



Fakir Mohan University
VyasaVihar, Nuapadhi, Balasore, Odisha-756089
Website: www.fmuniversity.nic.in

No. FMU/R&D/182/2023/ 456

Date: 13.01.2023

Tender Call Notice (For LabEquipment/Chemicals/Lab Consumables)

Sealed quotations are invited from interested Dealers, Suppliers and Manufacturers with valid GSTIN certificate, PAN card and authorised dealer certificate for supply of **Lab Equipment/Chemicals/Lab Consumables (Glassware, plastic ware and miscellaneous items)** for a BRNS, DAE, Government of India sponsored project entitled, "Mapping saline water intrusion and fluoride migration into the coastal aquifer of North Odisha with isotope and geochemical modelling techniques" operating in the PG Dept. of Environmental Science. The last date for submission of quotations by Regd./Speed Post is **30.01.2023 by 04:00 PM**. For details please visit the University web site www.fmuniversity.nic.in.

P. Mohan
13/1/23

(Principal Investigator)

Tender Call Notice (For Lab Equipment/Chemicals/Lab Consumables)

GENERAL TERMS AND CONDITIONS

1. Submission of tender/ bid in Two Bid System

The Bid/ Tender/ Quotation shall be submitted in two-bid system i.e. Technical Bid & Financial Bid. **Technical and Financial bid of the quotation should be separately sealed in two envelopes** and it must be clearly mentioned on the top of the envelopes as **Cover-A (Technical Bid)** and **Cover-B (Financial Bid)**. Both the sealed envelopes (A & B) should then be put in one outer cover indicating thereon:

- i) Reference No. of Tender (in Capital letter on the top of the envelope):
- ii) Tender regarding (in Capital letter on the top of the envelope as **Lab equipment/ Chemicals/ Lab. Consumables**):
- iii) Due date for submission of Tender:
- iv) Name and Address of the firm:

The technical bids are to be opened by the Purchase Committee for evaluation. In the second stage the financial bids of only the technically acceptable offers will be opened for further evaluation, scrutiny and ranking for awarding the Supply Order.

1.1. Technical Bid Should Contain the Following Documents:

- a) The detailed specifications of the equipment along with make and model with respect to the specification specified by the University should be submitted as per the format enclosed in **Annexure I**.
- b) Technical Literature in support of the Lab equipment
- c) Copy of Valid GSTIN Registration Certificate.
- d) Copy of PAN.
- e) Copy of Income Tax Return for last 03 years.
- f) The authorisation certificate of OEM/ authorised Manufacturer/ Distributor/ Dealership Certificate for respective Equipment/Chemical/ Glassware/ or other consumable items.
- g) **EMD @ 2%** of quoted amount **for equipments only** (Annexure – III) in the shape of Bank Draft drawn in favour of **F.M. University Development Fund-II** payable at Balasore with three-month validity.
- h) **Non-refundable tender fee Rs. 500/-** in shape of Demand Draft in favour of **F.M. University Development Fund-II** payable at Balasore with three-month validity.

1.2. Financial Bid Should Contain the Following Documents:

- a) Break up price as per format enclosed in **Annexure-II**.
- b) Total Price must include all admissible taxes including transportation charges, delivery and installation charges at the Department of Principal Investigator i.e. PG Dept. of Environmental Science, F M university, Balasore– 756089 trial operation, comprehensive training and clearance charges. The University will make necessary payment in Indian currency only.
- c) No conditional price will be taken into consideration. No escalation of the price in later stage is acceptable.
- d) Warranty period details should be clearly mentioned
- e) For chemicals, glassware and plastic ware, the price should be given as per the format given in **Annexure IV, V and VI respectively. The bidder must submit the latest and valid pricelist of the respective make or manufacturer along with the quotation.**
- f) The miscellaneous lab consumable items, as enlisted in Annexure VII, should be quoted (with warranty where ever applicable) following the proforma as given in **Annexure VII**.

2. Goods Eligibility:

ISI, CE, ISO, US FDA/ IEC 60601 or equivalent certificate

3. Other Terms and Conditions:

- i) The cost of the tender is **Rs. 500/- (Non-refundable)**.
- ii) Submission of quotations without tender cost, **EMD (For Equipment only, Annexure - III)** along with the Technical Bid and received after due date and time will be summarily rejected.
- iii) The quotations completed in all respect should reach to **Dr. Prakash Chandra Mishra, Principal Investigator, BRNS Project, PG Department of Environmental Science, Fakir Mohan University, VysaVihar, Balasore-756089 through Speed/Regd. Post (Indian Postal Service) only** on or before **30.01.2023 by 04:00 PM**. The quotations received after due date or incomplete in any respect shall summarily be rejected. The tender papers will be opened on **30.01.2023 at 04.30 PM** in the Office Chamber of the Registrar, F.M. University, Vyasa Vihar, Nuapadhi, Balasore-756089.
- iv) The supplier must be either manufacturer of the equipment or the authorised agent/ dealer of the manufacturer.
- v) The price should be quoted in the Indian currency only.
- vi) The successful bidders should supply the equipment within a period of 3-4 weeks from the issuing date of purchase order by the competent authority of Fakir Mohan University and shall be delivered to the Person concerned.
- vii) The EMD of the successful bidders will be refunded after the supply and installation of the equipment, on completion of warranty period.
- viii) The EMD of the unsuccessful bidders will be returned to the concerned quotationers immediately after finalisation of the tenders by Regd. Post.
- ix) Documents such as operation manual and other technical specifications of the equipment should be supplied by the successful bidders along with the equipment.
- x) **A warranty certificate for the period of minimum 03 years from the date of installation should be provided. Thus the basic price of all instruments should be quoted along with the warranty period covered.**
- xi) During the warranty period or later whenever the firm is called upon to attend for the rectification of the defects/ faults in the consignments, the firm shall attend to the repair of instrument within 48-96 hours. They should render timely back up service whenever called upon. A certificate to that effect should be attached along with the invoice or delivery challan
- xii) The invoices should be submitted in triplicate in the name of **“Principal Investigator, BRNS Project, PG Department of Environmental Science, Fakir Mohan University, Vysa Vihar, Balasore-756089”** for pass and payment. The payments will be made only after successful installation/ Training/ Demonstration of instruments supported with a certificate by the concerned PI.
- xiii) The University authority reserves the right to refuse payment in the event of unsuccessful installation and the non-submission of the installation certificates.
- xiv) **The authority of the F.M. University, Balasore reserves the right to accept/ reject any part or all quotations; and also increase or decrease the number of individual items to be procured; or cancel the entire procurement process without assigning any reason thereof.**
- xv) Once the rate is approved by the Purchase Committee and supply order is placed to the successful bidder and in the event of failure on the part of the bidder for supply of the equipment on any account, the authority reserves the right to forfeit the EMD.
- xvi) The rates/ price should be quoted in Indian currency only and payment shall be made in Indian Currency. The price shall be inclusive of all taxes (Rate & Taxes should be

- mentioned separately), Transportation cost and Cost of Installation and Commissioning, trial operation, comprehensive training and clearance charges.
- xvii) The bid should remain valid for a period of 180 days from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- xviii) The quotationers are required to quote separately for different items of the categories as mentioned below. However, the quotationers have to pay the tender value once, which is non-refundable.
- Equipments (Annexure III)
 - Chemicals (Annexure IV)
 - Glassware and Plastic wares (Annexure V &VI)
 - Miscellaneous lab consumables (Annexure VII)
- xix) Dispute, if any, with regard to the tender/ quotation shall be settled within the jurisdiction of Balasore Court, Odisha only.
- xx) Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The University's Purchase Committee, reserves the right to select any bid / equipment under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support, additional warranty, offer of additional / special features, Compatibility with the existing System, Training, etc.

**Sd/
Principal Investigator**

1. List of Equipment/Instruments

A. Technical Specification of Benchtop Conductivity Meter

Sl No	Feature	Specification
1	Conductivity	Range: 0.001 μ S to 3000 mS Resolution: 0.001 μ S minimum, auto ranging, up to 4 significant digits Relative Accuracy: 0.5 % of reading \pm 1 digit > 3 μ S, 0.5 % of reading \pm 0.01 μ S \leq 3 μ S Reference Temperature: 5, 10, 15, 20, 25 $^{\circ}$ C Temperature Compensation: Linear, nonlinear nLFn&nLFu, EP (USP), off Compatible Cell Constants: 0.001 to 199.9
2	Resistivity	Range: 2 ohm to 100 meg-ohm
3	Salinity	Range: 0.06 to 80.00 psu, 0.05 to 42.00 ppt
4	TDS	Range: 0.001 to 200.0 ppt
5	Temperature	Range: -5 to 105 $^{\circ}$ C, 23 to 221 $^{\circ}$ F
6	Calibration	Calibration Points: Up to 5 Calibration Editing: Yes Temperature Offset Calibration: 1 point
7	Data logging	Memory: 2000 with time and date stamp Log Function: Manual, ready (includes AUTO-READ), timed
8	IP rating	IP54
9	Automatic Stirrer facility	Yes (Provision for connectivity of automatic stirrer probe directly controlled by meter)
10	Power supply	Universal Power adapter (220 VAC) / 4 nos. AA batteries (optional)
11	Warranty	Meter is warranted for 36 months on manufacturing defects (12 months onsite warranty only).
12	Supply includes	Benchtop Conductivity meter, Conductivity probe, Buffer & solution kit, 1413 μ S conductivity standard, Attached electrode stand and holder, Universal power adapter, Printed quick start guide and literature CD.
13	Warranty	36 Months Comprehensive Warranty

Terms and Conditions:

- i) Specification claimed must be supported by printed literature of the company.
- ii) The supplier of the instrument must confirm in writing that the spares for the entire instrument will be available for a period of at least ten years after the model of equipment supplied has been phased out. For frequently required spares, there should be adequate inventory with the Indian agency.
- iii) Any accessories must be needed for operation of the equipment, but not mentioned in this specification shall be quoted by the vendor.
- iv) The supplier must have sold at least five Conductivity Meter System in India in last 5 years. The supplier should provide list of installation in India with all contact details and model details.
- v) Supplier must have proven capability and trained expert manpower to troubleshoot equipment both in the hardware and application part.
- vi) Backup software must be provided on optical media. Any further version of the software and updates must be provided free of cost for 10 years.
- vii) Suitable and essential tool kit is to be supplied with the equipment for the required maintenance.

**Annexure IV
(For Financial Bid of Chemicals)**

2. List of Chemicals

Sl. No	Chemicals/Reagents	Pack Size	Make	Cat. No	Quantity Required	Actual Price	Quoted Price after Discount	Quoted Price including tax
1.	iso-Propyl Alcohol (Propan-2-ol) ER	500 ml	Qualigens	Q13825	01			
2.	1,10-Phenanthroline Monohydrate extrapure AR,99.5%	5g	SRL	65898	01			
3.	Acetone	500 ml	Merck	1.94500.0521	01			
4.	Acetic Acid Glacial extrapure AR, 99.9%	500ml	SRL	85801	01			
5.	SULPHANILAMIDE 99% Extra Pure p-Aminobenzenesulfonamide HSN: 2935.9090 CAS No.: 63-74-1 C6H8N2O2S M.W. 172.20	100g	LOBA Chemical	06175 00100	01			
6.	Ammonium Acetate extrapure AR, 98%	500gm	SRL	44683	01			
7.	Ammonium Chloride extrapure AR, 99.5%	500gm	SRL	25103	01			
8.	Ammonium Ferrous SulphateHexahydrate extrapure AR, 99%	500gm	SRL	84937	01			
9.	Ammonia Solution extrapure AR, 30%	500ml	SRL	14388	01			
10.	Ammonium MolybdateTetrahydrate extrapure AR,99%	100g	SRL	10299	01			
11.	Ammonium metavanadateextrapure AR, 99%	100g	SRL	15068	01			
12.	Bromocresol green powder	5g	SRL	64062	01			
13.	Barium Chloride Dihydrate pure, 99%	500g	SRL	78118	01			
14.	Calcium Carbonate extrapure AR, 99%	500gm	SRL	87293	01			
15.	PATTON AND REEDER'S REAGENT ARCalconcarboxylic acid, HSN: 2927.0090 CAS No.: 3737-95-9 C21H14N2O7S M.W. 438.42	25g	LOBA chemicals	05131 00025	01			

16.	Cerium(III) nitrate hexahydrate extra pure	100g	Merck	1.02271.0100	01			
17.	Chloroform extrapure, 99%	500ml	Srl	96712	01			
18.	di-Ammonium hydrogen phosphate for analysis EMPARTA ACS	500g	Merck	1.93284.0521	01			
19.	EDTA Disodium Salt Dihydrateextrapure AR, 99.5%	500gm	SRL	40088	01			
20.	Erichrome Black T Extrapure AR	25g	SRL	40876	01			
21.	Ethyl Alcohol(Ethanol)	1 L			01			
22.	Ferric Chloride Anhydrous pure, 98%	500g	SRL	72287	01			
23.	Glycerol Anhydrous pure, 99%	500 ml	SRL	42595	01			
24.	Hydrazinium sulfate Extrapure AR,99%	100g	SRL	33243	01			
25.	Hydrochloric Acid ER 500ML	500 ml	Qualigens	Q29505	01			
26.	Magnesium salt of EDTA	100 g	SRL	41000	01			
27.	Magnesium Sulphate Dried Extrapure 65-75%	500g	SRL	64187	01			
28.	Magnesium Chloride HexahydrateExtrapure AR,99%	500g	SRL	69396	01			
29.	Methanol pure, 99%	500 ml	Merck	59029	01			
30.	Methyl Orange Indicator	25 gm	Merck	60132200251730	01			
31.	Methyl Red Powder	25g	SRL	49449	01			
32.	m-Cresol Purple extrapure AR	5g	SRL	31393	01			
33.	Manganese(II) sulfate monohydrate for analysis EMPARTA ACS	500gm	Merck	1.93264.0521	01			
34.	Murexide (5,5'-Nitrilobarbituric Acid Monoammonium Salt) for analysis EMPARTA ACS	5g	Merck	1.93319.0006	01			
35.	Mercuric Iodide Red Pure 99%	25g	SRL	98926	01			
36.	Sodium Sulphate Anhydrous extrapureAR, 99.5%	500mg	Srl	59977	01			
37.	Nitric Acid ER 500ML	500 ml	Qualigens	Q29195	01			
38.	Ortho-Phosphoric acid 88% for analysis EMPARTA® ACS	500 ml	Merck	1.93003.0521	01			
39.	Oxalic Acid extrapure AR, 99.5%	500g	SRL	40510	01			
40.	Perchloric acid 60% for analysis EMPARTA®	500 ml	Merck	1.93004.0521	01			

	ACS							
41.	Phenolphthalein Extrapure AR,99%	50g	SRL	90179	01			
42.	POTASSIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS 98% Extra Pure Monopotassium phosphate, Potassium dihydrogen phosphate Monobasic Confirms to BP HSN: 2835.2400 CAS No.: 7778-77-0 KH2PO4 M.W. 136.09	500g	LOBA Chemical s	05356 00500	01			
43.	Potassium Hydrogen Phthalate extrapure AR, 99.9%	500g	SRL	80633	01			
44.	Potassium Hydroxide Pellets extrapure AR, 85%	500g	SRL	78269	01			
45.	Potassium Iodide pure, 99%	25g	SRL	78240	01			
46.	Potassium DichromateExtrapure AR 99.9%	500g	SRL	80233	01			
47.	Potassium nitrate EMPLURA®	500g	Merck	1.93625.052 1	01			
48.	Petroleum Ether 100- 120 extrapure	500ml	SRL	52226	01			
49.	Salicylic acid for analysis EMPARTA ACS	500g	Merck	1.94929.052 1	01			
50.	Silver Nitrate extrapure 99.9%	10g	SRL	94118	01			
51.	Sodium Acetate Anhydrous pure 98%	500g	SRL	31378	01			
52.	Sodium carbonate anhydrous extrapure AR 99%	500g	SRL	93857	01			
53.	Sodium Iodide pure, 99%	25g	SRL	77758	01			
54.	Sodium Fluoride pure, 98%	500g	SRL	57010	01			
55.	Sodium Sulphite Anhydrous extrapure AR, 98%	500g	SRL	32246	01			
56.	Sodium Hydroxide pellets Extrapure AR, 98%	500gm	Srl	68151	01			
57.	Sodium Nitrate extrapure AR, ACS, 99%	500g	SRL	44618	01			
58.	Sodium Sulphate Anhydrous extrapure AR, 99.5%	500g	SRL	59977	01			

59.	Sodium Thiosulphate Anhydrous extrapure AR,99.5%	500gm	SRL	89728	01			
60.	Stannous Chloride Dihydrate Extrapure AR,99%	100gm	Srl	23329	01			
61.	Sodium Oxalate pure, 99%	500g	SRL	36176	01			
62.	Sodium Metasilicate Nonahydrate (Sodium Silicate Hydrated) extrapure	500g	SRL	20660	01			
63.	Sulphuric Acid ER 500ML	500ml	Qualigens	Q29995	01			
64.	Sulphonilamide Extrapure AR,99%	100g	Srl	65404	01			
65.	Triethanolamine SQ 500ML	500ml	Qualigens	Q28565	01			
66.	Zirconium Oxychloride Octahydrate 99.5%	100gm	Srl	12077	01			
67.	Zinc sulfate heptahydrate EMPLURA	500g	Merck	1.93640.0521	01			
68.	N-(1-Naphthyl)Ethylendiamine Dihydrochloride (NEDA) extrapure AR, ACS, 98%	5g	SRL	61166	01			
69.	Polyacrylamide	25g	Merck/SRL		01			
70.	Polynuclear Aromatic Hydrocarbon Mix	Ampule of 1 ml	Merck/Supelco-Sigma Aldrich	CRM47543	01			
71.	EPA 525 Fortification Solution-A	Ampule of 1 ml	Supelco	48230-U	01			
72.	Napthalene d ₈ Solution	Ampule of 1 ml	Supelco	48715-U	01			
73.	Perylene-d ₁₂ Solution	Ampule of 1 ml	Supelco	48081	01			
74.	Aluminum oxide	1 Kg	Merck/Sigma Aldrich	06300	01			
75.	Reagents for analysis of Nitrate		HACH Make		50 tests/100 tests			
76.	Reagents for analysis of Hexavalent Chromium		HACH Make		50 tests/100 tests			
77.	Reagents for analysis of Phosphate		HACH Make		50 tests/100 tests			
78.	Reagents for analysis of Sulphate		HACH Make		50 tests/100 tests			
79.	Reagents for analysis of Iron		HACH Make		50 tests/100 tests			

Annexure V
(For Financial Bid of Glass Wares)

3. List of Glassware

Sl. no	Glassware items	Make	Capacity/Size	Quantity	Actual Price	Quoted Price after Discount	Quoted Price including tax	Remark
1.	Low Form Beaker with spout-25 ml(Cat No. 1000009)	Borosil	25ml	01				
2.	Low Form Beaker with spout-50 ml(Cat No. 1000D12)	Borosil	50ml	01				
3.	Low Form Beaker with spout-100 ml(Cat No. 1000009)	Borosil	100ml	01				
4.	Low Form Beaker with spout-250 ml(Cat No. 1000D21)	Borosil	250ml	01				
5.	Low Form Beaker with spout-500 ml(Cat No. 1000D24)	Borosil	500ml	01				
6.	Low Form Beaker with spout-1000 ml(Cat No. 1000D29)	Borosil	100ml	01				
7.	Tall Form Beaker with spout-50 ml(Cat No. 1060012)	Borosil	50ml	01				
8.	Tall Form Beaker with spout-100 ml(Cat No. 1060D16)	Borosil	100ml	01				
9.	Tall Form Beaker with spout-250 ml(Cat No. 1060D21)	Borosil	250ml	01				
10.	Tall Form Beaker with spout-500 ml(Cat No. 1060D24)	Borosil	500ml	01				
11.	Tall Form Beaker with spout-1000 ml (Cat No. 1060D29)	Borosil	1000ml	01				
12.	B.O.D Bottles-300 ml (Cat No. 1250022)	Borosil	300ml	01				
13.	Reagent Bottles Narrow Mouth With I/C Glass Stopper-500 ml (Cat No. 1500024)	Borosil	500ml	01				
14.	Reagent Bottles Narrow Mouth With I/C Glass Stopper-1000 ml (Cat No. 1500029)	Borosil	1000ml	01				
15.	Reagent Bottles Narrow Mouth with Screw Cap-100 ml (Cat No. 1501016)	Borosil	100ml	01				
16.	Reagent Bottles Narrow Mouth with Screw Cap-250 ml (Cat No. 1501021)	Borosil	250ml	01				

17.	Reagent Bottles Narrow Mouth With Screw Cap-500 ml (Cat No. 1501024)	Borosil	500ml	01				
18.	Reagent Bottles Narrow Mouth With Screw Cap-1000 ml (Cat No. 1501029)	Borosil	1000ml	01				
19.	Reagent Bottles Narrow Mouth With I/C Glass Stopper, Amber-500 ml(Cat No. 1509024)	Borosil	500ml	01				
20.	Reagent Bottles Narrow Mouth With I/C Glass Stopper, Amber-1000 ml (Cat No. 1509029)	Borosil	1000ml	01				
21.	Reagent Bottles Narrow Mouth With Screw Cap, Amber-250 ml (Cat No. 1519021)	Borosil	250ml	01				
22.	Reagent Bottles Narrow Mouth With Screw Cap, Amber-500 ml (Cat No. 1519024)	Borosil	500ml	01				
23.	Reagent Bottles Narrow Mouth With Screw Cap, Amber-1000 ml (Cat No. 1519029)	Borosil	1000ml	01				
24.	Burettes with Boroflo stopcock, Class A, with Individual Calibration Certificate-25 ml (Cat No. 2121U09)	Borosil	25ml	01				
25.	Burettes with Boroflo stopcock, Class A, with Individual Calibration Certificate-50 ml (Cat No. 2121012)	Borosil	50ml	01				
26.	Burettes with Boroflo stopcock, Class A, Amber, with Individual Calibration Certificate-25 ml (Cat No. 2131012)	Borosil	25ml	01				
27.	Nessler Cylinders-50 ml (Cat No. 2975012)	Borosil	50ml	01				
28.	Nessler Cylinders-100 ml(Cat No. 1000009)	Borosil	100ml	01				
29.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate-10 ml (Cat No. 3021006)	Borosil	10ml	01				
30.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate-25 ml (Cat No. 3021009)	Borosil	25ml	01				

31.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate- 50 ml (Cat No. 3021012)	Borosil	50ml	01				
32.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate- 100 ml (Cat No. 3021016)	Borosil	100ml	01				
33.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate- 250 ml (Cat No. 3021021)	Borosil	250ml	01				
34.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate- 500 ml (Cat No. 3021024)	Borosil	500ml	01				
35.	Cylinders Class A, Hexagonal Base, Pour Out, With Individual Calibration Certificate- 1000 ml (Cat No. 30211029)	Borosil	100ml	01				
36.	Petri Dishes(3.3 Borosilicate)-200 x 20 mm (Cat No. 3160087)	Borosil	200 x 20 mm	01				
37.	Petri Dishes(3.3 Borosilicate)-150 x 20 mm (Cat No. 3160081)	Borosil	150 x 20 mm	01				
38.	Petri Dishes(3.3 Borosilicate)-83 x 17 mm (Cat No. 3160072)	Borosil	83 x 17 mm	01				
39.	Flat Bottom Evaporation Dishes With Spout-150 x 80 (Cat No. 3180081)	Borosil	150 x 80 mm	01				
40.	Flat Bottom Evaporation Dishes With Spout- 200 x 100 (Cat No. 3180087)	Borosil	200 x 100 mm	01				
41.	Erlenmeyer (Conical) Flask, Narrow Mouth with Rim-100 ml (Cat No. 4980016)	Borosil	100ml	01				
42.	Erlenmeyer (Conical) Flask, Narrow Mouth with Rim-250 ml (Cat No. 4980021)	Borosil	250 ml	01				
43.	Erlenmeyer (Conical) Flask, Narrow Mouth with Rim-500 ml (Cat No. 4980024)	Borosil	500ml	01				
44.	Erlenmeyer (Conical)	Borosil	1000ml	01				

	Flask, Narrow Mouth with Rim-1000 ml (Cat No. 4980029)							
45.	Erlenmeyer (Conical) Flask, with Screw Cap-250 ml (Cat No. 5021021)	Borosil	250ml	01				
46.	Erlenmeyer (Conical) Flask, with Screw Cap--500 ml (Cat No. 5021024)	Borosil	500ml	01				
47.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-25 ml (Cat No. 5640009)	Borosil	25ml	01				
48.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-50 ml (Cat No. 5640012)	Borosil	50ml	01				
49.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-100 ml (Cat No. 5640016)	Borosil	100ml	01				
50.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-250 ml (Cat No. 5640021)	Borosil	250ml	01				
51.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-500 ml (Cat No. 5640024)	Borosil	500ml	01				
52.	Volumetric Flask, Class A, Narrow Mouth, Clear, With Individual Calibration Certificate-1000 ml (Cat No. 5640029)	Borosil	1000ml	01				
53.	Volumetric Flask, Class A, Narrow Mouth, Amber, With Individual Calibration Certificate-25 ml (Cat No. 5648009)	Borosil	25ml	01				
54.	Volumetric Flask, Class A, Narrow Mouth, Amber, With Individual Calibration Certificate-50 ml (Cat No. 5648012)	Borosil	50ml	01				
55.	Volumetric Flask, Class	Borosil	100ml	01				

	A, Narrow Mouth, Amber, With Individual Calibration Certificate-100 ml (Cat No. 5648016)							
56.	Volumetric Flask, Class A, Narrow Mouth, Amber, With Individual Calibration Certificate-250 ml (Cat No. 5648021)	Borosil	250ml	01				
57.	Volumetric Flask, Class A, Narrow Mouth, Amber, With Individual Calibration Certificate-500 ml (Cat No. 5648024)	Borosil	500ml	01				
58.	Glass Filter Funnel (short stem) -35 mm (Cat No. 6140058)	Borosil	35mm	01				
59.	Glass Filter Funnel (short stem)-75 mm (Cat No. 6140071)	Borosil	75mm	01				
60.	Mohr Pipettes, Class A, With Individual Calibration Certificate-0.1 ml (Cat No. 7059P41)	Borosil	0.1ml	01				
61.	Mohr Pipettes, Class A, With Individual Calibration Certificate-0.2 ml (Cat No. 7059P42)	Borosil	0.2ml	01				
62.	Mohr Pipettes, Class A, With Individual Calibration Certificate-1 ml (Cat No. 7059P01)	Borosil	1ml	01				
63.	Mohr Pipettes, Class A, With Individual Calibration Certificate-2 ml (Cat No. 7059P02)	Borosil	2ml	01				
64.	Mohr Pipettes, Class A, With Individual Calibration Certificate-5 ml (Cat No. 7059P05)	Borosil	5ml	01				
65.	Mohr Pipettes, Class A, With Individual Calibration Certificate-10 ml (Cat No. 7059P06)	Borosil	10ml	01				
66.	Mohr Pipettes, Class A, With Individual Calibration Certificate-25 ml (Cat No. 7059P09)	Borosil	25ml	01				
67.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 1 ml (Cat No. 7100001)	Borosil	1ml	01				
68.	Volumetric Pipette,	Borosil	2ml	01				

	Class A, With Individual Calibration Certificate- 2 ml(Cat No. 7100002)							
69.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 5 ml(Cat No. 7100005)	Borosil	5ml	01				
70.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 10 ml(Cat No. 7100006)	Borosil	10ml	01				
71.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 20 ml(Cat No. 7100008)	Borosil	20ml	01				
72.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 25 ml(Cat No. 7100009)	Borosil	25ml	01				
73.	Volumetric Pipette, Class A, With Individual Calibration Certificate- 50 ml(Cat No. 7100012)	Borosil	50ml	01				
74.	Boropure Glass Filtration Assembly With Silicone Stopper, 47 mm Assembly(Cat No. 5360029)	Borosil	47mm	01				
75.	Evaporating Disk	Borosil	75mm	01				

Annexure VI
(For Financial Bid of Plastic Ware)

4. LIST OF PLASTIC WARE

Sl. no	Plastic ware item	Make	Capacity/Size	Quantity	Actual Price	Quoted Price after Discount	Quoted Price including tax	Remark
1.	Wash Bottles, New Type, LDPE with PP Closure-500ml(Cat No. 561120)	Tarsons	500ml	6				
2.	Measuring Cylinder Class A-100 ml(Cat No. 343040)	Tarsons	100ml	1				
3.	Measuring Cylinder Class A-250 ml(Cat No. 343050)	Tarsons	250ml	1				
4.	Storage Vial-5 ml(Cat No. 523070)	Tarsons	5ml	10				
5.	Wide Mouth Bottol HDPE With PP Closure-30 ml(Cat No. 584200)	Tarsons	30ml	50				
6.	Dropping Bottles (LDPE)-120 ml(Cat No. 620020)	Tarsons	120ml	4				
7.	Conical Flask(PP Confirming to US FDA 21 CFR)-100 ml(Cat No.441110)	Tarsons	100ml	5				
8.	Conical Flask(PP Confirming to US FDA 21 CFR)-250 ml(Cat No.441120)	Tarsons	250ml	5				
9.	Beaker (PP Confirming to US FDA 21 CFR)-100ml(Cat No. 421020)	Tarsons	100ml	6				
10.	Beaker (PP Confirming to US FDA 21 CFR)-250ml(Cat No. 421040)	Tarsons	250ml	5				
11.	Beaker (PP Confirming to US FDA 21 CFR)-500ml(Cat No. 421050)	Tarsons	500ml	4				
12.	Retort Stand (PP/SS Rod)- (Cat No. 144010)	Tarsons	22 x 15 Side	2				
13.	Burette Clamp (PP Single)-(Cat No. 121100)	Tarsons		4				
14.	Test Tube Stand (RPP)- 8 Place (Cat No.202040)	Tarsons	25mm	2				
15.	Pasteur Pipette (LDPE confirming to US FDA 21 CFR)-3ml(Cat No. 940050)	Tarsons	3ml	20				
16.	Polygon Magnetic Stirrer Bar (PTFE) (Cat No.4142)	Tarsons	8 x 30mm	10				

17.	Pipette Rack Horizontal(Cat No. 162010)	Tarsons		1				
18.	Narrow mouth Bottle, PP with PP closure(Cat No. 582090)	Tarson	15ml	30 pc				
19.	Narrow mouth Bottle,PP with PP closure(Cat No. 582110)	Tarson	60ml	12 pc				
20.	Narrow mouth Bottle, PP with PP closure(Cat No. 582120)	Tarson	125ml	12 pc				
21.	Narrow mouth Bottle,PP with PP closure(Cat No. 582130)	Tarson	250ml	12 pc				
22.	Narrow mouth Bottle,PP with PP closure(Cat No. 582140)	Tarson	500ml	12 pc				
23.	Narrow mouth Bottle,PP with PP closure(Cat No. 582150)	Tarson	1000ml	12 pc				

Annexure VII
(For Financial Bid of Lab Consumables)

5. List of Miscellaneous Lab Consumables

Sl. No.	Item	Quantity	Actual Price	Quoted Price after Discount	Quoted Price including tax	Remark
1.	Tissue paper	Pack of 100				
2.	Rough filter paper	Pack of 100				
3.	Whattman-filter paper No 41	Pack of 100				
4.	Whattman-filter paper No 1	Pack of 100				
5.	Stirring glass rod	500 gm				
6.	Stainless steel Spatula	Pack of 10				
7.	Apron	2 pcs				
8.	Volumetric Flask washing brush	Pack of 10				
9.	Test tube brush	Pack of 10				
10.	Liquid Handwash	5 pkt				
11.	Liquid Detergent	1 pkt				
12.	Labeling Sticker	Pack of 100				
13.	Cotton cloth	Pack of 10				
14.	Butter paper	Pack of 100				
15.	Aluminium foil	1 roll				
16.	Pipette bulb	Pack of 10				
17.	Storage Cabinet (Iron) for storage of chemicals & glass wares	01				