml	3773	3773
14	Formaldehyde sol., 37%	125ml	363	363
15	Tryptic Soya Agar	125ml	4873	4873
16	Selenite Cystine Broth Base w/o Biselenite	125ml	4895	4895
17	Malonate Broth	125ml	5412	5412
18	Urea Agar Base (Christensen) (Autoclavable)	125ml	4284.5	4284.5
19	Kovacs' Indole Reagent	125ml	242	242
20	Lysine Decarboxylase Broth	125ml	4247.1	4247.1
21	Methyl Red Indicator	125ml	187	187
22	Glucose Agar	125ml	6270	6270
23	Ornithine Decarboxylase Broth	125ml	3828	3828
24	Antibiotic Solution 100X Liquid w/ 10,000U Penicillin, 5mg Streptomycin per ml in 0.9% normal saline	125ml	7628.5	7628.5
25	Hydrogen peroxide	125ml	572	572
26	Sodium thiosulphate pentahydrate	125ml	330	330
27	Ammonium Buffer Solution	125ml	275	275
28	Bromothymol Blue Indicator	125ml	165	165
29	Adonitol	125ml	3146	3146
30	Arabinose	125ml	715	715
31	Maltose monohydrate	125ml	385	385
32	Sucrose	125ml	374	374
33	Cellobiose	125ml	1573	1573
34	Salicin	125ml	2431	2431
35	Trehalose	125ml	627	627
36	Raffinose	125ml	1258.4	1258.4
37	Pyridoxal hydrochloride	125ml	3998.5	3998.5
38	Methylene Blue (Aqueous)	125ml	165	165
39	Eosin, 2% w/v	125ml	231	231
40	TTC Solution 1% (10 ml per vial)	125ml	3938	3938
41	Chlortetracycline Selective Supplement	125ml	1424.5	1424.5
42	Chloramphenicol	125ml	2013	2013
43	Dulcitol	125ml	1221	1221

Work Address : A-9, Shanti Industrial Estate, Pokharan Road No.1, Upavan, Thane (W) - 400 606
 Email.Id : bioxia.in@gmail.com , Tel.No. - 8655003624 / 9320136999



Umesh Mishra
27/11/19

44	Thymol Blue Indicator	125ml	187	187
----	-----------------------	-------	-----	-----

Lab Glasswares Micro-Biology Food Lab

S.No	Particulars	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Glass Slides, plain, 76/26, 50 Pcs/Pk	1 Pack	300	300
2	Cover Slip/Glass, 0.13x0.17 mm Thick, 18x18 mm, 50/Pk	1 Pack	180	180
3	Slide Box, 50 Slides/Box, 12Pcs/Pk	1 Pack	3000	3000
4	Test Tubes, 15 ml	1000 No	18000	18000
5	Test Tubes, 30 ml	1000 No	36000	36000
6	Narrow Mouth Bottle (250 ml)	10 No	420	4200
7	Amber Narrow Mouth Bottle (250 ml)	10 No	828	8280
8	Aspirator Bottle With Stopcock (10 lit)	1 No	14520	14520
9	Dropping Bottle, 120ml	10 No	480	4800
10	Durham Tubes, 3 ml (10x75 mm)	100	48	4800
11	Durham Tubes, 5 ml (12x75 mm)	100	60	6000
12	Durham Tubes, 15 ml (15x150 mm)	100	66	6600
13	Petri Dish Glass 100x17 mm	100	162	16200
14	Screw tube, Plain (15 ml)	100	78	7800
15	Screw tube, Plain (30 ml)	100	96	9600
16	Screw tube, Plain (50 ml)	100	102	10200
17	Tubes Culture Media Amber, Screw Cap, 10 ml	100	162	16200
18	Tubes Culture Media Amber, Screw Cap, 30 ml	100	210	21000

Essential Microbial Culture for Microbiology Food Lab

S.No.	Name of strain/ culture	Qty	Unit Price in Rs.	Total price in Rs.
1	Escherichia coli	1	2500	2500
2	Staphylococcus aureus	1	2500	2500
3	Salmonella enterica	1	2500	2500
4	Salmonella abony	1	2500	2500
5	Shigellasonnei	1	2500	2500
6	Enterobacteraerogenes	1	2500	2500
7	Candida albicans	1	2500	2500
8	Vibrio cholerae	1	2500	2500
9	Vibrio parahaemolyticus	1	2500	2500

Work Address : A-9, Shanti Industrial Estate, Pokharan Road No.1, Upavan, Thane (W) - 400 606
 Email.Id : bioxia.in@gmail.com , Tel.No.- 8655003624 / 9320136999

Umesh Mishra
7/11/19

Vinod Kumar
7/11/19

Nikhil Kumar
7/11/19



10	Vibrio vulnificus	1	2500	2500
11	Listeria monocytogenes	1	2500	2500
12	Klebsiellapneumoniae	1	2500	2500
13	Bacillus cereus	1	2500	2500
14	Aspergillus niger	1	2500	2500

Essential Equipments-For Microbiology Food Lab				
S.No	Product Details	Suggestive Qty.	Unit Price in Rs.	Total price in Rs.
1	Mini Spin micro Centrifuge	1 Unit	18960	18960
2	Vortex Mixer	1 Unit	22200	22200
3	Electrophoresis Horizontal (Mini)	2 Units	39600	79200
4	Electrophoresis Horizontal (Midi)	2 Units	54000	108000
5	Power Supply	2 Units	102000	204000
6	Transilluminator	1 Unit	91800	91800
7	UV Torch	1 Unit	23880	23880
8	PCR Gradient	1 Unit	540000	540000
9	Handheld Homogenizer (Handheld)	1 Unit	132000	132000

S.No	Accessories SS304	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Spectula	10 No	77	770
2	Test Tube Rack	1 No	990	990
3	Petri plate Rack	1 No	1980	1980
4	Jar	1 No	110	110
5	Tray	1 No	550	550
6	Glove Box(waste container)	1 No	550	550
7	Dustbin	1 No	3080	3080
8	Handwash stand	1 No	880	880
9	Forcep	6 No	55	330
10	Innoculating needle	10 No	1540	15400

Yash Smit
21/11/19

Virender Kumar
21/11/19

Nikhil
20/11/19

Work Address : A-9, Shanti Industrial Estate, Pokharan Road No.1, Upavan, Thane (W) – 400 606
Email.Id : bioxia.in@gmail.com , Tel.No.- 8655003624 / 9320136999



S.No	Description	UNIT	QTY	UNIT PRICE	TOTAL PRICE IN INR
1	HiLoop Auto Steriliser - 230 V AC, 50 Hz (with LPG)	EACH	1	231526	231526
2	loop		100	604	60400
3	Fresh Deodorising Pearls (5X50)		5	2751	13755
4	Metaloop -SS-4 Fixed		4	292	1168
5	Metaloop -SL Fixed		4	578	2312
6	ParafilmD 4 x 125 inch		1	3938	3938
7	Disposable Masks (pack of 50)		1	1145	1145
8	Disposable Apron (XL), DISPOSABLE	50/PK	1	2085	2085
9	S.S. Spirit Lamp		1	1848	1848
10	Indicator pH Paper , 1 – 14		10	247	2470
11	Scotch tape		1	450	450
12	Water Purification Tablets/Crystle (KMnO4)	500GM	1	2800	2800
13	MICRO TIP BOX 10 UL 10 x 96 tips / racks		100	2200	2200
14	MICRO TIP BOX 200 UL , 10 x 96 tips / racks		100	536	53600
15	MICRO TIP BOX 1000 UL , 6 x 96 tips / racks		100	788	78800
16	Plastic Beaker's (50 ml)		12	272	3264
17	Plastic Beaker's (100 ml)		12	305	3660
18	Plastic Beaker's (250 ml)		6	544	3264
19	Test tube Basket		1	2841	2841
20	Funnel holder		2	1048	2096
21	Retort stand		2	458	916
22	Distille Water Container-5 liters (White) with Tap		1	1008	1008
23	Wash Bottle (500 ml)-PP		6	84	504
24	Test tube , plastic , 15 ml		100	15	1500
25	Indicator tape for Steam Autoclave		1	735	735
26	Hi temperature Indicator tape for Dry Oven		1	850	850
27	Non absorbent cotton (500 gm)		1	468	468
28	Plastic Ice box with Cap (Mobile Type)		1	2153	2153
29	Ice pack , bucket		1	16	16
30	Spradder L , 149 x 40 , 50/pk , sterile		1	342	342
31	Glass Marker (permanent) Fine Tip, Black		6	45	270
32	Petriplates, 90 mm, 10 Shelves(460 pcs for Pack)		1	6621	6621
33	Disposable bag		50	104	5200
34	Swab , 150 mm , sterile		100	13	1300
35	Utility tray medium		1	2624	2624
36	Utility tray Big		1	5031	5031
37	UV safety goggle		1	1240	1240
38	Sample container , 60 ml , ind packed , sterile , 500/pk		1	2273	2273
39	Slant rack		1	2451	2451
40	Autoclavable Bag, 300 x 500 , 8 lit , 500/pk		1	5219	5219
41	Autoclavable Bag, 400 x 780 , 38 lit , 500/pk		1	2415	2415
42	Falcon Centrifuge Tubes, 15 ml		500	3	1500
43	Falcon Centrifuge Tubes, 50 ml		500	3	1500
44	Micro Centrifuge Tubes, 0.5 ml		1000	1	1000
45	Micro Centrifuge Tubes, 1.5 ml		500	2	1000

Handwritten signature
7/11/19

Handwritten signature
08/11/19

Handwritten signature
7/11/19



46 Storage rack for 2 ml tubes, cryo box , red		4	1024	4096
47 Storage rack for 5 ml tubes, cryo box , red		4	787	3148
48 Nitril Gloves, medium size	100/PK	1	368	368
49 Nitril Gloves, XL	100/PK	1	368	368
50 Nitril Gloves, XXL	100/PK	1	368	368
51 Head Cover, Disposable	EACH	100	263	263
52 Shoe Cover, Disposable , 15 x 7 disposable , 50/pk		2	3	6
53 Gloves for Oven , furnace 14 inch	PAIR	1	578	578
54 AGAROSE (L) For Electrophoresis - 100 GM		1	3402	3402
55 filter/absorbant paper pad, 47 mm , sterile	100/PK	1	2850	2850
56 Parafilm Dispenser , Parafilm Dispenser Acrylic		1	3811	3811
Reagents for Micro-Lab				
1 Bromocresol Purple Indicator	125ml	1	126	126
2 Nitrate Broth	100GM	1	3839	3839
3 Barritt Reagent A (for VP test)	125ml	1	346	346
4 Mannitol Salt Agar Base	100GM	1	2803	2803
5 Phenol Red Indicator	125ml	1	152	152
6 L-Tyrosine -	25GM	1	341	341
7 Lysozyme	1 GM	1	1148	1148
8 Perfringens Agar Base (T.S.C.)	500GM	1	4483	4483
9 Lactose Broth	5X100M	1	2247	2247
10 Gelatin, Hi-LR™	125ml	1	1307	1307
11 Kovacs' Indole Reagent	125ml	1	346	346
12 Buffered Glucose Broth, Granulated (Glucose Phosp	500GM	1	2772	2772
14 Formaldehyde sol., 37%	500ml	1	6180	6180
15 Tryptic Soya Agar	500GM	1	3575	3575
16 Selenite Cystine Broth Base w/o Biselenite	500GM	1	3591	3591
17 Malonate Broth	100GM	1	3969	3969
18 rea Agar Base (Christensen) (Autoclavable)	500GM	1	3145	3145
19 Kovacs' Indole Reagent	125ml	1	346	346
20 Lysine Decarboxylase Broth	500GM	1	3118	3118
21 Methyl Red Indicator	125ml	1	126	126
22 Glucose Agar	500GM	1	3412	3412
23 Ornithine Decarboxylase Broth	100GM	1	2809	2809
24 Antibiotic Solution 100X Liquid w/ 10,000U Penicilli	5X50M	1	5549	5549
25 Hydrogen peroxide	500ml	1	3591	3591
26 Sodium thiosulphate pentahydrate	125ml	1	567	567
27 Ammonium Buffer Solution	500m	1	4378	4378
28 Bromothymol Blue Indicator	125ml	1	126	126
29 Adonitol	5 GM	1	304	304
30 Arabinose	5 GM	1	304	304
31 Maltose monohydrate	100GM	1	126	126
32 Sucrose	500GM	1	115	115
33 Cellobiose	5 GM	1	304	304
34 Salicin	5 GM	1	304	304
35 Trehalose	5 GM	1	325	325
36 Raffinose	10GM	1	304	304

Umesh Jm
3/11/19

Shibu K
08/11/19

Vinod Kumar
7/11/19



37 Pyridoxal hydrochloride	5 GM	1	2641	2641
38 Methylene Blue (Aqueous)	125ml	1	168	168
39 Eosin, 2% w/v	125ml	1	147	147
40 TTC Solution 1% (10 ml per vial)	5x5vl	1	934	934
41 Chlortetracycline Selective Supplement	5vl	1	971	971
42 Chloramphenicol	10ST	1	352	352
43 Dulcitol	25GM	1	304	304
44 Thymol Blue Indicator	125ml	1	152	152
Lab Glasswares Micro-Biology Food Lab				
1 Glass Slides, plain, 76/26, 50 Pcs/Pk		1	110	110
2 Cover Slip/Glass, 0.13x0.17 mm Thick, 18x18 mm, 50/Pk		1	52	52
3 Slide Box, 50 Slides/Box, 12Pcs/Pk		1	1619	1619
4 Test Tubes, 15 ml , glassco	1000/P	1	103	103
5 Test Tubes, 30 ml	1000/P	1	129	129
6 Narrow Mouth Bottle (250 ml)		10	345	3450
7 Amber Narrow Mouth Bottle (250 ml)		10	595	5950
8 Aspirator Bottle With Stopcock (10 lit) , with screw cap 235		1	12648	12648
9 Dropping Bottle, 125ml		10	602	6020
10 Durham Tubes, 3 ml (10x75 mm)		100	8	800
11 Durham Tubes, 5 ml (12x75 mm)		100	8	800
12 Durham Tubes, 15 ml (15x150 mm)		100	16	1600
13 Petri Dish Glass 100x17 mm s-line		100	247	24700
14 Screw tube, Plain (15 ml) , flat bottom		100	48	4800
15 Screw tube, Plain (30 ml) , flat bottom		100	67	6700
16 Screw tube, Plain (50 ml) , flat bottom		100	71	7100
17 Tubes Culture Media Amber, Screw Cap, 10 ml , flat botton		100	118	11800
18 Tubes Culture Media Amber, Screw Cap, 30 ml , flat botton		100	147	14700

Essential Microbial Culture for Microbiology Food Lab

Escherichia coli - Live Culture		1	19390	19390
Staphylococcus aureus - Live Culture		1	34451	34451
Salmonella enterica - Live Culture		1	13924	13924
Salmonella abony - Live Culture		1	13924	13924
Shigella sonnei - Live Culture		1	13924	13924
Enterobacter aerogenes - Live Culture		1	32594	32594
Candida albicans - Live Culture		1	32110	32110
Vibrio cholerae - Live Culture		1	32613	32613
Vibrio parahaemolyticus - Live Culture		1	32613	32613
Vibrio vulnificus - Live Culture		1	32859	32859
Listeria monocytogenes - Live Culture		1	20293	20293
Klebsiella pneumoniae - Live Culture		1	18958	18958
Bacillus cereus - Live Culture		1	32859	32859
Aspergillus niger - Live Culture		1	34452	34452

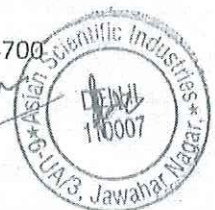
Essential Equipments-For Microbiology Food Lab

1 Mini Spin micro Centrifuge , 8 place , 1.5 / 2 ml tubes , 600r		1	14700	14700
--	--	---	-------	-------

Umesh Mishra
7/11/19

Abhinav
08/11/19

Vinod Kumar
7/11/19



2 Vortex Mixer , 0-3000 rpm dia 6 mm , make : waiometra	1	14700	14700
3 Electrophoresis Horizontal (Mini) Jy-spbt Gel size : 78 x 100	2	25200	25200
4 Electrophoresis Horizontal (Midi) Jy-spct , gel size : 60 x 60	2	28350	28350
5 Power Supply for above jy300make : waiometra	2	35700	35700
6 Transilluminator uv Transmission : 200 x 150 mmSource uv	1	59850	59850
7 UV Torch	1	4200	4200
8 PCR Gradient	1	204750	204750
9 Handheld Homogenizer (Handheld)	1	94500	94500
Accessories SS304			
1 Spectula , medium	10	289	2890
2 Test Tube Rack , plastic pp for 50	1	1522	1522
3 Petri plate Rack , pp 60 dishes of 90 mm	1	1207	1207
4 Jar pp , 500 ml	1	1942	1942
5 Tray pp , laboratory	1	750	750
6 Glove Box (waste container)	1	3517	3517
7 Dustbin ss	1	3622	3622
8 Handwash stand	1	1969	1969
9 Forcep ss	6	65	65
10 Inoculating needle , ss	1	1600	1600
		Total Cost in	1582242

Umesh Mishra
21/11/19

Shubham
08/11/19

Vandana Kumar
7/11/19



7 STEPS

Consumables for Micro-Lab

S.No	Make	Particulars	Pack Size	Unit Price
1	Hi-media	HiLoop Auto Steriliser	1	22050
2	Hi-media	loop	100	575
3	Hi-media	Fresh Deodorising Pearls (5X50)	50	2620
4	Hi-media	Metaloop -SS-4 Fixed	4	625
5	Hi-media	Metaloop -SL Fixed	4	550
6	Hi-media	ParafilmD M125	1	3750
7	Hi-media	Disposable Masks (pack of 50)	1	1090
8	Hi-media	Disposable Apron (XL), DISPOSABLE	50	1985
9	Hi-media	S.S. Spirit Lamp	1	1760
10	Hi-media	Indicator pH Paper	10	235
11	DLS	Scotch tape	1	1200
12	DLS	Water Purification Tablets/Crystle (KMnO4)	500 gm	20
13	ABDOS	MICRO TIP BOX 10 UL	10000	600
14	Hi-media	MICRO TIP BOX 200 UL	10000	510
15	Hi-media	MICRO TIP BOX 1000 UL	10000	750
16	Tarson	Plastic Beaker's (50 ml)	12	259
17	Tarson	Plastic Beaker's (100 ml)	12	290
18	Tarson	Plastic Beaker's (250 ml)	6	518
19	Hi-media	Test tube Basket	1	2705
20	Tarson	Funnel holder	2	998
21	Tarson	Retort stand	2	436
22	Tarson	Distille Water Container-5 liters (White) with Tap	1	960
23	Tarson	Wash Bottle (500 ml)-PP	6	478
24	GLASSCO	Test tube	100	15
25	Hi-media	Indicator tape for Steam Autoclave	1	700
26	Local	Hi temperature Indicator tape for Dry Oven	1	NQ
27	Hi-media	Non absorbent cotton (500 gm)	1	445
28	Tarson	Plastic Ice box with Cap (Mobile Type)	1	2050
29	Tarson	Ice pack/Ice Bucket Rubber	1	15
30	Hi-media	Spradder	1	325
31	Local	Glass Marker (permanent) Fine Tip, Black	6	NQ
32	Hi-media	Petriplates, 90 mm, 10 Shelves	20	6305
33	Hi-media	Disposable bag	50	4970
34	Hi-media	Swab	100	1175
35	Tarson	Utility tray medium	1	2499
36	Tarson	Utility tray Big	1	4791
37	Tarson	UV safety goggle	1	1181
38	Tarson	Sample container	1	2165
39	Tarson	Slant rack	1	2334
40	Hi-media	Autoclavable Bag, 15 KG	100	4970
41	Hi-media	Autoclavable Bag, 30 KG	100	2300
42	Hi-media	Falcon Centrifuge Tubes, 15 ml	500	1010
43	Hi-media	Falcon Centrifuge Tubes, 50 ml	500	1115

Umba Dmiv
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

N. K. K.
07/11/19

Vinod Kumar
7/11/19

T. +91 11 25251821

F. +91 11 26251822

E. consultant@7steps.co.in



www.7steps.co.in

7 STEPS

44	Hi-media	Micro Centrifuge Tubes, 0.5 ml	1000	700
45	Hi-media	Micro Centrifuge Tubes, 1.5 ml	500	1065
46	Axiva	Storage rack for 2 ml tubes, cryo box	4	3900
47	Axiva	Storage rack for 5 ml tubes, cryo box	4	3000
48	Hi-media	Nitryl Gloves, medium size	100	350
49	Hi-media	Nitryl Gloves, XL	100	350
50	Hi-media	Nitryl Gloves, XXL	100	350
51	Hi-media	Head Cover, Disposable	100	250
52	Hi-media	Shoe Cover, Disposable	100	250
53	Hi-media	Gloves for Oven	1 Pair	550
54	Hi-media	Agarose	1	3240
55	DLS	filter/absorbant paper	100	4500
56	Tarson	Parafilm Dispenser	1	3630

Handwritten signature
7/11/19

Handwritten signature
7/11/19

Handwritten signature
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in

www.7steps.co.in



7 STEPS

Reagents for Micro-Lab

S.No	Make	Solutions/Reagents	Qty	Unit Price
1	Hi media	Bromocresol Purple Indicator	1	120
2	Hi media	Nitrate Broth	1	3655
3	Hi media	Barritt Reagent A (for VP test)	1	330
4	Hi media	Mannitol Salt Agar Base	1	2670
5	Hi media	Phenol Red Indicator	1	145
6	Hi media	L-Tyrosine	1	325
7	Hi media	Lysozyme	1	1093
8	Hi media	Perfringens Agar Base (T.S.C.)	1	4270
9	Hi media	Lactose Broth	1	2140
10	Hi media	Gelatin, Hi-LR™	1	1245
11	Hi media	Kovacs' Indole Reagent	1	330
12	Hi media	Buffered Glucose Broth, Granulated (Glucose Phosphate Broth, Granulated) (MR-VP Medium, Granulated)	1	2640
14	Hi media	Formaldehyde sol., 37%	1	5886
15	Hi media	Tryptic Soya Agar	1	3405
16	Hi media	Selenite Cystine Broth Base w/o Biselenite	1	3420
17	Hi media	Malonate Broth	1	3780
18	Hi media	Urea Agar Base (Christensen)(Autoclavable)	1	2995
19	Hi media	Kovacs' Indole Reagent	1	330
20	Hi media	Lysine Decarboxylase Broth	1	2970
21	Hi media	Methyl Red Indicator	1	120
22	Hi media	Glucose Agar	1	3250
23	Hi media	Ornithine Decarboxylase Broth	1	2675
24	Hi media	Antibiotic Solution 100X Liquid w/ 10,000U Penicillin, 5mg Streptomycin per ml in 0.9% normal saline	1	5285
25	Hi media	Hydrogen peroxide	1	3420
26	Hi media	Sodium thiosulphate pentahydrate	1	540
27	Hi media	Ammonium Buffer Solution	1	4170
28	Hi media	Bromothymol Blue Indicator	1	120
29	Hi media	Adonitol	1	290
30	Hi media	Arabinose	1	290
31	Hi media	Maltose monohydrate	1	120
32	Hi media	Sucrose	1	110
33	Hi media	Cellobiose	1	290
34	Hi media	Salicin	1	290

Umesh Mishra
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

Neelam
7/11/19

T. +91 11 25251821

F. +91 11 26251822

E. consultant@7steps.co.in

Vinod Kumar
7/11/19



www.7steps.co.in

7 STEPS

35	Hi media	Trehalose	1	310
36	Hi media	Raffinose	1	290
37	Hi media	Pyridoxal hydrochloride	1	2515
38	Hi media	Methylene Blue (Aqueous)	1	160
39	Hi media	Eosin, 2% w/v	1	140
40	Hi media	TTC Solution 1% (10 ml per vial)	1	890
41	Hi media	Chlortetracycline Selective Supplement	1	925
42	Hi media	Chloramphenicol	1	335
43	Hi media	Dulcitol	1	290
44	Hi media	Thymol Blue Indicator	1	145

*Umesh Singh
7/11/19*

*Nikhil
7/11/19*

*Vinod Kumar
7/11/19*

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in

www.7steps.co.in



7 STEPS

Lab Glasswares Micro-Biology Food Lab

S.No	Make	Particulars	Qty	Unit Price
1	Glassco	Glass Slides, plain, 76/26, 50 Pcs/Pk	10 Packs	105
2	Glassco	Cover Slip/Glass, 0.13x0.17 mm Thick, 18x18 mm, 50/Pk	10 Packs	49
3	Glassco	Slide Box, 50 Slides/Box, 12Pcs/Pk	1 pk	1542
4	Glassco	Test Tubes, 15 ml	1000 No	98
5	Glassco	Test Tubes, 30 ml	1000 No	123
6	Glassco	Narrow Mouth Bottle (250 ml)	10 No	329
7	Glassco	Amber Narrow Mouth Bottle (250 ml)	10 No	567
8	Glassco	Aspirator Bottle With Stopcock (10 lit)	2 No	12046
9	Glassco	Dropping Bottle, 120ml	10 No	573
10	Glassco	Durham Tubes, 3 ml (10x75 mm)	100	7.5
11	Glassco	Durham Tubes, 5 ml (12x75 mm)	100	7.5
12	Glassco	Durham Tubes, 15 ml (15x150 mm)	100	15
13	Glassco	Petri Dish Glass 100x17 mm	100	235
14	Glassco	Screw tube, Plain (15 ml)	100	46
15	Glassco	Screw tube, Plain (30 ml)	100	61
16	Glassco	Screw tube, Plain (50 ml)	100	68
17	Glassco	Tubes Culture Media Amber, Screw Cap, 10 ml	100	112
18	Glassco	Tubes Culture Media Amber, Screw Cap, 30 ml	100	140

Umesh Singh
7/11/19

Shikhar
7/11/19

Vinod Kumar
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821

F. +91 11 26251822

E. consultant@7steps.co.in



www.7steps.co.in



Essential Microbial Culture for Microbiology Food Lab

S.No.	Name of strain/ culture	Qty	Make	Unit Price
1	Escherichia coli	1	ATCC	8500
2	Staphylococcus aureus	1	ATCC	8500
3	Salmonella enterica	1	ATCC	8500
4	Salmonella abony	1	ATCC	8500
5	Shigella sonnei	1	ATCC	8500
6	Enterobacter aerogenes	1	ATCC	8500
7	Candida albicans	1	ATCC	8500
8	Vibrio cholerae	1	ATCC	8500
9	Vibrio parahaemolyticus	1	ATCC	8500
10	Vibrio vulnificus	1	ATCC	8500
11	Listeria monocytogenes	1	ATCC	8500
12	Klebsiella pneumoniae	1	ATCC	8500
13	Bacillus cereus	1	ATCC	8500
14	Aspergillus niger	1	ATCC	8500

Umesh Sharma
7/11/19

Abhinav
08/11/19

Vinod Kumar
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in



www.7steps.co.in

7 STEPS

Essential Equipments-For Microbiology Food Lab

Sr. No	Product Details	Make	Suggestive Qty.	Unit Price
1	Mini Spin micro Centrifuge	Corning	1	18000
2	Vortex Mixer	Corning	1	18000
3	Electrophoresis Horizontal (Mini)	Labnet	2	24000
4	Electrophoresis Horizontal (Midi)	Labnet	2	27000
5	Power Supply	Labnet	2	34000
6	Transilluminator	Labnet	1	57000
7	UV Torch	Ginger	1	5000
8	PCR Gradient	Bluray Biotech	1	210000
9	Handheld Homogenizer (Handheld)	Omni	1	90000

Umesh Mishra
7/11/19

Nilesh Kumar
7/11/19

Vinod Kumar
7/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in

www.7steps.co.in



7 STEPS

S.No	Accessories SS304	Make	Pack Size	Unit price
1	Spectula	S.P Products	10 No	2750
2	Test Tube Rack	S.P Products	1 No	1450
3	Petri plate Rack	S.P Products	1 No	1150
4	Jar	S.P Products	1 No	1850
5	Tray	DLS	1 No	4500
6	Glove Box(waste container)	S.P Products	1 No	3350
7	Dustbin	S.P Products	1 No	3450
8	Handwash stand	S.P Products	1 No	1875
9	Forcep	DLS	6 No	1900
10	Innoculating needle	DLS	10 No	2900

Umesh Singh
21/11/19

Abhinav
21/11/19

Vinod Kumar
2/11/19

7 Steps Consultores Pvt. Ltd.

F-17, 1st Floor, Shri. Jinkushal Suri Complex,
Plot No 230-A, Masjid Moth,
South Ex Part II, New Delhi - 110049.
CIN : U74999DL2014PTC270457

T. +91 11 25251821
F. +91 11 26251822
E. consultant@7steps.co.in

www.7steps.co.in





www.imset.co.in

List of Additional items to be quoted for empanelment of vendors for setting up microbiology laboratory

Consumables for Micro-Lab				
S.No	Particulars	Pack Size	Unit Price in Rs.	Total price in Rs.
1	HiLoop Auto Steriliser	1	39243.75	39243.75
2	loop	100	10.8675	1086.75
3	Fresh Deodorising Pearls (5X50)	50	3864	19320
4	Metalloop -SS-4 Fixed	4	2535.75	10143
5	Metalloop -SL Fixed	4	1147.125	4588.5
6	ParafilmD M125	1	3018.75	3018.75
7	Disposable Masks (pack of 50)	1	181.125	181.125
8	Disposable Apron (XL), DISPOSABLE	50	543.375	27168.75
9	S.S. Spirit Lamp	1	362.25	362.25
10	Indicator pH Paper	10	301.875	3018.75
11	Scotch tape	1	362.25	362.25
12	Water Purification Tablets/Crystle (KMnO4)	500 gm	3018.75	3018.75
13	MICRO TIP BOX 10 UL	10000	2535.75	25357500
14	MICRO TIP BOX 200 UL	10000	2535.75	25357500
15	MICRO TIP BOX 1000 UL	10000	1690.5	16905000
16	Plastic Beaker's (50 ml)	12	30.1875	362.25
17	Plastic Beaker's (100 ml)	12	54.3375	652.05
18	Plastic Beaker's (250 ml)	6	78.4875	470.925
19	Test tube Basket	1	784.875	784.875
20	Funnel holder	2	241.5	483
21	Retort stand	2	362.25	724.5
22	Distille Water Container-5 liters (White) with Tap	1	1690.5	1690.5
23	Wash Bottle (500 ml)-PP	6	108.675	652.05
24	Test tube	100	12.075	1207.5
25	Indicator tape for Steam Autoclave	1	724.5	724.5
26	Hi temperature Indicator tape for Dry Oven	1	724.5	724.5
27	Non absorbent cotton (500 gm)	1	410.55	410.55
28	Plastic Ice box with Cap (Mobile Type)	1	1449	1449
29	Ice pack/Ice Bucket Rubber	1	1328.25	1328.25
30	Spradder	1	1207.5	1207.5
31	Glass Marker (permanent) Fine Tip, Black	6	48.3	289.8
32	Petriplates, 90 mm, 10 Shelves	20	5796	115920
33	Disposable bag	50	36.225	1811.25
34	Swab	100	6.0375	603.75
35	Utility tray medium		603.75	603.75

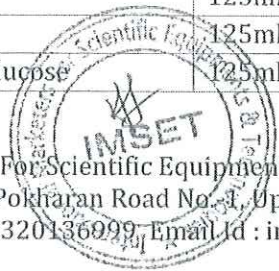
International Marketers For Scientific Equipments & Technologies
22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) - 400 606
Office No.- 9022136999, 9320136999 Email Id : imset.in@gmail.com



www.imset.co.in

36	Utility tray Big	1	724.5	724.5
37	UV safety goggle	1	543.375	543.375
38	Sample container	1	4226.25	4226.25
39	Slant rack	1	6037.5	6037.5
40	Autoclavable Bag, 15 KG	100	37432.5	3743250
41	Autoclavable Bag, 30 KG	100	35017.5	3501750
42	Falcon Centrifuge Tubes, 15 ml	500	10.8675	5433.75
43	Falcon Centrifuge Tubes, 50 ml	500	13.2825	6641.25
44	Micro Centrifuge Tubes, 0.5 ml	1000	0.7245	724.5
45	Micro Centrifuge Tubes, 1.5 ml	500	1.2075	603.75
46	Storage rack for 2 ml tubes, cryo box	4	1207.5	4830
47	Storage rack for 5 ml tubes, cryo box	4	1207.5	4830
48	Nitryl Gloves, medium size	100	784.875	78487.5
49	Nitryl Gloves, XL	100	784.875	78487.5
50	Nitryl Gloves, XXL	100	905.625	90562.5
51	Head Cover, Disposable	100	2.415	241.5
52	Shoe Cover, Disposable	100	301.875	30187.5
53	Gloves for Oven	1 Pair	664.125	664.125
54	Agarose	1	12678.75	12678.75
55	filter/absorbant paper	100	3018.75	301875
56	Parafilm Dispenser	1	5433.75	5433.75

Reagents for Micro-Lab				
S.No	Solutions/Reagents	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Bromocresol Purple Indicator	125ml	173.25	173.25
2	Nitrate Broth	125ml	1282.05	1282.05
3	Barritt Reagent A (for VP test)	125ml	450.45	450.45
4	Mannitol Salt Agar Base	125ml	1016.4	1016.4
5	Phenol Red Indicator	125ml	173.25	173.25
6	L-Tyrosine	125ml	519.75	519.75
7	Lysozyme	125ml	5255.25	5255.25
8	Perfringens Agar Base (T.S.C.)	125ml	6410.25	6410.25
9	Lactose Broth	125ml	1051.05	1051.05
10	Gelatin, Hi-LR™	125ml	311.85	311.85
11	Kovacs' Indole Reagent	125ml	254.1	254.1
12	Buffered Glucose Broth, Granulated (Glucose)	125ml	3961.65	3961.65



International Marketers For Scientific Equipments & Technologies
 22, Khandelwal Industrial Estate, Pokhara Road No. 1, Upvan, Thane (W) – 400 606
 Office No.- 9022136999, 9320136999, Email Id : imset.in@gmail.com



www.imset.co.in

	Phosphate Broth, Granulated) (MR-VP Medium, Granulated)			
14	Formaldehyde sol., 37%	125ml	381.15	381.15
15	Tryptic Soya Agar	125ml	5116.65	5116.65
16	Selenite Cystine Broth Base w/o Biselenite	125ml	5139.75	5139.75
17	Malonate Broth	125ml	5682.6	5682.6
18	Urea Agar Base (Christensen) (Autoclavable)	125ml	4498.725	4498.725
19	Kovacs' Indole Reagent	125ml	254.1	254.1
20	Lysine Decarboxylase Broth	125ml	4459.455	4459.455
21	Methyl Red Indicator	125ml	196.35	196.35
22	Glucose Agar	125ml	6583.5	6583.5
23	Ornithine Decarboxylase Broth	125ml	4019.4	4019.4
24	Antibiotic Solution 100X Liquid w/ 10,000U Penicillin, 5mg Streptomycin per ml in 0.9% normal saline	125ml	8009.925	8009.925
25	Hydrogen peroxide	125ml	600.6	600.6
26	Sodium thiosulphate pentahydrate	125ml	346.5	346.5
27	Ammonium Buffer Solution	125ml	288.75	288.75
28	Bromothymol Blue Indicator	125ml	173.25	173.25
29	Adonitol	125ml	3303.3	3303.3
30	Arabinose	125ml	750.75	750.75
31	Maltose monohydrate	125ml	404.25	404.25
32	Sucrose	125ml	392.7	392.7
33	Cellobiose	125ml	1651.65	1651.65
34	Salicin	125ml	2552.55	2552.55
35	Trehalose	125ml	658.35	658.35
36	Raffinose	125ml	1321.32	1321.32
37	Pyridoxal hydrochloride	125ml	4198.425	4198.425
38	Methylene Blue (Aqueous)	125ml	173.25	173.25
39	Eosin, 2% w/v	125ml	242.55	242.55
40	TTC Solution 1% (10 ml per vial)	125ml	4134.9	4134.9
41	Chlortetracycline Selective Supplement	125ml	1495.725	1495.725
42	Chloramphenicol	125ml	2113.65	2113.65
43	Dulcitol	125ml	1282.05	1282.05
44	Thymol Blue Indicator	125ml	196.35	196.35

Lab Glasswares Micro-Biology Food Lab

S.No	Particulars	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Glass Slides, plain, 76/26, 50 Pcs/Pk.	1 Pack	315	315

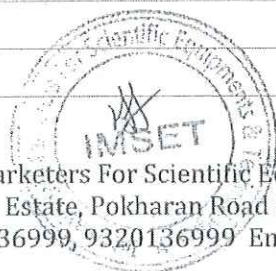
International Marketers For Scientific Equipments & Technologies
 22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) - 400 606
 Office No.- 9022136999, 9320136999 Email Id : imset.in@gmail.com



www.imset.co.in

2	Cover Slip/Glass, 0.13x0.17 mm Thick, 18x18 mm, 50/Pk	1 Pack	189	189
3	Slide Box, 50 Slides/Box, 12Pcs/Pk	1 Pack	3150	3150
4	Test Tubes, 15 ml	1000 No	18900	18900
5	Test Tubes, 30 ml	1000 No	37800	37800
6	Narrow Mouth Bottle (250 ml)	10 No	441	4410
7	Amber Narrow Mouth Bottle (250 ml)	10 No	869.4	8694
8	Aspirator Bottle With Stopcock (10 lit)	1 No	15246	15246
9	Dropping Bottle, 120ml	10 No	504	5040
10	Durham Tubes, 3 ml (10x75 mm)	100	50.4	5040
11	Durham Tubes, 5 ml (12x75 mm)	100	63	6300
12	Durham Tubes, 15 ml (15x150 mm)	100	69.3	6930
13	Petri Dish Glass 100x17 mm	100	170.1	17010
14	Screw tube, Plain (15 ml)	100	81.9	8190
15	Screw tube, Plain (30 ml)	100	100.8	10080
16	Screw tube, Plain (50 ml)	100	107.1	10710
17	Tubes Culture Media Amber, Screw Cap, 10 ml	100	170.1	17010
18	Tubes Culture Media Amber, Screw Cap, 30 ml	100	220.5	22050

Essential Microbial Culture for Microbiology Food Lab				
S.No.	Name of strain/ culture	Qty	Unit Price in Rs.	Total price in Rs.
1	Escherichia coli	1	2625	2625
2	Staphylococcus aureus	1	2625	2625
3	Salmonella enterica	1	2625	2625
4	Salmonella abony	1	2625	2625
5	Shigellasonnei	1	2625	2625
6	Enterobacteraerogenes	1	2625	2625
7	Candida albicans	1	2625	2625
8	Vibrio cholerae	1	2500	2500
9	Vibrio parahaemolyticus	1	2500	2500
10	Vibrio vulnificus	1	2500	2500
11	Listeria monocytogenes	1	2500	2500
12	Klebsiellapneumoniae	1	2500	2500
13	Bacillus cereus	1	2500	2500



International Marketers For Scientific Equipments & Technologies
 22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) - 400 606
 Office No.- 9022136999, 9320136999 Email Id : imset.in@gmail.com



www.imset.co.in

14	Aspergillus niger	1	2500	2500
----	-------------------	---	------	------

Essential Equipments-For Microbiology Food Lab				
S.No	Product Details	Suggestive Qty.	Unit Price in Rs.	Total price in Rs.
1	Mini Spin micro Centrifuge	1 Unit	19908	19908
2	Vortex Mixer	1 Unit	23310	23310
3	Electrophoresis Horizontal (Mini)	2 Units	41580	41580
4	Electrophoresis Horizontal (Midi)	2 Units	56700	56700
5	Power Supply	2 Units	107100	107100
6	Transilluminator	1 Unit	96390	96390
7	UV Torch	1 Unit	25074	25074
8	PCR Gradient	1 Unit	567000	567000
9	Handheld Homogenizer (Handheld)	1 Unit	138600	138600

S.No	Accessories SS304	Pack Size	Unit Price in Rs.	Total price in Rs.
1	Spectula	10 No	808.5	8085
2	Test Tube Rack	1 No	1028.5	1028.5
3	Petri plate Rack	1 No	2018.5	2018.5
4	Jar	1 No	148.5	148.5
5	Tray	1 No	588.5	588.5
6	Glove Box(waste container)	1 No	588.5	588.5
7	Dustbin	1 No	3118.5	3118.5
8	Handwash stand	1 No	918.5	918.5
9	Forcep	6 No	368.5	2211
10	Innoculating needle	10 No	1578.5	1578.5



International Marketers For Scientific Equipments & Technologies
22, Khandelwal Industrial Estate, Pokharan Road No.-1, Upvan, Thane (W) - 400 606
Office No.- 9022136999, 9320136999 Email Id : imset.in@gmail.com

List of Additional-Uploaded on 04.09.2019 (Optional - Prices are not Included in total)

Item Tag	Description	Qty	Unit	Unit Price Excluding GST	Unit Price Excluding GST
	HiLoop Auto Steriliser- 230 V AC, 50 Hz (with LPG connector for gas burner) A laboratory convenience for loop sterilization, leading to speed, accuracy and reliability of results. Supply voltage : 230 V AC, 50 Hz	1		43,359.00	43,359.00
	loop	100		13.00	1,300.00
	Fresh Deodorising Pearls (5X50)	5		4,270.00	21,350.00
	MetaLoop -SS-4 Fixed	4		2,802.00	11,208.00
	MetaLoop -SL Fixed	4		1,268.00	5,072.00
	ParafilmD 4 x 125 inch	1		3,336.00	3,336.00
	Disposable Masks (pack of 50)	1		201.00	201.00
	Disposable Apron (XL), DISPOSABLE	1		601.00	601.00
	S.S. Spirit Lamp	1		401.00	401.00
	Indicator pH Paper, 1 - 14	10		334.00	3,340.00
	Scotch tape	1		401.00	401.00
	Water Purification Tablets/Crystalline (KMnO4)	1		3,336.00	3,336.00
	MICRO TIP BOX 10 UL, 10 x 96 tips / racks	100		2,802.00	280,200.00
	MICRO TIP BOX 200 UL, 10 x 96 tips / racks	100		2,802.00	280,200.00
	MICRO TIP BOX 1000 UL, 6 x 96 tips / racks	100		1,868.00	186,800.00
	Plastic Beaker's (50 ml)	12		34.00	408.00
	Plastic Beaker's (100 ml)	12		61.00	732.00
	Plastic Beaker's (250 ml)	6		87.00	522.00
	Test tube Basket	1		868.00	868.00
	Funnel holder	2		267.00	534.00
	Retort stand	2		401.00	802.00
	Distille Water Container-5 liters (White) with Tap	1		1,868.00	1,868.00
	Wash Bottle (500 ml)-PP	6		121.00	726.00
	Test tube, plastic, 15 ml	100		14.00	1,400.00
	indicator tape for Steam Autoclave	1		801.00	801.00
	Hi temperature indicator tape for Dry Oven	1		801.00	801.00
	Non absorbent cotton (500 gm)	1		454.00	454.00
	Plastic Ice box with Cap (Mobile Type)	1		1,601.00	1,601.00
	Ice pack, bucket	1		1,468.00	1,468.00
	Spradler L, 149 x 40, 50/pk, sterile	1		1,335.00	1,335.00
	Glass Marker (permanent) Fine Tip, Black	6		54.00	324.00
	Petriplates, 90 mm, 10 Shelves(460 pcs for Pack)	1		6,404.00	6,404.00
	Disposable bag	50		41.00	2,050.00
	Swab, 150 mm, sterile	100		7.00	700.00
	Utility tray medium	1		668.00	668.00
	Utility tray Big	1		801.00	801.00
	UV safety goggle	1		601.00	601.00
	Sample container, 60 ml, ind packed, sterile, 500/pl.	1		4,670.00	4,670.00
	Slant rack	1		6,671.00	6,671.00
	Autoclavable Bag, 300 x 500, 8 lit, 500/pk	1		41,358.00	41,358.00
	Autoclavable Bag, 400 x 780, 38 lit, 500/pk	1		38,690.00	38,690.00

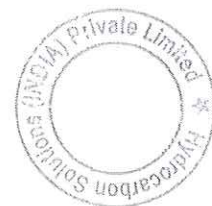


■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari | Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com

GST: 29AABCH9294H122 | COI: U24306KA2007PTC042465

Falcon Centrifuge Tubes, 15 ml	500	13.00	6,500.00
Falcon Centrifuge Tubes, 50 ml	500	15.00	7,500.00
Micro Centrifuge Tubes, 0.5 ml	1000	1.00	1,000.00
Micro Centrifuge Tubes, 1.5 ml	500	2.00	1,000.00
Storage rack for 2 ml tubes, cryo box , red	4	1,335.00	5,340.00
Storage rack for 5 ml tubes, cryo box , red	4	1,335.00	5,340.00
Nitril Gloves, medium size	1	868.00	868.00
Nitril Gloves, XL	1	868.00	868.00
Nitril Gloves, XXL	1	1,001.00	1,001.00
Head Cover, Disposable	100	3.00	300.00
Shoe Cover, Disposable , 15 x 7 disposable , 50/pk	2	334.00	668.00
Gloves for Oven , furnace 14 inch	1	734.00	734.00
AGAROSE (L) For Electrophoresis - 100 GM	1	14,009.00	14,009.00
filter/absorbant paper pad, 47 mm , sterile	1	3,336.00	3,336.00
Parafilm Dispenser , Parafilm Dispenser Acrylic	1	6,004.00	6,004.00
Bromocresol Purple indicator	1	201.00	201.00
Nitrate Broth	1	1,481.00	1,481.00
Barritt Reagent A (for VP test)	1	521.00	521.00
Mannitol Salt Agar Base	1	1,175.00	1,175.00
Phenol Red Indicator	1	201.00	201.00
L-Tyrosine -	1	601.00	601.00
Lysozyme	1	6,071.00	6,071.00
Perfringens Agar Base (T.S.C.)	1	7,405.00	7,405.00
Lactose Broth	1	1,215.00	1,215.00
Gelatin, Hi-LR™	1	361.00	361.00
Kovacs' Indole Reagent	1	294.00	294.00
Buffered Glucose Broth, Granulated (Glucose Phosphate Broth, Granulated) (MR-VP Medium, Granulated)	1	4,577.00	4,577.00
Formaldehyde sol., 37%	1	441.00	441.00
Tryptic Soya Agar	1	5,911.00	5,911.00
Selenite Cystine Broth Base w/o Biselenite	1	5,937.00	5,937.00
Malonate Broth	1	6,564.00	6,564.00
rea Agar Base (Christensen) (Autoclavable)	1	5,197.00	5,197.00
Kovacs' Indole Reagent	1	294.00	294.00
Lysine Decarboxylase Broth	1	5,152.00	5,152.00
Methyl Red Indicator	1	227.00	227.00
Glucose Agar	1	7,605.00	7,605.00
Ornithine Decarboxylase Broth	1	4,643.00	4,643.00
Antibiotic Solution 100X Liquid w/ 10,000U Penicillin, 5mg Streptomycin perml in 0.9% normal saline	1	9,253.00	9,253.00
Hydrogen peroxide	1	694.00	694.00
Sodium thiosulphate pentahydrate	1	401.00	401.00
Ammonium Buffer Solution	1	334.00	334.00
Bromothymol Blue Indicator	1	201.00	201.00
Adonitol	1	3,816.00	3,816.00
Arabinose	1	868.00	868.00
Maltose monohydrate	1	467.00	467.00
Sucrose	1	454.00	454.00



■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari | Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com

GST: 29AABCH9294H1Z2 | COI: U24306KA2007PTC042465

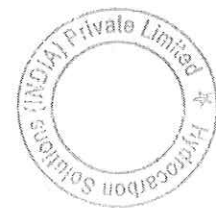
Cellobiose	1	1,908.00	1,908.00
Salicin	1	2,949.00	2,949.00
Trehalose	1	761.00	761.00
Raffinose	1	1,527.00	1,527.00
Pyridoxal hydrochloride	1	4,850.00	4,850.00
Methylene Blue (Aqueous)	1	201.00	201.00
Eosin, 2% w/v	1	281.00	281.00
TTC Solution 1% (10 ml per vial)	1	4,777.00	4,777.00
Chlortetracycline Selective Supplement	1	1,728.00	1,728.00
Chloramphenicol	1	2,442.00	2,442.00
Dulcitol	1	1,481.00	1,481.00
Thymol Blue Indicator	1	227.00	227.00
Glass Slides, plain, 76/26, 50 Pcs/Pk	1	334.00	334.00
Cover Slip/Glass, 0.13x0.17 mm Thick, 18x18 mm, 50/Pk	1	201.00	201.00
Slide Box, 50 Slides/Box, 12Pcs/Pk	1	3,336.00	3,336.00
Test Tubes, 15 ml, glassco	1	20,012.00	20,012.00
Test Tubes, 30 ml	1	40,024.00	40,024.00
Narrow Mouth Bottle (250 ml)	10	467.00	4,670.00
Amber Narrow Mouth Bottle (250 ml)	10	921.00	9,210.00
Aspirator Bottle With Stopcock (10 lit) , with screw cap 235 x 405 mm	1	16,143.00	16,143.00
Dropping Bottle, 125ml	10	534.00	5,340.00
Durham Tubes, 3 ml (10x75 mm)	100	54.00	5,400.00
Durham Tubes, 5 ml (12x75 mm)	100	67.00	6,700.00
Durham Tubes, 15 ml (15x150 mm)	100	74.00	7,400.00
Petri Dish Glass 100x17 mm s-line	100	181.00	18,100.00
Screw tube, Plain (15 ml) , flat bottom	100	87.00	8,700.00
Screw tube, Plain (30 ml) , flat bottom	100	107.00	10,700.00
Screw tube, Plain (50 ml) , flat bottom	100	114.00	11,400.00
Tubes Culture Media Amber, Screw Cap, 10 ml , flat bottom	100	181.00	18,100.00
Tubes Culture Media Amber, Screw Cap, 30 ml , flat bottom	100	234.00	23,400.00
Escherichia coli - Live Culture	1	3,336.00	3,336.00
Staphylococcus aureus - Live Culture	1	3,336.00	3,336.00
Salmonella enterica - Live Culture	1	3,336.00	3,336.00
Salmonella abony - Live Culture	1	3,336.00	3,336.00
Shigella sonnei - Live Culture	1	3,336.00	3,336.00
Enterobacter aerogenes - Live Culture	1	3,336.00	3,336.00
Candida albicans - Live Culture	1	3,336.00	3,336.00
Vibrio cholerae - Live Culture	1	3,336.00	3,336.00
Vibrio parahaemolyticus - Live Culture	1	3,336.00	3,336.00
Vibrio vulnificus - Live Culture	1	3,336.00	3,336.00
Listeria monocytogenes - Live Culture	1	3,336.00	3,336.00
Klebsiella pneumoniae - Live Culture	1	3,336.00	3,336.00
Bacillus cereus - Live Culture	1	3,336.00	3,336.00



■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari | Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com

Aspergillus niger - LIVE Culture	1		3,336.00	3,336.00
Mini Spin micro Centrifuge , 8 place , 1.5 / 2 ml tubes , 6000 rpm make : waiometra	1		21,079.00	21,079.00
Vortex Mixer , 0-3000 rpm dia 6 mm , make : waiometra	1		24,682.00	24,682.00
Electrophoresis Horizontal (Mini) Jy-spbt Gel size : 78 x 100 mm wxd Sample volume 10,15 Buffer volume 400 ml make : waiometra	2		44,026.00	88,052.00
Electrophoresis Horizontal (Midi) Jy-spct , gel size : 60 x 60 mm 120 x 60 mm , 60x120mm, 120x120mm Sample volume : 3,6,8,11,13,16,25 Buffer volume : 550 ml make : waiometra	2		60,035.00	120,070.00
Power Supply for above jy300 make : waiometra	2		113,400.00	226,800.00
Transilluminator uv Transmission : 200 x 150 mm Source uv wavelength : 302 nm Voume : 325 x 265 x 150 mm make : waiometra	1		102,060.00	102,060.00
UV Torch	1		26,549.00	26,549.00
PCR Gradient	1		600,350.00	600,350.00
Handheld Homogenizer (Handheld)	1		146,753.00	146,753.00
Spectula , medium	10		94.00	940.00
Test Tube Rack , plastic pp for 50	1		1,201.00	1,201.00
Petri plate Rack , pp 60 dishes of 50 mm	1		2,402.00	2,402.00
Jar pp , 500 ml	1		134.00	134.00
Tray pp , laboratory	1		668.00	668.00
Glove Box (waste container)	1		668.00	668.00
Dustbin ss	1		3,736.00	3,736.00
Handwash stand	1		1,068.00	1,068.00
Forcep ss	6		67.00	402.00
innoculating needle , ss	1		1,868.00	1,868.00
Total Cost (Excluding Taxes and Duties):				2,743,880.00
Note: Please note that above quoted prices are without GST, Taxes & duties; which will be charged at actuals.				



■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

Hydrocarbon Solutions (India) Pvt. Ltd. | No.3, 17th Cross, 2nd Main, Behind Uma Maheshwara Temple, 2nd Stage Banashankari |
Bangalore-560 070 | India | Phone: +91 80 2676 1159 | Fax: +91 80 4866 0699 | info@hpiindia.com | www.gulfbioanalytical.com