N**o.F.2-1/2020-Admin-II[NCLB]**

**Government of Pakistan**

**Drug Regulatory Authority of Pakistan**

Ministry of National Health Services, Regulations & Coordination

T.F. Complex, 7-Mauve Area, G-9/4, Islamabad.

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**Invitation to Bid**

Drug Regulatory Authority of Pakistan (DRAP), Islamabad invites sealed bids from renowned firms/ distributors/ suppliers registered with Income Tax/ Sales Tax Departments for **“Supply of Lab Chemicals, Glassware, Consumable Items etc. for National Control Laboratory for Biologicals (NCLB), Islamabad during the FY 2022-23”** using **“Single Stage-Two Envelope”** bidding procedure under Rule 36(b) of Public Procurement Rules, 2004. The firms/ distributors/ suppliers must have Active Tax Payer’s status on FBR website (ATL List).

Tender documents containing detailed terms & conditions are available on [www.dra.gov.pk](http://www.dra.gov.pk) and [www.ppra.org.pk](http://www.ppra.org.pk) for free download and can also be obtained from DRAP during office hours. Financial Bids should accompany with a **Bid Security amounting to Rs.50,000/-** in the form of Call Deposit/ Bank Draft (refundable) drawn in favor of Drug Regulatory Authority of Pakistan, Islamabad**.**

Sealed tenders, prepared in accordance with instructions in the tender documents, must reach the office of undersigned at the given address latest by **2nd March 2023 at 1100 hours**, which will be opened the same day at 1130 hours in the Committee Room of DRAP Head Office, Islamabad.

Rabnawaz Khan

Assistant Director (Admin-III)

Phone: 051-9107320

**TENDER DOCUMENT**

**Supply of Lab Chemicals, Glassware, Consumable Items etc. for National Control Laboratory for Biologicals (NCLB), Islamabad during the FY 2022-23**



**Drug Regulatory Authority of Pakistan (DRAP)**

TF Complex, 7-Mauve Area, G-9/4, Islamabad

**CHECKLIST FOR ELIGIBILITY OF BIDDERS**

|  |  |  |
| --- | --- | --- |
| **Sr.** | **Description** | **Requirement** |
|  | Bid Security/ Earnest Money (Pay Order/ Bank Draft) | **Mandatory** |
|  | Technical Bid/ Application **(Form No.1)** | **Mandatory** |
|  | Financial Bid /Quotation (***Form No. 2****)* | **Mandatory** |
|  | GST/ NTN Registration Certificate of Firm | **Mandatory** |
|  | Printed Copy of Active Taxpayer List (ATL) | **Mandatory** |
|  | **Proof of Non-Blacklisting:**  Affidavit on Stamp paper of appropriate value (duly attested from notary public) that the firm/company is neither blacklisted nor in litigation with any Government organization. | **Mandatory** |
|  | **Detailed Specifications of Chemicals/ Reagents** (indicating the make, grade & certificate of analysis, where applicable) | **Mandatory** |

**Criteria for Evaluation of Tenders and Award of Contract:**

* Technical Bids of the firms/ companies will be evaluated for 100% compliance to above eligibility criteria. Non-compliance with any of the given conditions will result into rejection of bids.
* Financial bids of technically responsive bidders (those who comply with the eligibility criteria) will be opened on date & time to be communicated to the bidders in advance.
* Financial bids will be evaluated on item-wise lowest-price basis and a comparative statement of rates will be prepared.
* The most advantageous bid i.e. lowest tender price will be considered for award of contract/ purchase order.

***GENERAL TERMS & CONDITIONS***

|  |  |
| --- | --- |
| 01) | **SINGLE STAGE-TWO ENVELOPE BIDDING PROCEDURE** under rule 36(b) of Public Procurement Rules, 2004 shall be followed, summarized as under:   * First envelope should contain Technical Proposal only and be clearly marked as **“TECHNICAL PROPOSAL”** * Second envelope should contain **FINANCIAL PROPOSAL** (Quotation) along with Bid Security/ Earnest Money amounting to Rs.**50,000/-** in shape of pay order/Demand Draft (Refundable) drawn in favor of **Drug Regulatory Authority of Pakistan, Islamabad.** * Both envelopes should be sealed separately and placed in a third envelope duly marked/ labelled as Proposal for **“Supply of Lab Chemicals, Glassware, Consumable Items etc. for National Control Laboratory for Biologicals (NCLB), Islamabad during the FY 2022-23”**. * The Name of bidder to be clearly written on all envelopes. |
| 02) | Bidding documents can be obtained from Admin-III Section, DRAP, Islamabad before closing date during working hours (Monday-Friday 8:00 AM to 4:00 PM) on payment of tender document fee of **Rs.500/=** each set. (Non-Refundable) and can be downloaded free of cost from www.dra.gov.pk or www.ppra.org.pk. |
| 03) | Tender/ Bids prepared in accordance with these instructions should reach the procuring agency on or before closing date & time mentioned in tender notice. The tenders will be opened in the presence of representatives of the firms in the office of Drug Regulatory Authority of Pakistan (DRAP), T.F. Complex, 7-Mauve Area, G-9/4, Islamabad on date & time as mentioned in tender notice. |
| 04) | The bids/ rates shall be valid for 90 days from the date of opening of bids. |
| 05) | The offers of bid must be typed on letter head of applicant company/ firm (offers on white paper will not be accepted). |
| 06) | The Prices / Quotations of firms shall be inclusive of service charges and all applicable taxes and duties. |
| 07) | The bidders in the technical bid shall attach the requisite documents i.e. photocopies of NTN & GST Registration Certificate, Proof of Active Taxpayer’s Status, Affidavit for non-blacklisting/ non-litigation, detailed specifications/ original literature of items including make, grade & certificate of analysis (where applicable). |
| 08) | There shall be no increase in prices on any count during the period of bid validity. |
| 09) | Late, incomplete and/ or conditional bids shall not be accepted. |
| 10) | The bidders shall provide samples of items for inspection by the NCLB at NCLB, Chak Shahzad, Islamabad. |
| 11) | DRAP reserves the right to reject any or all bids as per Rule 33 of Public Procurement Rules, 2004. |
| 12) | The bidder shall clearly indicate the prices along with the Make/Grade/Brand & Country of Origin. |
| 13) | **“Tender is also available at PPRA Website** ([www.ppra.org.pk](http://www.ppra.org.pk)) and DRAP Website [www.dra.gov.pk](http://www.dra.gov.pk). |

**FORM-I**

**Letter of Application**

**(THIS FORM IS TO BE PROVIDED WITH THE TECHNICAL BID)**

*[Letterhead paper of the Applicant firm/ company including full postal address, telephone Nos. fax nos., telex nos., cable and e-mail address]*

Date:................................

To: **The Assistant Director (Admin-III)**

Drug Regulatory Authority of Pakistan

T.F. Complex, 7-Mauve Area, G-9/4,

Islamabad.

Sirs,

1. Being duly authorized to represent and act on behalf of M/S ................................... (hereinafter “the Applicant”), and having reviewed and fully understood all the information provided, the undersigned hereby submit this tender/ bid for **“Supply of Lab Chemicals, Glassware, Consumable Items etc. for National Control Laboratory for Biologicals (NCLB), Islamabad during the FY 2022-23”,** which is strictly in accordance with the terms and conditions of tender document and fully in compliance with the specifications of items (statement of compliance to specifications is **given hereunder**).

2. Attached to this letter are copies of original documents defining:

1. the Applicant's legal status (business registration/ incorporation certificate);
2. Tax Registration Certificate (NTN & GST)
3. Filer Status/ Active Taxpayers Status (ATL)
4. Affidavit for non-blacklisting by any Government organization/ non-litigation
5. Detailed specifications/ original literature of items including make, grade & certificate of analysis (where applicable)

3. Your Agency and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application/ bid form. This Letter of Application will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves or the authorized representative to verify statements and information provided in this application, or with regard to the resources and competence of the Applicant.

4. Your Agency and its authorized representatives may contact the following persons for further information, if needed.

|  |  |
| --- | --- |
| **Owner(s)/ Chief Executive of the Business/ firm** | |
| Name of Owner/ CEO: | **Other Partners:**  Name Partner 1:  CNIC:  Name Partner 2:  CNIC:  Name Partner 3:  CNIC: |
| CNIC Number: |
| Phone Number: |

|  |  |
| --- | --- |
| **Technical Inquiries related to the bid/ tender** | |
| Contact 1 | Telephone 1 |
| Contact 2 | Telephone 2 |

5. This application is made with the full understanding that:

(a) bids by applicants will be subject to verification of all information submitted for qualification at the time of bidding;

(b) your Agency reserves the right to:

1. amend the scope and quantity of any item/ service under this contract; and
2. Reject any bid of firms/ companies who did not apply for all the tender items/ services;
3. reject or accept any bid, cancel the bidding process, and

(c) your Agency shall not be liable for any such actions at Sr. No. 5 above and shall be under no obligation to inform the Applicant of the grounds for actions.

(d) your Agency shall not be liable for consequence of, and shall be under no obligation to inform the applicant of the grounds for, actions taken under para 5(b) hereabove.

6. We hereby submit the specifications of supplies/ item(s) as under, which fully comply with the required specifications of the procuring agency:

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Specifications Required** | | **Specifications offered by the Bidder Company** |
| **Item** | **Description/ Specification requirements (URS)** |
|  | Ampoule Cutter  Vial Decaper | Ampoule and vial cutter (Two in one) made of Stainless steel.  Size of cutter must be from small size ampoule/Vial to 100 ml Vial. |  |
|  | Indicator Tape for Autoclave | Self-adhesive  Stick on different surfaces plastic, Metal, Paper etc  Resistant to heat and moisture  Yellow Printed strip turn to any other color after sterilization. |  |
|  | Powder Free gloves (Rubber quality, Sterile) | Medium Size of 8-1/2 to 9 inches  Minimum thickness of 0.05mm  Powder-free  Must be sterile  Nitrile (preferable)  Rubber quality |  |
|  | Powder Free gloves (Rubber quality, Non sterile) | Medium Size of 8-1/2 to 9 inches  Minimum thickness of 0.05 mm.  Powder-free  Nitrile (preferable)  Rubber quality |  |
|  | Surgical Mask | Blue color, Three Ply (must have filter paper inside)  Ear Elastic loop  Adult size  Meet regulatory requirements (ASTM F2100, EN 14683)  Meet requirements of airborne Particles and bacterial filtration  Breathability  Fluid resistant |  |
|  | Shoe cover  (Plastic) | Disposable  Blue color  Medium/ Standard size or  370 x 165 mm  Rubber elastic  Ultrasonic slitting |  |
|  | Syringes 1mL | Non-toxic,  Sterile and Pyrogen-free,  29GX1/2'or30GX1/2' (needle specs.)   U-100, UNIT-BODY |  |
|  | Syringes 3mL | Gauge 23 (needle specs.)  Leak proof seal  Disposable manual lockable  Sterile  Pyrogen free. |  |
|  | Syringes 5mL | Gauge 23 (needle specs.)  Leak proof seal  Disposable manual lockable  Sterile  Pyrogen free. |  |
|  | Syringes 10mL | Syringes with standard Needle  Disposable and in plastic quality  Sterile and pyrogen free. |  |
|  | Chloroxylenol 4.8% W/V | Chloroxylenol 4.8% W/V |  |
|  | Rectified Spirit | More than 90% purity (v/v)  Clear, colorless solution. |  |
|  | Sodium Hypochlorite | Sodium hypochlorite Lab Grade |  |
|  | Isopropyl Alcohol 70% | Meet USP specification(s). |  |
|  | PPE for sterility test (Autoclavable) | Blue in Color  Must be Autoclavable (Extreme heat resistant)  Cover full body  Must be lint free |  |
|  | Fine Surgical Scissors (Medium size) | Pure Stainless Steel  Straight with Sharp/ Blunt points.  Medium Size |  |
|  | Spray Bottles | High quality plastic  500 to 1200 mL volume capacity  Adjustable Spray nozzle |  |
|  | Potassium Chloride (100 grams) | Meet USP specification (for chromatographic test/ analysis). |  |
|  | Test Tube  For Bacterial Endotoxin Testing (BET) | Polystyrene disposable test tube with cap  Round bottom  10X75 mm  Sterile  Pyrogen free. |  |
|  | LAL Test lysate  (Gel Clot) | Lysate sensitivity of 0.125  Sterile  Lyophilized. |  |
|  | LAL Water | Endotoxin Free or  <0.005 EU/ml |  |
|  | Positive Control of Endotoxin (CSE) | Derived from Non pathogenic strain  Lyophilized. |  |
|  | Anti-Tetanus Serum (Equine Origin) for LF Test | Non WHO Reference Material  Tetanus Antitoxin Equine for the Flocculation Test  NIBSC code: 66/021  Strength 1400 IU/ml  Storage at Temperature -20oC. |  |
|  | Standard tetanus toxoid for LF test. | Tetanus Toxoid (Non-Adsorbed)  Product number 02/232  Non WHO Reference Material by NIBSC, UK. |  |
|  | Anti-Diphtheria Serum for flocculation test | Diphtheria Antitoxin for Flocculation Test,  4th British Reference Preparation (Est. 1963)  NIBSC code: 63/007. |  |
|  | Standard diphtheria toxoid for LF test. | 3rd IS for Diphtheria Toxoid for use in Flocculation Test  NIBSC code: 13/212. |  |
|  | 10X Eagle’s MEM (Minimum essential medium) | 500 mL MEM in Liquid form  Storage Temperature is 2 to 8o C.  Sterile.   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. |  |
|  | Fetal Bovine Serum  (500 mL) | 500 mL Fetal Bovine Serum in liquid form  Heat inactivated  Sterile  Mycoplasma tested  Cell culture tested  Storage Temperature -20oC   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. |  |
|  | L-Glutamine (200 mL) | Strength 29 mg/ml  Sterile filtered  Animal Cell culture tested  Storage Temperature -20oC   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. |  |
|  | Amphotericin-B | Strength 250 ug/mL  Liquid form  Only for in-vitro Testing  Storage Temperature -20oC  Sterile  Must pass the QC and microbiological testing for growth inhibition of fungi. |  |
|  | Non-Essential Amino –Acid 200 mL) | Storage temperature 2-8oC.   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. * Must comply with physiological osmotic pressure and pH. |  |
|  | Phenol Red (200 mL) | 0.5% liquid  Sterile-filtered  Suitable for cell culture |  |
|  | Fungizone | Strength 250 ug/mL  Liquid form  Cell culture tested  Storage Temperature -20oC |  |
|  | Trypsin 1 X (200 mL) | Strength 0.5g Porcine trypsin-  0.2 g EDTA  Sterile  Cell culture tested  Storage Temperature -20oC  Strength 0.5g Porcine trypsin-  0.2 g EDTA |  |
|  | Anti-Polio Pooled Antisera (Antibodies 2+3, 1+3 and 1+2) | Anti-polio Antisera use for the potency test of oral polio vaccine on cell line.  Anti-Poliovirus Serum Types 1, 2 and 3 along with glass ampoule cutter as given in brochure by NIBSC.  NIBSC code: 66/202. |  |
|  | Sterile 96 wells flat-bottom Micro-titration plates for tissue culture | Beads embedded wells to support tissue culture adhesion and growth.  flat bottom.  96 (8×12) wells in each micro titer plate. |  |
|  | HEPES ((4-(2-**h**ydroxy**e**thyl)-1-**p**iperazine**e**thane**s**ulphonic acid))  Buffer | Sterile  For in-vitro testing |  |
|  | Filter Paper 0.22um for filtration assembly | Filter paper having 0.22 micrometer pore size, diameter of 47mm (4.7cm).  Heat resistant  Nylon membrane  Hydrophilic |  |
|  | Butter paper for weighing balance | High Strength  Good Transparency  Non-deformation |  |
|  | Aluminum foil | **Alloy made**  **0.006-0.2mm thick**  **80-1250mm wide**  Clean  Hygienic  Shiny appearance,  Heat resistant |  |
|  | Gloves for Autoclave | **Extreme Heat resistant >200oC**  **Use for autoclaving purposes**  **Medium/ Standard Size**  **Made of Cloth** |  |
|  | Test Tube  (Sterility testing) | Reusable 50 mL tube for anaerobic environment  25×150mm (±10mm)  Phenolic screw caps (Air tight and extreme heat resistant)  Composed of Borosilicate type I glass  Round bottom tubes. |  |
|  | Test Tube  (Sterility testing) | Reusable 70 mL for aerobic environment  25×200mm (±10mm)  Composed of Borosilicate type I glass  Extreme heat resistant  Round bottom tubes. |  |
|  | Osmometer sampler tips | Osmometer Model No. 3320 |  |
|  | Conductivity Meter calibration solution | Conductivity standard solution (buffer) having following conductivity values  10µS/cm  84µS/cm  Uncertainty value ±1 µS/cm at 25oC  TDS calibration solution 1382 mg/ml (ppm) |  |
|  | Moister Anlayzer sampling Pan for Loss on Drying | Light gauge aluminum made  Non coating  Oil -free,  Compatible with both open and enclosed balances. |  |
|  | Normal Saline (each ampoule=25 ml) | 0.9% Sodium Chloride  Must be sterile and comply with Endotoxin limit |  |
|  | Water for Injection (WFI) | 10 ml ampoule  Endotoxin limit <0.25EU/mL  Conductivity should be within range of 0.6–4.7 µS/cm  pH should be 5 – 7. |  |
|  | Karl Fischer Reagent | Complete set of Karl Fischer Reagent according to ISO 17025/2017 with calibration standard(s). |  |

8. The undersigned declare that the statements made and the information provided in the duly completed application are complete, true, and correct in every detail.

|  |
| --- |
| Signed & Stamped |
| Name of Owner/ CEO |
| For and on behalf of  (name of bidder company |

**FORM 2**

*[Letterhead of the Firm Containing Address, Phone Numbers]*

|  |  |  |  |
| --- | --- | --- | --- |
| Ref No: |  | NTN: |  |
| Date: |  | GST: |  |

**“Supply of Lab Chemicals, Glassware, Consumable Items etc. for National Control Laboratory for Biologicals (NCLB), Islamabad during the FY 2022-23”**

**FINANCIAL BID FORM**

| **S.No.** | **Item** | **Description/ Specifications/ URS** | **Quantity** | **Unit** | **Unit Price (Without GST)** | **GST Amount** | **Total Price (Price+GST)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Ampoule Cutter  Vial Decaper | Ampoule and vial cutter (Two in one) made of Stainless steel.  Size of cutter must be from small size ampoule/Vial to 100 ml Vial. | 10 | Nos |  |  |  |
|  | Indicator Tape for Autoclave | Self-adhesive  Stick on different surfaces plastic, Metal, Paper etc  Resistant to heat and moisture  Yellow Printed strip turn to any other color after sterilization. | 02 | Nos |  |  |  |
|  | Powder Free gloves (Rubber quality, Sterile) | Medium Size of 8-1/2 to 9 inches  Minimum thickness of 0.05mm  Powder-free  Must be sterile  Nitrile (preferable)  Rubber quality | 10 | Boxes |  |  |  |
|  | Powder Free gloves (Rubber quality, Non sterile) | Medium Size of 8-1/2 to 9 inches  Minimum thickness of 0.05 mm.  Powder-free  Nitrile (preferable)  Rubber quality | 10 | Boxes |  |  |  |
|  | Surgical Mask | Blue color, Three Ply (must have filter paper inside)  Ear Elastic loop  Adult size  Meet regulatory requirements (ASTM F2100, EN 14683)  Meet requirements of airborne Particles and bacterial filtration  Breathability  Fluid resistant | 30 | Boxes |  |  |  |
|  | Shoe cover  (Plastic) | Disposable  Blue color  Medium/ Standard size or  370 x 165 mm  Rubber elastic  Ultrasonic slitting | 2000 | Pairs |  |  |  |
|  | Syringes 1mL | Non-toxic,  Sterile and Pyrogen-free,  29GX1/2'or30GX1/2' (needle specs.)   U-100, UNIT-BODY | 10 | Boxes |  |  |  |
|  | Syringes 3mL | Gauge 23 (needle specs.)  Leak proof seal  Disposable manual lockable  Sterile  Pyrogen free. | 10 | Boxes |  |  |  |
|  | Syringes 5mL | Gauge 23 (needle specs.)  Leak proof seal  Disposable manual lockable  Sterile  Pyrogen free. | 05 | Boxes |  |  |  |
|  | Syringes 10mL | Syringes with standard Needle  Disposable and in plastic quality  Sterile and pyrogen free. | 02 | Boxes |  |  |  |
|  | Chloroxylenol 4.8% W/V | Chloroxylenol 4.8% W/V | 05 | Bottle |  |  |  |
|  | Rectified Spirit | More than 90% purity (v/v)  Clear, colorless solution. | 30 | Liter |  |  |  |
|  | Sodium Hypochlorite | Sodium hypochlorite Lab Grade | 02 | Liter |  |  |  |
|  | Isopropyl Alcohol 70% | Meet USP specification(s). | 50 | Liter |  |  |  |
|  | PPE for sterility test (Autoclavable) | Blue in Color  Must be Autoclavable (Extreme heat resistant)  Cover full body  Must be lint free | 10 | Nos |  |  |  |
|  | Fine Surgical Scissors (Medium size) | Pure Stainless Steel  Straight with Sharp/ Blunt points.  Medium Size | 05 | Nos |  |  |  |
|  | Spray Bottles | High quality plastic  500 to 1200 mL volume capacity  Adjustable Spray nozzle | 20 | Nos |  |  |  |
|  | Potassium Chloride (100 grams) | Meet USP specification (for chromatographic test/ analysis). | 02 | Nos |  |  |  |
|  | Test Tube  For Bacterial Endotoxin Testing (BET) | Polystyrene disposable test tube with cap  Round bottom  10X75 mm  Sterile  Pyrogen free. | 1000 | Nos |  |  |  |
|  | LAL Test lysate  (Gel Clot) | Lysate sensitivity of 0.125  Sterile  Lyophilized. | 10  (1 vial =50 test Vial) | Vial |  |  |  |
|  | LAL Water | Endotoxin Free or  <0.005 EU/ml | 15 | Bottle |  |  |  |
|  | Positive Control of Endotoxin (CSE) | Derived from Nonpathogenic strain  Lyophilized. | 03 | Vial |  |  |  |
|  | Anti-Tetanus Serum (Equine Origin) for LF Test | Non WHO Reference Material  Tetanus Antitoxin Equine for the Flocculation Test  NIBSC code: 66/021  Strength 1400 IU/ml  Storage at Temperature -20oC. | 10 | Ampoule/Vial |  |  |  |
|  | Standard tetanus toxoid for LF test. | Tetanus Toxoid (Non-Adsorbed)  Product number 02/232  Non WHO Reference Material by NIBSC, UK. | 05 | Ampoule/Vial |  |  |  |
|  | Anti-Diphtheria Serum for flocculation test | Diphtheria Antitoxin for Flocculation Test,  4th British Reference Preparation (Est. 1963)  NIBSC code: 63/007. | 05 | Ampoule/Vial |  |  |  |
|  | Standard diphtheria toxoid for LF test. | 3rd IS for Diphtheria Toxoid for use in Flocculation Test  NIBSC code: 13/212. | 05 | Ampoule/Vial |  |  |  |
|  | 10X Eagle’s MEM (Minimum essential medium) | 500 mL MEM in Liquid form  Storage Temperature is 2 to 8o C.  Sterile.   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. | 01 | Bottle |  |  |  |
|  | Fetal Bovine Serum  (500 mL) | 500 mL Fetal Bovine Serum in liquid form  Heat inactivated  Sterile  Mycoplasma tested  Cell culture tested  Storage Temperature -20oC   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. | 01 | Bottle |  |  |  |
|  | L-Glutamine  (200 mL) | Strength 29 mg/ml  Sterile filtered  Animal Cell culture tested  Storage Temperature -20oC   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. | 01 | Bottle |  |  |  |
|  | Amphotericin-B | Strength 250 ug/mL  Liquid form  Only for in-vitro Testing  Storage Temperature -20oC  Sterile  Must pass the QC and microbiological testing for growth inhibition of fungi. | 01 | Bottle |  |  |  |
|  | Non-Essential Amino –Acid 200 mL) | Storage temperature 2-8oC.   * Must be free from contamination of bacteria, fungi, mycoplasma and endotoxins. * Must comply with physiological osmotic pressure and pH. | 01 | Bottle |  |  |  |
|  | Phenol Red (200 mL) | 0.5% liquid  Sterile-filtered  Suitable for cell culture | 01 | Bottle |  |  |  |
|  | Fungizone | Strength 250 ug/mL  Liquid form  Cell culture tested  Storage Temperature -20oC | 01 | Bottle |  |  |  |
|  | Trypsin 1 X (200 mL) | Strength 0.5g Porcine trypsin-  0.2 g EDTA  Sterile  Cell culture tested  Storage Temperature -20oC  Strength 0.5g Porcine trypsin-  0.2 g EDTA | 02 | Bottle |  |  |  |
|  | Anti-Polio Pooled Antisera (Antibodies 2+3, 1+3 and 1+2) | Anti-polio Antisera use for the potency test of oral polio vaccine on cell line.  Anti-Poliovirus Serum Types 1, 2 and 3 along with glass ampoule cutter as given in brochure by NIBSC.  NIBSC code: 66/202. | 03 (Each) | Ampoule/Vial |  |  |  |
|  | Sterile 96 wells flat-bottom Micro-titration plates for tissue culture | Beads embedded wells to support tissue culture adhesion and growth.  flat bottom.  96 (8×12) wells in each micro titer plate. | 50 | Plates |  |  |  |
|  | HEPES ((4-(2-**h**ydroxy**e**thyl)-1-**p**iperazine**e**thane**s**ulphonic acid))  Buffer | Sterile  For in-vitro testing | 03 | Bottle |  |  |  |
|  | Filter Paper 0.22um for filtration assembly | Filter paper having 0.22 micrometer pore size, diameter of 47mm (4.7cm).  Heat resistant  Nylon membrane  Hydrophilic | 02 | Pack |  |  |  |
|  | Butter paper for weighing balance | High Strength  Good Transparency  Non-deformation | 02 | Roll |  |  |  |
|  | Aluminum foil | **Alloy made**  **0.006-0.2mm thick**  **80-1250mm wide**  Clean  Hygienic  Shiny appearance,  Heat resistant | 10 | Roll |  |  |  |
|  | Gloves for Autoclave | **Extreme Heat resistant >200oC**  **Use for autoclaving purposes**  **Medium/ Standard Size**  **Made of Cloth** | 2 | Pair |  |  |  |
|  | Test Tube  (Sterility testing) | Reusable 50 mL tube for anaerobic environment  25×150mm (±10mm)  Phenolic screw caps (Air tight and extreme heat resistant)  Composed of Borosilicate type I glass  Round bottom tubes. | 20 | Nos |  |  |  |
|  | Test Tube  (Sterility testing) | Reusable 70 mL for aerobic environment  25×200mm (±10mm)  Composed of Borosilicate type I glass  Extreme heat resistant  Round bottom tubes. | 20 | Nos |  |  |  |
|  | Osmometer sampler tips | Osmometer Model No. 3320 | 01 | Box of 500 tips |  |  |  |
|  | Conductivity Meter calibration solution | Conductivity standard solution (buffer) having following conductivity values  10µS/cm  84µS/cm  Uncertainty value ±1 µS/cm at 25oC  TDS calibration solution 1382 mg/ml (ppm) | 01  (Each) | Bottle |  |  |  |
|  | Moister Anlayzer sampling Pan for Loss on drying | Light gauge aluminum made  Non coating  Oil -free,  Compatible with both open and enclosed balances. | 2 | Box |  |  |  |
|  | Normal Saline (each ampoule=25 ml) | 0.9% Sodium Chloride  Must be sterile and comply with Endotoxin limit | 55 | Ampoules |  |  |  |
|  | Water for Injection (WFI) | 10 ml ampoule  Endotoxin limit <0.25EU/mL  Conductivity should be within range of 0.6–4.7 µS/cm  pH should be 5 – 7. | 500 | Ampoules |  |  |  |
|  | Karl Fischer Reagent | Complete set of Karl Fischer Reagent according to ISO 17025/2017 with calibration standard(s). | 01 | Set |  |  |  |
| Total Bid Price | | | | | | |  |
| Total (In Words) | | | | | | | |

**Bid Valid as per given terms & conditions.**

|  |  |
| --- | --- |
| **Signature:** |  |
| **Name:** |  |
| **Contact Information:** |  |
| **Official Stamp:** |  |