**OPEN TENDER FOR SUPPLY OF ANALYTICAL GRADE CHEMICALS, GLASSWARES, PLASTIC WARES FOR THE LABORATORIES OFUTTARAKHAND POLLUTION CONTROL BOARD**

**FOR THE YEAR 2020-21**



**TENDER DOCUMENT**

**UTTARAKHAND POLLUTION CONTROL BOARD**

**46-B, SIDCUL,IT Park, SahastradharaRoad,Dehradun**

**Uttrakhand**

**UTTARAKHAND POLLUTION CONTROL BOARD**

**46-B, SIDCUL,IT Park, Sahastradhara Road,**

**Dehradun (U.K)-248001**

**SUBJECT:** **Annual Rate Contract for supply of Analytical grade Chemicals, Glassware’s, Plastic wares for the year 2020-21.**

**Cost of Tender document:** **Rs. 1000/- (One Thousand only)**

NAME OF THE FIRM:-----------------------------------------------------------------------------------

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ADDRESS OF THE FIRM & PHONE NO:---------------------------------------------------------

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1. **Date of publication of tender notice : 28-07-2020**
2. **Last date andtime for sale of tender document : 12-08-2020**
3. **Date and time of pre bid meeting : 22-08-2020**
4. **Last date andtime for submission of tender form : 28-08-2020**
5. **Date andtime of opening of technical bid. : 31-08-2020**
6. **Date and time of opening of financial bid : 10-09-2020**

[S.S. Pal]

Chief Environment Officer

Uttarakhand Pollution Control Board

**UTTARAKHAND POLLUTION CONTROL BOARD**

**46-B, SIDCUL,IT Park, Sahastradhara Road,**

**Dehradun (U.K)-248001**

**NOTICE INVITING OPEN TENDER**

Sealed Tender for Annual Rate Contract are invited from the Manufactures, authorized distributors/dealers/agents. who are authorized by the manufacturing firm in Indiamust submit their proposal with proper authorization letter issued by the manufacturer along with their offer of discount on their price list.

A certificate to this effect may also be submitted that the discount offered by them is not less than what is being offered to any other Govt. Organization/Institutions under the ARC. The sole authorize distributor should enclose their sole authorization letter.

Non-transferable Tender documents for Annual Rate Contract can be obtained from office of Uttarakhand Pollution Control Board, 46 B, IT Park Shashtradhara Road, Dehradunon payment of Rs.1000/- (One Thousand only) the tender document can be download from Board site www.ueppcb.uk.gov.in. In case of download Tender document, Draft may be prepared in favour of Uttarakhand Pollution Control Board, Dehradunsubmitted alongwith Tender Document. The tender document received without cost will berejected. The sealed Tender Document must be reach in the Uttarakhand Pollution Control Board, 46-B, SIDCUL, IT Park, Sahastradhara Road, Dehradun.

An amount of **Rs. 10,000/- (TenThousand only)** towards Earnest Money Deposit (EMD) should be deposited in the form of crossed Demand Draft payable to Uttarakhand Pollution Control Board Dehradun. The tenders of the firms/dealers who do not deposit EMD in the above said manner is liable to be rejected. Incomplete tenders received after the due date and time will not be accepted. The tender sent by post, received after due date and time will also not be accepted.

The Uttarakhand Pollution Control Boardreserves the right to reject any or all tenders without assigning any reason thereof. No correspondence shall be entertained in this regard.

[S.S.Pal]

Chief Environment Officer

**UTTARAKHAND POLLUTION CONTROL BOARD**

**46-B, SIDCUL,IT Park, Sahastradhara Road,**

**Dehradun (U.K)-248001**

**ANNUAL RATE CONTRACT FOR SUPPLY OF**

**ANALYTICAL GRADE CHEMICALS/GLASSWARES/PLASTICWARES**

Terms & Conditions of Rate Contract

1. That the freight, insurance charges, if any will not be borne by the purchaser. Similarly shortage, pilferage in transit will be the sole responsibility of the supplier and the same will be intimated to the supplier on receipt of goods by the purchaser to make good the loss caused on this account. The defective supply will have to be replaced by the supplier within 7 days without freight/transport charge.
2. That the delivery/supply will be made on F.O.R. basis to this office and Regional Laboratories at Kashipur and Roorkee by road transport or passenger train.
3. GST will be paid as applicable.
4. That the delivery of goods will be taken at the risk and cost of the supplier fromrailway/transport.
5. That the supply of material will have to be completed one week from date of issue of purchaseorder. The liquidated charges @0.5% per week shall be imposed if supply made after expiry of delivery period subject to maximum 5% of the total value of goods/contract value.
6. The firm must clearly mention that the billing for supply of material will be done by them directly, or by their authorized dealer (s).
7. The Annual Rate Contract (ARC) will be effective for one year and can be extended if it is agreed mutually by both parties.

1. The firm should submit the list of Govt. Deptt/Organizations/Institutions, with which they have Rate Contract of Chemicals, Glasswares, and Plasticwares during the last five years. The firm will supply the material as per purchase order and short supply of material will not be accepted in any circumstances.
2. No revision in rate (on higher side) will be accepted during contract period.
3. That the order will be placed as per requirement irrespective of value of the order.
4. The firm may supply the required items as per unit price mentioned in the price list.
5. Supply should be made in full against the order and shortage will be procured on the risk and cost of the supplier.
6. No payment will be made for unsatisfactory/damaged supply of good.
7. The perishable store and the rejected material must be replaced free of cost by the Manufacturer firm supplier immediately.
8. The articles should be securely packed to avoid damages etc. in transit.
9. Supply should be made from the latest batch of production with the maximum life period and of original packing.
10. Pre-receipted bills should be sent along with goods.
11. The bills may be prepared in the name of the Uttarakhand Pollution Control Board.
12. The Competent authority of the Board reservesthe right to cancel the rate contract without assigning any reason thereof.
13. Bidders qualifying the technical bid (based on the documents submitted) will be intimated to submit the samples within a stipulated time period before opening of Price bid.
14. No advance payments towards cost of chemicals and glasswares will be made to thetenderer.
15. No claims shall be made against the Uttarakhand Pollution Control Board in respect of interest on earnest money deposit or any delayed payment.
16. The price of the items should be quoted inclusive FOR destination. The GST should be quoted in a separate column. The rate should be quoted for ***each item*** both in figures and wordsalong with rebate in % for Chemicals/Glasswares.
17. Printed price list (Hard Copy) 2020-21 may be furnished in bound form. An undertaking may be given that the price list being furnished with the proposal will remain valid for the current rate contract. Photocopy of the price list in spiral binding will not be accepted.

[S.S.Pal]

Chief Environment Officer

#### The following documents should be enclosed in Cover “A” (Technical Bid) and Cover “B” (Financial Bid) by the tenderer. All the photocopies are to be self-attested.

#### TECHNICAL BID - COVER – A

1. Checklist with detail of the documents enclosed in **Cover “A”** as per **Annexure-01**with page number.
2. List of Item (s) Quoted with name of the Manufacture as per **(Annexure –02)**
3. Tender document fee of Rs.1000/- in shape of DemandDraft.
4. Earnest Money Deposit of Rs10,000/- in shape of DemandDraft
5. Details of the tenderer & local contact person. **(Annexure -03).**
6. The declaration form as per **Annexure - 04**duly signed by the tenderer before Notary Public / ExecutiveMagistrate.
7. Manufacturer’s Authorization Format as per **Annexure –05**(In case the bidder is not the manufacturer)
8. Annual turnover statements. (as per**Annexure –06)**
9. Copy of Valid product standard certificate
10. Copy of Valid Manufacturing License of the manufacturer
11. Copy of valid GST registrationcertificate.

12.Copy of valid PANcertificate.

13. The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal dulyaffixed.

#### FINANCIAL BID- COVER – B

1. The tender format giving the quoted rate for Lab analytical grade chemicals &Glasswares. should be sent in a separate sealed cover hereafter called **Cover “B” (Price Bid).**Cover –B (Price Bid) will be opened only of the tenderers who qualifyin Technical Bid.
2. Price schedule :- The price of the items should be quoted excluding GST the GST should be quoted in a sperate colum. The rate should be quoted for ***each item*** both in figures and words along with rebate in % for Chemicals/Glassware as per prise schedule annexure at **Annexure-07.**
3. The Cover “B” of successful tenderers who qualifies in their technical bid will be opened at the office Uttarakhand Pollution Control Board in the presence of the tenderers or their authorizedrepresentatives if tenderers wish to attend.

**ANNEXURE - 1**

**CHECK LIST**

(To be submitted in **Technical Bid**)

**Note: The documents has to be arranged serially as per the order mentioned in the check list**

**COVER – A (TECHNICAL BID)** DOCUMENT : SUBMITTED YES OR NO

|  |  |  |
| --- | --- | --- |
| 1. | List of Item (s) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | Tender documentFee | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | Earnest MoneyDeposit |  |
| 4. | Details of Manufacturing Unit/Contract person Liaisioning agent | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | Declaration form signed by the Tenderer & affidavit before Notary Public/ Executive Magistrate | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | Manufacturer’s Authorization Format | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. | Proof of avg. Annual turnover of Rs. 02 Crore or more for preceding 3 financial years. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | Copy of valid GMP Certificate | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 9. | GST Copy | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 10. | Copy of Manufacturing License | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 11. | Copy of Valid ISO 13485 Certificate | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 12. | Photocopy of PAN | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 13. | Copy of original Tender, duly signed by the Tenderer | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**ANNEXURE – 2**

(To be submitted in Cover A – Technical Bid)

**LIST OF ITEM (S) QUOTED**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.** | **Name of Item (s)** | **Specification** | **Name of Manufacturer** | **Remarks** |
|  |  |  |  |  |
|  |  |  |  |  |
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**Signature of the Tendered :**

**Date :**

**Official Seal :**

**ANNEXURE – 3**

(To be submitted in Cover A – Technical Bid)

**DETAILS OF THE TENDERER & LOCAL CONTACT PERSON**

|  |  |  |
| --- | --- | --- |
|  | **Corporate Office (The address in which the purchase orders and payment details will**  **be communicated)** | **Local Contact Person/Branch Office/Zonal Office** |
| Name & Full Address |  |  |
| Telephone Nos & Landline |  |  |
| Mobile |  |  |
| Fax |  |  |
| E – Mail |  |  |

**Signature of the Tendered :**

**With Seal**

**Date :**

**Official Seal :**

**ANNEXURE – 4**

(To be submitted in Cover A- Technical Bid)

**DECLARATION FORM**

I/ We ……………………………………………………….................. havingMy/ our………………………………………………………………………………………..office at…………………………………………………………….do declare that I / We have carefullyreadalltheterms&conditionsoftenderofthe , for the supply of Laboratory Chemicals and Glassware. The approved rate will remain valid for a period of one year from the date of approval. I will abide with **all the terms & conditions** set forth in the **Tender Referenceno.**

I/We do hereby declare I/We have not been de-recognized / black listed by any State Govt. / Union Territory / Govt. of India / Govt. Organization / Govt. Health Institutions for supply of Not of Standard Quality (NSQ) items / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and blacklist me/us for a period of 2 years if, any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

Signature ofthebidder :

Seal Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

**ANNNEXURE – 5**

(To be submitted in Cover A – Technical Bid)

**MANUFACTURER’S AUTHORISATION FORMAT**

To,

UTTARAKHAND POLLUTION CONTROL BOARD

46-B, SIDCUL, IT Park, Sahastraddhara Road,

Dehradun (U.K.) - 248001

Ref: Tenderr No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Dated \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Dear Sir,

We, -------------------------------------------------are the manufacturers of ------------------------------------------(name of Chemicals &Glasswares having factories at ------------------------------------------------------------------.

1. Messrs -------------------------------------------(name and address of the agent) is our authorized agent for sale and supply of ----------------------------------(name of Chemicals, Glasswares, etc).
2. We confirm that messrs -------------------------------------(name of the above agent) is authorized to submit a tender, and enter into a contract with for the above items manufactured by us.
3. We will provide test reports of supply items, if required by the purchaser.

Yours faithfully,

-----------------------------------------

-----------------------------------------

(Signature with date, name and designation)

For and on behalf of Messrs ---------------------------------

(Name & address of the manufacturers)

Seal

Note:

1. This letter should on the ***letterhead*** of the ***manufacturer*** and should be signed by a person having the power of attorney to legally bind the manufacturer.
2. Original letter shall be attached to be the technical bid.

**ANNEXURE – 6**

(To be submitted in **Cover A – Technical Bid)**

(To be furnished in the ***letter head*** of the Auditor)

**ANNUAL TURN OVER STATEMENT**

The Annual Turnover for products of M/s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_who is a manufacturing unit/Authorized distributor for the last 03 years are given below and certified that the statement is true and correct.

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Year** | **Turnover in Crores (Rs.)** |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |

|  |
| --- |
| Average Annual Turnover (for the above three years) in Crores (Rs.)\_\_\_\_\_\_\_\_\_\_\_ |

Date : Signature of Auditor/

Place: Chartered Accountant

(Name in Capital)

Membership No. –

Registration No. of firm

**Note:**

1. To be issued in the ***letter head*** of the Auditor.
2. ***Separate certificates*** should be furnished for different manufacturer in case the bidder is quoting products of different manufacturers.

**ANNEXURE-07**

( PRICE SCHEDULE)

**List of the Analytical Grade chemicals**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SI No. | Name of the Chemicals | Unit/Pack size | Specification | Name of the Manufacture | Rate/ unit | GST | Total Price | Rebate  % |
| 1 | Manganese sulphate (Monohydrate) AR | 500gm |  |  |  |  |  |  |
| 2 | Sodium hydroxide AR | 500gm |  |  |  |  |  |  |
| 3 | Sodium iodide AR | 250gm |  |  |  |  |  |  |
| 4 | Sodium azide AR | 500gm |  |  |  |  |  |  |
| 5 | Conc. Sulfuric acid | 2.5ltr |  |  |  |  |  |  |
| 6 | Sulfuric acid N/50 | 500ml |  |  |  |  |  |  |
| 7 | Sulfuric acid N/10 | 500ml |  |  |  |  |  |  |
| 8 | Soluble starch powder (EX POTATO) AR | 500gm |  |  |  |  |  |  |
| 9 | Salicylic acid AR | 500gm |  |  |  |  |  |  |
| 10 | Sodium thiosulfate pentahydrate AR | 500gm |  |  |  |  |  |  |
| 11 | Potassium bi-iodate | 500gm |  |  |  |  |  |  |
| 12 | Standard pH buffers i.e (4.0, 7.0 and 9.2 pH) | 500ml each |  |  |  |  |  |  |
| 13 | Potassium chloride AR | 500gm |  |  |  |  |  |  |
| 14 | Potassium nitrate AR | 500gm |  |  |  |  |  |  |
| 15 | Chloroform AR | 500ml |  |  |  |  |  |  |
| 16 | Conc. Hydrochloric acid AR | 2.5ltr |  |  |  |  |  |  |
| 17 | 85% phosphoric acid | 500ml |  |  |  |  |  |  |
| 18 | Sulfanilamide AR | 500gm |  |  |  |  |  |  |
| 19 | N-(1-naphthyl)-ethylenediamine dihydrochloride [NEDA] AR | 25gm |  |  |  |  |  |  |
| 20 | Sodium oxalate AR | 500gm |  |  |  |  |  |  |
| 21 | Ferrous ammonium sulphate hexahydrate AR | 500gm |  |  |  |  |  |  |
| 22 | Sodium nitrite AR | 500gm |  |  |  |  |  |  |
| 23 | Potassium permanganate AR | 500gm |  |  |  |  |  |  |
| 24 | Lauryl tryptose(lactose) broth | 500gm |  |  |  |  |  |  |
| 25 | brilliant green lactose bile broth | 500gm |  |  |  |  |  |  |
| 26 | EMB Agar | 500gm |  |  |  |  |  |  |
| 27 | EC broth | 500gm |  |  |  |  |  |  |
| 28 | EC-MUG medium |  |  |  |  |  |  |  |
| 29 | Azide dextrose broth | 500gm |  |  |  |  |  |  |
| 30 | Bile EsculineAzide Agar plate | 50 plates |  |  |  |  |  |  |
| 31 | Phenolphthalein indicator 1% AR | 125ml |  |  |  |  |  |  |
| 32 | Methyl orange AR | 125ml |  |  |  |  |  |  |
| 33 | Potassium chromate AR | 500gm |  |  |  |  |  |  |
| 34 | Silver nitrate AR | 500gm |  |  |  |  |  |  |
| 35 | Sodium chloride AR | 500gm |  |  |  |  |  |  |
| 36 | Murexide (ammonium purpurate) indicator AR | 25gm |  |  |  |  |  |  |
| 37 | EDTA N/50 | 500ml |  |  |  |  |  |  |
| 38 | EDTA powder AR | 500gm |  |  |  |  |  |  |
| 39 | Anhydrous boric acid AR | 500gm |  |  |  |  |  |  |
| 40 | Carmine reagent | 500ml |  |  |  |  |  |  |
| 41 | Potassium dichromate AR | 500gm |  |  |  |  |  |  |
| 42 | Silver sulphate AR | 100gm |  |  |  |  |  |  |
| 43 | Ferroin indicator solution AR | 100ml |  |  |  |  |  |  |
| 44 | Mercuric sulfate AR | 250gm |  |  |  |  |  |  |
| 45 | Sulfamic acid AR | 500gm |  |  |  |  |  |  |
| 46 | Potassium hydrogen phthalate | 500gm |  |  |  |  |  |  |
| 47 | Sodium tetraborate [Na2B4O7] AR | 500gm |  |  |  |  |  |  |
| 48 | Potassium sulfate AR | 500gm |  |  |  |  |  |  |
| 49 | Methyl Red indicator solution | 125ml |  |  |  |  |  |  |
| 50 | Ethyl Alcohol | 500ml |  |  |  |  |  |  |
| 51 | Methylene Blue | 125ml |  |  |  |  |  |  |
| 52 | Digestion reagent | 500ml |  |  |  |  |  |  |
| 53 | Zinc sulphate AR | 500gm |  |  |  |  |  |  |
| 54 | Rochelle salt AR | 500gm |  |  |  |  |  |  |
| 55 | Mercury iodide [HgI2] AR | 100gm |  |  |  |  |  |  |
| 56 | Potassium iodide [KI] AR | 500gm |  |  |  |  |  |  |
| 57 | Ammonium chloride AR | 500gm |  |  |  |  |  |  |
| 58 | Potassium chloroplatinate AR | 1gm |  |  |  |  |  |  |
| 59 | Cobaltous chloride AR | 500gm |  |  |  |  |  |  |
| 60 | Ammonium molybdate AR | 100gm |  |  |  |  |  |  |
| 61 | Stannous chloride AR | 500gm |  |  |  |  |  |  |
| 62 | Benzene AR | 500ml |  |  |  |  |  |  |
| 63 | Isobutyl alcohol AR | 500ml |  |  |  |  |  |  |
| 64 | Methyl alcohol AR | 500ml |  |  |  |  |  |  |
| 65 | Glycerol AR | 500ml |  |  |  |  |  |  |
| 66 | Ammonium buffer solution | 500ml |  |  |  |  |  |  |
| 67 | EBT [Eriochrome Black T] AR | 25gm |  |  |  |  |  |  |
| 68 | Hydrazine sulfate AR | 100gm |  |  |  |  |  |  |
| 69 | Hexamethylene tetramine AR | 500gm |  |  |  |  |  |  |
| 70 | Sodium Fluoride AR | 500gm |  |  |  |  |  |  |
| 71 | SPADNS Reagent AR | 1gm |  |  |  |  |  |  |
| 72 | Zirconyl Chloride Octahydrate AR | 100gm |  |  |  |  |  |  |
| 73 | Sodium Arsenite AR | 250gm |  |  |  |  |  |  |
| 74 | Magnesium Chloride Hexahydrate AR | 500gm |  |  |  |  |  |  |
| 75 | Sodium Acetate Anhydrous AR | 500gm |  |  |  |  |  |  |
| 76 | Acetic Acid AR | 500ml |  |  |  |  |  |  |
| 77 | Sodium Sulphate Anhydrous AR | 500gm |  |  |  |  |  |  |
| 78 | Barium Chloride AR | 500gm |  |  |  |  |  |  |

**List of the Glasswares**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of the Glasswares** | **Unit/Pack size** | **Specification** | **Name of the Manufacture** | **Rate/ unit** | **GST** | **Total Price** | **Rebate**  **%** |
| 1 | BOD bottle | 300ml |  |  |  |  |  |  |
| 2 | Measuring Cylinder | 10 ml, 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml |  |  |  |  |  |  |
| 3 | Pipet | 0.02 ml, 0.05 ml, 0.1 ml, 0.2 ml, 1 ml, 2 ml, 5 ml, 10 ml |  |  |  |  |  |  |
| 4 | Conical flask | 100ml ,250ml, 500ml, 1000ml |  |  |  |  |  |  |
| 5 | Beurate | 50ml, 100ml |  |  |  |  |  |  |
| 6 | Dropper | - |  |  |  |  |  |  |
| 7 | Bottle brush | Small, Medium & Large |  |  |  |  |  |  |
| 8 | Volumetric flask | 250ml, 500ml, 1000ml |  |  |  |  |  |  |
| 9 | Beakers | 10 ml, 50ml, 100ml, 500 ml, 1000 ml |  |  |  |  |  |  |
| 10 | Glass-Stoppered borosilicate glass bottle | 250ml, 500ml, 100ml |  |  |  |  |  |  |
| 11 | Glass wool plug | - |  |  |  |  |  |  |
| 12 | Hot plate | - |  |  |  |  |  |  |
| 13 | Test tubes | 27 ml |  |  |  |  |  |  |
| 14 | Inverted vial / Dram's Tubes | 3-3.5 mm diameter loop |  |  |  |  |  |  |
| 15 | Petridish | 50\*12mm, 80\*15mm, 90\*15mm |  |  |  |  |  |  |
| 16 | Test tube Rack /stand | - |  |  |  |  |  |  |
| 17 | Foreceps | - |  |  |  |  |  |  |
| 18 | Test tubes with Cap /Lead | - |  |  |  |  |  |  |
| 19 | MPN Bottle | 125 ml |  |  |  |  |  |  |
| 20 | Spatulas | 1 end flat & 1 end spoon-8 inch Size |  |  |  |  |  |  |
| 21 | Inoculated tubes | 27 ml |  |  |  |  |  |  |
| 22 | Centrifuge tube | - |  |  |  |  |  |  |
| 23 | Refluxing Flask | 250ml, 500ml |  |  |  |  |  |  |
| 24 | Glass beades | - |  |  |  |  |  |  |
| 25 | Kjeldahl flask | 100ml, 500ml |  |  |  |  |  |  |
| 26 | Distillation apparatus for TKN | - |  |  |  |  |  |  |
| 27 | Nessler tubes- | 50ml Tall Form |  |  |  |  |  |  |
| 28 | Filter paper | whatmann no. 42 or equivalent. |  |  |  |  |  |  |
| 29 | pipetting Bulb | 0.1 ml, 0.2 ml, 1 ml, 2 ml, 5 ml, 10 ml |  |  |  |  |  |  |
| 30 | Sample tubes (Clear colorless glass) |  |  |  |  |  |  |  |
| 31 | Filter Paper whatman | GF/C 125mm |  |  |  |  |  |  |
| 32 | Funnel | 50mm, 75mm, 100mm |  |  |  |  |  |  |
| 33 | Sample dish made of Porcelain or platinum or high silica glass | Approximately 90mm diameter & 100ml capacity |  |  |  |  |  |  |
| 34 | Wide bore pipetes class B in glass | - |  |  |  |  |  |  |
| 35 | Graduated cylinders Class A | - |  |  |  |  |  |  |
| 36 | Glass fiber filter disk | 22-125 diameter |  |  |  |  |  |  |
| 37 | Filteration Apparatus: Membrane filter funnel | 50mm, 75mm, 100mm |  |  |  |  |  |  |
| 38 | Suction flask | 100ml, 250ml, 500ml |  |  |  |  |  |  |
| 39 | Weighing dishes or Pans Constructed of Aluminium | - |  |  |  |  |  |  |
| 40 | Funnel | 50mm, 75mm, 100mm |  |  |  |  |  |  |
| 41 | Measuring spoon | 0.2 to 0.3ml Capacity |  |  |  |  |  |  |

**Signature of the bidder**

**Name :**

**Seal**

**Date :**

**Place:**