



Republic of the Philippine  
**TARLAC STATE UNIVERSITY**  
Romulo Blvd., San Vicente, Tarlac City  
Tel. No.: (045) 982 4630  
Website: www.tsu.edu.ph

# **Bidding Documents**

(This Bidding Documents is in conformance with the Sixth Edition of the Philippine Bidding Documents for the Procurement of Goods)

## **For the Project**

### **Supply and Delivery of Laboratory Chemicals and Reagents (APP 2025 – 1<sup>st</sup> Quarter)**

**With an Approved Budget for the Contract (ABC) of Two Million Eight Hundred Eighty-Six Thousand Five Hundred Thirty-Four Pesos and 60/100 (₱ 2,886,534.60)**

**Invitation to Bid No. Goods 2025-011**  
**PhilGEPS Reference No.: 11776535**

**July 2020**  
**6<sup>th</sup> Edition**

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## ***Glossary of Acronyms, Terms, and Abbreviations***

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA** - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means “delivered duty paid.”

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.

# Section I. Invitation to Bid



Republic of the Philippine  
**TARLAC STATE UNIVERSITY**  
Romulo Blvd., San Vicente, Tarlac City  
Tel. No.: (045) 982 4630  
Website: www.tsu.edu.ph

## INVITATION TO BID

### For the Project

### Supply and Delivery of Laboratory Chemicals and Reagents (APP 2024 – 1<sup>st</sup> Quarter)

#### Invitation to Bid No. Goods 2025-011

1. The Tarlac State University, through Special Budget (SB) intends to apply the sum of **Two Million Eight Hundred Eighty Six Thousand Five Hundred Thirty Four Pesos and 60/100 (₱ 2,886,534.60)** to payments under the contracts for the project: **Supply and Delivery of Laboratory Chemicals and Reagents (APP 2024 – 1<sup>st</sup> Quarter)**.

Bids received in excess of the ABC for shall be automatically rejected at bid opening.

Line Item No.	Description	Qty.	Unit	ABC, ₱
1.	1-Bromo-2,2-Dimethylpropane	1	bottle	2,000.00
2.	1-Bromobutane	2	bottle	4,000.00
3.	1-Chlorobutane	1	bottle	2,000.00
4.	2,2'-Azino-Bis (3-Ethylbenzthiazoline-6-Sulfonic Acid) Diammonium Salt (Abts)	1	bottle	25,000.00
5.	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	1	bottle	40,000.00
6.	2-Bromo-2-Methylpropane	1	bottle	2,000.00
7.	2-Bromobutane	2	bottle	4,000.00
8.	2-Butanone	1	bottle	6,500.00
9.	Acetanilide	1	bottle	2,000.00
10.	Acetanamide	1	bottle	2,000.00
11.	Acetone	2	bottle	14,000.00
12.	Acrylamide	2	pack	22,000.00
13.	Adipic Acid	1	bottle	2,000.00
14.	Alamarblue Cell Viability Reagent	2	bottle	30,000.00
15.	Alcohol, Denatured	10	bottle	1,300.00
16.	Alcohol, Denatured	2	bottle	4,000.00
17.	Ammonium Hydroxide	2	bottle	12,000.00
18.	Ampicillin Sodium Salt	1	bottle	9,500.00
19.	Anhydrous Calcium Chloride	5	bottle	10,000.00
20.	Anhydrous Ethanol	2	bottle	20,000.00
21.	Anisole	1	bottle	2,000.00

22.	Antimicrobial Susceptibility Disks	10	cart	10,000.00
23.	Antimicrobial Susceptibility Testing Disc	3	pack	9,000.00
24.	Antimicrobial Susceptibility Testing Disc	3	pack	9,000.00
25.	Antimicrobial Susceptibility Testing Disc	3	pack	9,000.00
26.	Ascorbic Acid	1	bottle	15,000.00
27.	Aspirin	1	bottle	1,000.00
28.	Aureus Chromoselect Agar Base	2	bottle	42,530.00
29.	Benedicts Solution	2	bottle	7,000.00
30.	Benzoic Acid	2	bottle	2,400.00
31.	Benzoin	1	bottle	2,000.00
32.	Benzyl Bromide	1	bottle	4,000.00
33.	Bile Solution	2	bottle	78,000.00
34.	Biuret Reagent	2	bottle	2,000.00
35.	Bromine Water	1	bottle	3,000.00
36.	Bromine Water	1	bottle	5,000.00
37.	Bromine	2	bottle	20,000.00
38.	Bromocresol Purple	2	bottle	20,000.00
39.	Bromphenol Dye	1	tube	7,500.00
40.	Buffer Solution	2	bottle	18,000.00
41.	Calcium Carbide	1	bottle	2,000.00
42.	Calcium Chloride	1	bottle	1,000.00
43.	Calcium Hydroxide Solution	2	bottle	4,000.00
44.	Calibration Buffer Solution	10	bottle	20,000.00
45.	Calibration Buffer Solution	10	bottle	15,000.00
46.	Calibration Buffer Solution	5	bottle	5,000.00
47.	Carbon Tetrachloride	1	bottle	2,000.00
48.	Chemical, Bod Analysis for Wastewater	1	lot	70,000.00
49.	Chemical, For Anionic Surfactants Analysis of Water	1	lot	15,000.00
50.	Chemical, For Cod Analysis of Wastewater	1	lot	25,000.00
51.	Chemical, For Nitrite Analysis of Water	1	lot	17,000.00
52.	Chemical, For Silica Analysis of Drinking Water	1	lot	35,000.00
53.	Chemical, for Color in Water	1	bottle	18,000.00
54.	Chemical, Potassium Nitrate	1	bottle	3,500.00
55.	Chemical, EC Broth 500g	2	bottle	30,000.00
56.	Chemical, Kovac's Indole Reagent	3	bottle	45,000.00
57.	Chemical, Lauryl Sulfate Tryptose Broth 500g	3	bottle	45,000.00
58.	Chemical, Plate Count Agar 500g	2	bottle	30,000.00
59.	Chemical, Test Kit, For Nitrate Analysis	1	kit	10,000.00
60.	Chloramphenicol	5	bottle	50,000.00
61.	Chloroform	5	bottle	32,500.00
62.	Chloroform	1	bottle	13,500.00
63.	Chlortetracycline	5	bottle	50,000.00
64.	Copper Sulfate Pentahydrate	2	bottle	30,000.00
65.	Cupric Acetate	1	bottle	40,000.00
66.	Cupric Oxide	2	bottle	22,000.00
67.	Cyclohexane	2	bottle	12,000.00
68.	Cyclohexanol	1	bottle	3,000.00

69.	Dichloran 18 % Glycerol Agar	2	bottle	22,000.00
70.	Dichloran Rose Bengal Chlorampenicol Agar	2	bottle	26,000.00
71.	Diethyl Ether	1	bottle	3,500.00
72.	Diphenylamine	1	bottle	10,000.00
73.	Disodium Hydrogen Phosphate Heptahydrate	1	bottle	25,000.00
74.	Distilled Water	20	carboy	20,000.00
75.	Distilled Water	25	bottle	2,500.00
76.	DNA Step Ladder	1	vial	15,500.00
77.	EDTA ACS	1	bottle	13,000.00
78.	Egg Yolk Tellurite Emulsion	8	bottle	49,600.00
79.	Erythrosine	1	bottle	3,000.00
80.	Ethanol	10	bottle	10,000.00
81.	Ethidium Bromide	1	tube	3,000.00
82.	Ethyl Alcohol	2	gallon	12,000.00
83.	Ethyl Alcohol	2	bottle	32,000.00
84.	Ferric Chloride	1	bottle	3,000.00
85.	Fluorescein	1	bottle	3,000.00
86.	Follin-Ciocalteu's Phenol	1	bottle	30,000.00
87.	Fumaric Acid	1	bottle	8,000.00
88.	Fuschin Acid	1	bottle	3,000.00
89.	Gallic Acid Monohydrate	1	bottle	11,000.00
90.	Gelatin Powder	1	bottle	1,000.00
91.	Glacial Acetic Acid	2	bottle	5,000.00
92.	Glacial Acetic Acid	10	bottle	50,000.00
93.	Glycerol	2	bottle	3,000.00
94.	Glycerol	1	bottle	3,000.00
95.	Gram Stain Kits and Reagents	2	set	12,000.00
96.	Hexane	2	bottle	4,000.00
97.	Hexane	2	bottle	48,000.00
98.	Hopkins Cole Reagent	1	bottle	3,000.00
99.	Hydrogen Peroxide	1	bottle	6,000.00
100.	ICP Multi-Element Standard Solution	1	bottle	20,000.00
101.	Indigo Carmine	1	bottle	3,000.00
102.	Iodine Crystal	1	bottle	15,000.00
103.	Iodine Solution	2	bottle	16,000.00
104.	Isopropanol	1	bottle	9,500.00
105.	Isopropyl Alcohol	2	bottle	3,000.00
106.	Kovac's Reagent	3	bottle	18,000.00
107.	Lead Iodide	1	bottle	5,000.00
108.	Lysozyme	1	bottle	5,000.00
109.	Magnesium Chloride	1	bottle	7,500.00
110.	Magnesium Sulfate	2	bottle	3,000.00
111.	Maleic Acid	1	bottle	4,000.00
112.	Monosodium Phosphate	1	bottle	25,000.00
113.	MRS Agar	6	bottle	90,000.00
114.	MRS Agar	1	pack	299.00
115.	MRS Broth	6	bottle	42,000.00
116.	MRS Broth	1	pack	12,000.00
117.	Mueller Hinton Agar	3	bottle	30,000.00
118.	Mueller Hinton Broth	3	bottle	30,000.00
119.	N-Butanol	2	bottle	6,000.00
120.	Ninhydrin Solution	1	bottle	13,000.00
121.	Nitric Acid	1	bottle	10,000.00
122.	Nitric Acid	5	bottle	30,000.00



123.	Normal-Pentane	1	bottle	5,000.00
124.	N-Pentanol	1	bottle	2,000.00
125.	Nutrient Agar	3	bottle	30,000.00
126.	Nutrient Broth	3	bottle	30,000.00
127.	Orcinol	1	bottle	3,500.00
128.	Oxygen Absorber	1	unit	500.00
129.	Pancreatin	1	bottle	1,500.00
130.	PCR 100bp Low Ladder	1	vial	13,500.00
131.	PCR Amplification	1	pack	15,000.00
132.	P-Dichlorobenzene	1	bottle	2,000.00
133.	Pepsin	1	bottle	3,000.00
134.	Petroleum Ether	5	bottle	75,435.00
135.	Ph Electrode Storage Solution	2	bottle	16,000.00
136.	Phenol	2	bottle	36,000.00
137.	Phenol	1	bottle	10,000.00
138.	Phenol	1	bottle	8,500.00
139.	Phenolphthalein	6	bottle	18,000.00
140.	Phosphoric Acid	1	bottle	20,000.00
141.	Picric Acid	1	bottle	8,000.00
142.	Plate Count Agar	1	bottle	15,000.00
143.	P-Nitrophenol	1	bottle	2,000.00
144.	Potassium Bisulfate	3	bottle	6,000.00
145.	Potassium Bisulfate	1	bottle	5,000.00
146.	Potassium Bromide	1	bottle	10,000.00
147.	Potassium Chlorate	1	bottle	3,000.00
148.	Potassium Chloride	1	bottle	15,000.00
149.	Potassium Dichromate	1	bottle	20,000.00
150.	Potassium Dihydrogen Phosphate	1	bottle	12,000.00
151.	Potassium Hydroxide	1	bottle	3,000.00
152.	Potassium Iodide	1	bottle	4,000.00
153.	Potassium Iodide	1	bottle	38,940.60
154.	Potassium Permanganate	1	bottle	5,000.00
155.	Potassium Permanganate	2	bottle	9,000.00
156.	Potassium Persulfate	1	bottle	12,000.00
157.	Potassium Sodium Tartrate Tetrahydrate	1	bottle	15,000.00
158.	Potato Dextrose Agar	1	bottle	15,000.00
159.	Potato Dextrose Broth	1	bottle	7,000.00
160.	Primer Forward	4	tube	20,000.00
161.	Primer Reverse	4	tube	20,000.00
162.	Propanoic Acid	1	bottle	3,000.00
163.	Rapid Hicoliform Broth	2	bottle	20,000.00
164.	Resorcinol	1	bottle	35,000.00
165.	Resorcinol	1	bottle	1,500.00
166.	Rnase A Solution	1	bottle	18,000.00
167.	Safranin Solution	1	bottle	3,000.00
168.	Salicylic Acid	1	bottle	4,000.00
169.	Salmonella Chromogen Agar Set	2	bottle	42,530.00
170.	Sec-Butanol	1	bottle	2,000.00
171.	Seliwanoffs Reagent	1	bottle	1,000.00
172.	Silica Gel	2	bottle	10,000.00
173.	Silica Gel, Food Grade Silica Gel Desiccant	2	unit	1,000.00
174.	Silver Nitrate	1	bottle	10,000.00
175.	Silver Nitrate	3	bottle	4,500.00
176.	Silver Nitrate	1	bottle	3,000.00
177.	Sodim Citrate	1	bottle	12,000.00

178.	Sodium Acetate	1	bottle	20,000.00
179.	Sodium Carbonate	1	bottle	15,000.00
180.	Sodium Chlorate	1	bottle	1,000.00
181.	Sodium Chloride	4	bottle	4,000.00
182.	Sodium Dodecyl Sulfate	1	bottle	9,000.00
183.	Sodium Hydroxide	4	bottle	8,000.00
184.	Sodium Iodide	1	bottle	2,000.00
185.	Sodium Nitrate	1	bottle	10,000.00
186.	Sodium Nitrate	1	bottle	10,000.00
187.	Sodium Thiosulfate	5	bottle	22,500.00
188.	Starch Solution	3	bottle	24,000.00
189.	Sucrose	2	bottle	6,000.00
190.	Sulfur Powder	2	bottle	6,000.00
191.	Sulfuric Acid	2	bottle	7,000.00
192.	Tannic Acid	1	bottle	6,000.00
193.	TAQ DNA Polymerase	2	bottle	32,000.00
194.	T-Butanol	1	bottle	2,000.00
195.	T-Butylbromide	1	bottle	2,000.00
196.	Toluene	2	bottle	8,000.00
197.	Trichloroacetic Acid	2	bottle	7,000.00
198.	Tris-Borate-Edta Buffer	2	bottle	16,000.00
<b>Total ABC:</b>				<b>2,886,534.60</b>

2. The Tarlac State University now invites bids for the project **Supply and Delivery of Laboratory Chemicals and Reagents (APP 2024 – 1<sup>st</sup> Quarter)**. Delivery of the Goods is required within **thirty (30) calendar days** from the receipt of the Notice to Proceed. Bidders must have completed, within the last five (5) years prior to the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Interested bidders may obtain further information from **Tarlac State University** and inspect the Bidding Documents at the address given below during Tuesday to Friday from 7:00 A.M. to 6:00 P.M:

**BAC Secretariat**  
Motorpool and Administration Building  
Tarlac State University  
Romulo Blvd., San Vicente, Tarlac City  
Tel. No. (045) 606-8142 / 0998 846 0206  
Email: [bacsec@tsu.edu.ph](mailto:bacsec@tsu.edu.ph)

5. A complete set of Bidding Documents may be acquired by interested Bidders from **February 20, 2025, to March 12, 2025**, from the aforementioned address upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **₱ 5,000.00**.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The Tarlac State University will hold a Pre-Bid Conference on **February 28, 2025 (2:00 P.M.)** at the Bids and Awards Committee Conference Room, 3rd Floor, Motorpool and Administration Building, Tarlac State University, Romulo Blvd., San Vicente, Tarlac City, which shall be open to prospective bidders.
7. Three (3) copies of the bid proposals (one original, and additional copy 1 and 2) must be submitted to the BAC which must be duly received by the BAC Secretariat through manual submission at the office address indicated in the bidding documents, on **March 12, 2025 at 1:30 P.M.** Failure of bidders to comply with the said request of additional copies shall not be a ground for disqualification.

**Late submission shall not be accepted.**

**BAC Secretariat**  
 Motorpool and Administration Building  
 Tarlac State University  
 Romulo Blvd., San Vicente, Tarlac City  
 Tel. No. (045) 606-8142 / 0998 846 0206  
 Email: [\*\*bacsec@tsu.edu.ph\*\*](mailto:bacsec@tsu.edu.ph)

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
9. Bid opening shall be on **March 12, 2025 at 2:00 P.M.**, at the Bids and Awards Committee Conference Room, 3rd Floor, Motorpool and Administration Building, Tarlac State University, Romulo Blvd., San Vicente, Tarlac City. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below.
10. The Summary of the procurement activities is as follows:

<b>Activities</b>	<b>Date and Time</b>	<b>Venue</b>
Posting to PhilGEPS	February 20, 2025	N/A
Pre-Bid Conference	February 28, 2025 (2:00 PM)	BAC Conference Room, 3 <sup>rd</sup> Floor, Motorpool and Administration Building, Tarlac State University, Romulo Blvd., San Vicente, Tarlac City
Deadline of Submission of Bids	March 12, 2025 (1:30 PM)	
Opening of Bids	March 12, 2025 (2:00 PM)	

11. The Tarlac State University reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 Revised IRR of RA 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

Ms. Jhenna Micah A. Manankil  
 BAC Secretariat  
 Motorpool and Administration Building  
 Tarlac State University  
 Romulo Blvd., San Vicente, Tarlac City  
 Tel. No. (045) 606-8142 / 0998 846 0206  
 Email: [\*\*bacsec@tsu.edu.ph\*\*](mailto:bacsec@tsu.edu.ph)

**(SGD) ATTY. WILMARK J. RAMOS, DBA**  
 BAC Chairperson – Goods and Services

## Section II. Instructions to Bidders

### 1. Scope of Bid

1.1. The Tarlac State University wishes to receive Bids for the project: **Supply and Delivery of Laboratory Chemicals and Reagents (APP 2024 – 1<sup>st</sup> Quarter)**, with identification number **Invitation to Bid No. Goods 2025-011**.

1.2. The procurement project (referred to herein as “Project”) is composed of **one hundred ninety-eight (198) items** the details of which are described in Section VII. Technical Specifications.

### 2. Funding Information

2.1. The GOP through the source of funding as indicated below for **2025** in the amount of **₱ 2,886,534.60**

2.2. The source of funding is the **Special Budget (SB)**

### 3. Bidding Requirements

3.1. The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

3.2. Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or IB by the BAC through the issuance of a supplemental or bid bulletin.

3.3. The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

### 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

### 5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder must have a SLCC that is similar to the Project, as described in the **BDS**, with a value, adjusted to current prices using the PSA’s CPI, that is at least equivalent to **twenty five percent (25%) of the total ABC**.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## 7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that subcontracting is not allowed

## 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and at the address indicated in paragraph 6 of the **IB**.

## 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## 10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII. Checklist of Technical and Financial Documents**.

10.2. The Bidder's **SLCC** as indicated in **ITB** Clause 5.3 should have been completed **within five (5) years** prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII. Checklist of Technical and Financial Documents**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## 12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

- a. For Goods offered from within the Procuring Entity's country:
  - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
  - ii. The cost of all customs duties and sales and other taxes already paid or payable;
  - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
  - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
  - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
  - ii. The price of other (incidental) services, if any, as listed in **Section VII. Technical Specifications**.

## 13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in Philippine Pesos.

## 14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until **July 10, 2025**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 15. Sealing and Marking of Bids

15.1. Each Bidder shall submit one copy of the first and second components of its Bid.

15.2. The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

15.3. If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be

digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## **16. Deadline for Submission of Bids**

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

## **17. Opening and Preliminary Examination of Bids**

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **18. Domestic Preference**

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

## **19. Detailed Evaluation and Comparison of Bids**

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items are indicated in **Section VII. Technical Specifications**, and the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. **The Project shall be awarded as one project.**

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## **20. Post-Qualification**

- 20.1. Within a **non-extendible period of five (5) calendar days** from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21. Signing of the Contract**

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.



## Section III. Bid Data Sheet

ITB Clause																																																																			
5.3	For this purpose, contracts similar to the Project shall be the supply and delivery of similar goods comprising the Project.																																																																		
7.1	No further instructions.																																																																		
12	The price of the Goods shall be quoted DDP Tarlac City, Philippines or the applicable International Commercial Terms (INCOTERMS) for this Project.																																																																		
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> <li>a. The amount of not less than two percent (2 %) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. The amount of not less than five percent (5 %) of ABC if bid security is in Surety Bond.</li> </ul>																																																																		
19.3	<p>The ABC for the project:</p> <table border="1" data-bbox="431 966 781 2295"> <thead> <tr> <th data-bbox="431 966 537 1079">Line Item No.</th> <th data-bbox="537 966 781 1079">ABC, ₱</th> </tr> </thead> <tbody> <tr><td>1.</td><td>2,000.00</td></tr> <tr><td>2.</td><td>4,000.00</td></tr> <tr><td>3.</td><td>2,000.00</td></tr> <tr><td>4.</td><td>25,000.00</td></tr> <tr><td>5.</td><td>40,000.00</td></tr> <tr><td>6.</td><td>2,000.00</td></tr> <tr><td>7.</td><td>4,000.00</td></tr> <tr><td>8.</td><td>6,500.00</td></tr> <tr><td>9.</td><td>2,000.00</td></tr> <tr><td>10.</td><td>2,000.00</td></tr> <tr><td>11.</td><td>14,000.00</td></tr> <tr><td>12.</td><td>22,000.00</td></tr> <tr><td>13.</td><td>2,000.00</td></tr> <tr><td>14.</td><td>30,000.00</td></tr> <tr><td>15.</td><td>1,300.00</td></tr> <tr><td>16.</td><td>4,000.00</td></tr> <tr><td>17.</td><td>12,000.00</td></tr> <tr><td>18.</td><td>9,500.00</td></tr> <tr><td>19.</td><td>10,000.00</td></tr> <tr><td>20.</td><td>20,000.00</td></tr> <tr><td>21.</td><td>2,000.00</td></tr> <tr><td>22.</td><td>10,000.00</td></tr> <tr><td>23.</td><td>9,000.00</td></tr> <tr><td>24.</td><td>9,000.00</td></tr> <tr><td>25.</td><td>9,000.00</td></tr> <tr><td>26.</td><td>15,000.00</td></tr> <tr><td>27.</td><td>1,000.00</td></tr> <tr><td>28.</td><td>42,530.00</td></tr> <tr><td>29.</td><td>7,000.00</td></tr> <tr><td>30.</td><td>2,400.00</td></tr> <tr><td>31.</td><td>2,000.00</td></tr> <tr><td>32.</td><td>4,000.00</td></tr> </tbody> </table>	Line Item No.	ABC, ₱	1.	2,000.00	2.	4,000.00	3.	2,000.00	4.	25,000.00	5.	40,000.00	6.	2,000.00	7.	4,000.00	8.	6,500.00	9.	2,000.00	10.	2,000.00	11.	14,000.00	12.	22,000.00	13.	2,000.00	14.	30,000.00	15.	1,300.00	16.	4,000.00	17.	12,000.00	18.	9,500.00	19.	10,000.00	20.	20,000.00	21.	2,000.00	22.	10,000.00	23.	9,000.00	24.	9,000.00	25.	9,000.00	26.	15,000.00	27.	1,000.00	28.	42,530.00	29.	7,000.00	30.	2,400.00	31.	2,000.00	32.	4,000.00
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	192.	6,000.00	
	193.	32,000.00	
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	195.	2,000.00	
	196.	8,000.00	
	197.	7,000.00	
	198.	16,000.00	
	<b>TOTAL</b>	<b>2,886,834.60</b>	
	<b>ABC:</b>		
20.2	No further requirements.		
21.2	No further requirements.		

## Section IV. General Conditions of Contract

### 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

### 2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

### 3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184

### 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV. Technical Specifications** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

### 5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the

defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## Section V. Special Conditions of Contract

GCC Clause	
1	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable to this Contract are delivered to Tarlac State University, Romulo Blvd., San Vicente, Tarlac City. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements.</p>
	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity  Name of the Supplier  Contract Description  Final Destination  Gross weight  Any special lifting instructions  Any special handling instructions  Any relevant HAZCHEM classifications</p> <p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p>
	<p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p>

	<p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p>
	<p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
4	<p>The inspections and tests that will be conducted are: visual and sensory inspection and test.</p>



## **Section VI. Schedule of Requirements**

The delivery date for the Goods covered by the Contract shall be within thirty (30) calendar days upon receipt of the Notice to Proceed.

## Section VII. Technical Specifications

Line Item No.	Description	Qty.	Unit	ABC, ₱
1.	1-BROMO-2,2-DIMETHYLPROPANE, 100mL reagent grade w/MSDS	1	bottle	2,000.00
2.	1-BROMOBUTANE, 100mL reagent grade w/MSDS	2	bottle	4,000.00
3.	1-CHLOROBUTANE, 100mL reagent grade w/MSDS	1	bottle	2,000.00
4.	2,2'-AZINO-BIS(3-ETHYLBENZTHIAZOLINE-6-SULFONIC ACID) DIAMMONIUM SALT (ABTS), 2g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	25,000.00
5.	2,2-DIPHENYL-1-PICRYLHYDRAZYL (DPPH), free radical- 100mg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	40,000.00
6.	2-BROMO-2-METHYLPROPANE, 100mL reagent grade w/MSDS	1	bottle	2,000.00
7.	2-BROMOBUTANE, 100mL reagent grade w/MSDS	2	bottle	4,000.00
8.	2-BUTANONE, 500mL reagent grade w/MSDS	1	bottle	6,500.00
9.	ACETANILIDE, 100g reagent grade w/MSDS	1	bottle	2,000.00
10.	ACETANIMIDE, 500g reagent grade w/MSDS	1	bottle	2,000.00
11.	ACETONE, 1 Liter per bottle, with MSDS and 3-5 years expiry, Lab Grade	2	bottle	14,000.00
12.	ACRYLAMIDE, BIS-ACRYLAMIDE Bioreagent, suitable for electrophoresis, 30% solution, 29:1; 100 mL bottle; 5pcs/pack	2	pack	22,000.00
13.	ADIPIC ACID, 100g reagent grade w/MSDS	1	bottle	2,000.00
14.	ALAMARBLUE CELL VIABILITY REAGENT, 25mL	2	bottle	30,000.00
15.	ALCOHOL, Denatured Alcohol in Leakproof Bottle; 1L bottle	10	bottle	1,300.00
16.	ALCOHOL, Denatured Alcohol, 500 mL	2	bottle	4,000.00
17.	AMMONIUM HYDROXIDE, 30% - 1L AR grade; solution; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	12,000.00
18.	AMPICILLIN SODIUM SALT, powder or crystals, Bioreagent, suitable for cell culture; 5g per pack	1	bottle	9,500.00
19.	ANHYDROUS CALCIUM CHLORIDE, 100g reagent grade w/MSDS	5	bottle	10,000.00

20.	ANHYDROUS ETHANOL, 99.5%- 1L, with SDS and 3-5 years expiry	2	bottle	20,000.00
21.	ANISOLE, 500mLreagent grade w/MSDS	1	bottle	2,000.00
22.	ANTIMICROBIAL SUSCEPTIBILITY DISKS, ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC - Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. PENICILLIN, 10 units - Quantity: 50 Disks/Cartridge; Concentration: 10 units; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	10	cart	10,000.00
23.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. AZITHROMYCIN ANTIMICROBIAL SUSCEPTIBILITY DISCS, 15ug - Quantity: 50 Disks/Cartridge; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	pack	9,000.00
24.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. ERYTHROMYCIN ANTIMICROBIAL SUSCEPTIBILITY DISC, 15 ug - Quantity: 50 Disks/Cartridge; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	pack	9,000.00
25.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. FLUCONAZOLE, TRIAZOLE DISCS, 25ug - Quantity: 50 Disks/Cartridge; Concentration: 25µg; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	pack	9,000.00
26.	ASCORBIC ACID, 99%- 500g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3	1	bottle	15,000.00

	years or longer from date of purchase. After sales provision on certificate of extension of expiry date.			
27.	ASPIRIN, 500g reagent grade w/MSDS	1	bottle	1,000.00
28.	AUREUS CHROMOSELECT AGAR BASE, 500 g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	42,530.00
29.	BENEDICTS SOLUTION, 500mL - with MSDS and 3-5 years expiry	2	bottle	7,000.00
30.	BENZOIC ACID, 500g - with MSDS and 3-5 years expiry	2	bottle	2,400.00
31.	BENZOIN, 10g reagent grade w/MSDS	1	bottle	2,000.00
32.	BENZYL BROMIDE, 100mL reagent grade w/MSDS	1	bottle	4,000.00
33.	BILE SOLUTION, 100g - with MSDS and 3-5 years expiry	2	bottle	78,000.00
34.	BIURET REAGENT, 500mL reagent grade w/MSDS	2	bottle	2,000.00
35.	BROMINE WATER, 500mL reagent grade w/MSDS	1	bottle	3,000.00
36.	BROMINE WATER, saturated solution- approx. 3%, 500mL; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	5,000.00
37.	BROMINE, Reagents, 500g - with MSDS and 3-5 years expiry	2	bottle	20,000.00
38.	BROMOCRESOL PURPLE, Bioreagent, suitable for indicator, Dye content 90 %, soluble in ethanol at 1mg/ml ratio, 25g	2	bottle	20,000.00
39.	BROMPHENOL DYE, Xylene Cyanole Dye solution, lyophilized powder, 5ml/tube	1	tube	7,500.00
40.	BUFFER SOLUTION, Tris-Edta Buffer Solution for molecular biology, pH 8.0, 500 ml per bottle	2	bottle	18,000.00
41.	CALCIUM CARBIDE, 500g reagent grade w/MSDS	1	bottle	2,000.00
42.	CALCIUM CHLORIDE, 500g reagent grade w/MSDS	1	bottle	1,000.00
43.	CALCIUM HYDROXIDE SOLUTION, 0.14 %(w/v) Saturated Solution - 500mL - with MSDS and 3-5 years expiry	2	bottle	4,000.00
44.	CALIBRATION BUFFER SOLUTION, pH 10 calibration buffer solution 500mL with MSDS	10	bottle	20,000.00
45.	CALIBRATION BUFFER SOLUTION, pH 4 calibration buffer solution 500mL with MSDS	10	bottle	15,000.00
46.	CALIBRATION BUFFER SOLUTION, pH 7.01 calibration solution 1L with MSDS	5	bottle	5,000.00
47.	CARBON TETRACHLORIDE, 1L reagent grade w/MSDS	1	bottle	2,000.00
48.	CHEMICAL, BOD Analysis for wastewater, Nutrients: 1 btl of Ferric chloride hexahydrate, FeCl <sub>3</sub> .6H <sub>2</sub> O, 500 grams, analytical grade; 1 bottle Calcium chloride dihydrate, 500g; 1 btl of Potassium	1	lot	70,000.00

	<p>dihydrogen phosphate monobasic (KH<sub>2</sub>PO<sub>4</sub>), analytical grade, (500 g); 1 btl of Dipotassium phosphate (K<sub>2</sub>HPO<sub>4</sub>) analytical grade, (500 g); 1 btl of Disodium hydrogen phosphate heptahydrate, Na<sub>2</sub>HPO<sub>4</sub>·7H<sub>2</sub>O, 500 grams, analytical grade; 1 bottle of Ammonium chloride, 500 grams, analytical grade. 1 bottle magnesium sulfate heptahydrate, 500 grams, analytical grade. Fixing reagents: 2 bottles Manganous sulfate monohydrate, 500 g, AR grade; 3 btl Sodium hydroxide, NaOH, 1 Kg, analytical grade; 1 bottle Sodium Azide, 100g; 3 bottles Potassium Iodide, 500 grams; 1 can of BOD Seed Inoculum, 50 capsules/can, A blend of specialized microbial cultures in an easy-to-use capsule. Designed to provide a uniform standard for the degradation of both industrial and municipal waste in BOD<sub>5</sub> analyses. Package of 50 capsules or less (preferably 5-10 capsules only). International Laboratory Supply (InterLab), LTD * Consistent seed source: same bacteria, same type of bacteria, same amount of bacteria blend  * Known bacterial content is free from pathogens  * Save and convenient pre-measured dry product in easy-to-use capsules * Two years shelf life"</p>			
49.	<p>CHEMICAL, for Anionic Surfactants analysis of water, 1 box Stock Detergent LAS, 60 mg/L ampules. 16 ampules per box; 1 btl of Sodium dihydrogen phosphate monohydrate, NaH<sub>2</sub>PO<sub>4</sub>·H<sub>2</sub>O, 500 grams, analytical grade; "</p>	1	lot	15,000.00
50.	<p>CHEMICAL, for COD analysis of wastewater, 1 bottle of silver sulfate (25g). Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date."</p>	1	lot	25,000.00
51.	<p>CHEMICAL, for nitrite analysis of water, 1 btl of N,N-Diethyl-p-phenylenediamine (DPD) indicator, 25 grams or lesser, analytical grade; 1 btl of Sodium oxalate, analytical grade (50-100 g); 1 btl of Sodium nitrite, analytical grade (500 g) as standard for nitrite analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date. After sales provision on certificate of extension of expiry date."</p>	1	lot	17,000.00
52.	<p>CHEMICAL, for silica analysis of drinking water, 1 btl of Sodium metasilicate nonahydrate (100 g) analytical grade; 1 btl of 1,000 mg/L Silicon, Si, analytical grade (500mL); 1 btl of Sodium borate decahydrate, 25 grams, analytical grade; 1 btl of Sodium bisulfite 100 grams, analytical grade; 2 btls Ethanol, C<sub>2</sub>H<sub>5</sub>OH, analytical grade (4 L). Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.</p>	1	lot	35,000.00
53.	<p>CHEMICAL, For color in water, Standard color solution 500 Pt-Co units, 1000mL</p>	1	bottle	18,000.00
54.	<p>CHEMICAL, Potassium nitrate, KNO<sub>3</sub>, ≥90% - ≤100%, 500 grams. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon</p>	1	bottle	3,500.00

	delivery. After sales provision on certificate of extension of expiry date.			
55.	CHEMICAL, EC Broth 500g - a selective media used for isolation of coliforms, including Escherichia coli, from water samples.	2	bottle	30,000.00
56.	CHEMICAL, Kovac's Indole Reagent 100 mL, used for detection of presence of indole produced by microorganisms due to tryptophan deamination.	3	bottle	45,000.00
57.	CHEMICAL, Lauryl Sulfate Tryptose Broth, 500g - a selective media used for detecting coliforms in water samples	3	bottle	45,000.00
58.	CHEMICAL, Plate Count Agar, 500g - used for enumerating heterotrophic bacteria from water samples	2	bottle	30,000.00
59.	CHEMICAL, TEST KIT, For nitrate analysis, With low range NO <sub>3</sub> <sup>-</sup> (0.01 - 0.50 mg/L NO <sub>3</sub> <sup>-</sup> -N). To include. NitraVer 6 Nitrate Reagent Powder Pillow, 10-mL; NitriVer® 3 Nitrite Reagent Powder Pillow, 10-mL. Set good for 100 tests. Should be compatible with HACH DR 900. Shelf life should be at least 3 years or longer from date of purchase. Supplier should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	1	kit	10,000.00
60.	CHLORAMPENICOL, 100G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	5	bottle	50,000.00
61.	CHLOROFORM, 1L, with MSDS and 3-5 years expiry	5	bottle	32,500.00
62.	CHLOROFORM, anhydrous, ≥99%, contains 0.5-1.0% ethanol as stabilizer, 2 L in Sure/Seal™ bottle.	1	bottle	13,500.00
63.	CHLORTETRACYCLINE, 100G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	5	bottle	50,000.00
64.	COPPER SULFATE PENTAHYDRATE, 500g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	30,000.00
65.	CUPRIC ACETATE, 25g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	40,000.00
66.	CUPRIC OXIDE, 500g - with MSDS and 3-5 years expiry	2	bottle	22,000.00
67.	CYCLOHEXANE, Reagents, 500g - with MSDS and 3-5 years expiry	2	bottle	12,000.00
68.	CYCLOHEXANOL, 500mL reagent grade w/MSDS	1	bottle	3,000.00
69.	DICHLORAN 18 % GLYCEROL AGAR, dehydrated; 500G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be	2	bottle	22,000.00

	at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.			
70.	DICHLORAN ROSE BENGAL CHLORAMPENICOL AGAR, dehydrated, 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	26,000.00
71.	DIETHYL ETHER, 2.5L reagent grade w/MSDS	1	bottle	3,500.00
72.	DIPHENYLAMINE, >99%- 100g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	10,000.00
73.	DISODIUM HYDROGEN PHOSPHATE HEPTAHYDRATE, Sodium phosphate dibasic- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	25,000.00
74.	DISTILLED WATER, 20L per carboy	20	carboy	20,000.00
75.	DISTILLED WATER, Pure Distilled Drinking Water 6Liter	25	bottle	2,500.00
76.	DNA STEP LADDER, 50 BP DNA Step Ladder DNA Ladder, Step Ladder, 50 bp, 17 Fragments, 50-3000 bp, for DNA electrophoresis; 50ug per vial	1	vial	15,500.00
77.	EDTA ACS, Reagent, 99.4-100.6%, powder, 500 g in poly bottle	1	bottle	13,000.00
78.	EGG YOLK TELLURITE EMULSION, 100 ml per vial; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	8	bottle	49,600.00
79.	ERYTHROSINE, 25grams reagent grade w/MSDS	1	bottle	3,000.00
80.	ETHANOL, 90%, 1L reagent grade w/MSDS	10	bottle	10,000.00
81.	ETHIDIUM BROMIDE, Fluorescent stain, Bioreagent, for molecular biology, 500 µg/mL in H <sub>2</sub> O, 5ml	1	tube	3,000.00
82.	ETHYL ALCOHOL, 95% - 20L, with SDS and 3-5 years expiry, Laboratory Grade	2	gallon	12,000.00
83.	ETHYL ALCOHOL, 95% - 4L, with MSDS and 3-5 years expiry, Laboratory Grade	2	bottle	32,000.00
84.	FERRIC CHLORIDE, 100 g, with SDS and at least 3-5 years expiry	1	bottle	3,000.00
85.	FLUORESCEIN, 25 g reagent grade w/MSDS	1	bottle	3,000.00
86.	FOLLIN-CIOCALTEU'S PHENOL, reagent - 500mL AR grade; liquid/ solution; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of	1	bottle	30,000.00

	purchase. After sales provision on certificate of extension of expiry date.			
87.	FUMARIC ACID, 500g reagent grade w/MSDS	1	bottle	8,000.00
88.	FUSCHIN ACID, 25-gram reagent grade w/MSDS	1	bottle	3,000.00
89.	GALLIC ACID MONOHYDRATE, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	11,000.00
90.	GELATIN POWDER, 500g reagent grade w/MSDS	1	bottle	1,000.00
91.	GLACIAL ACETIC ACID, 1L, with SDS and at least 3-5 years expiry, Lab grade	2	bottle	5,000.00
92.	GLACIAL ACETIC ACID, 500 ML, with MSDS and 3-5 years expiry	10	bottle	50,000.00
93.	GLYCEROL, /glycerin, Hydroxybenzene - 500mL - with MSDS and 3-5 years expiry	2	bottle	3,000.00
94.	GLYCEROL, 4L reagent grade w/MSDS	1	bottle	3,000.00
95.	GRAM STAIN KITS AND REAGENTS, contains one 250 mL bottle of each of the following: gram crystal violet solution, gram safranin solution, gram decolorizer solution and gram iodine solution (stabilized); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	set	12,000.00
96.	HEXANE, 1L, with SDS and at least 3-5 years expiry, Lab grade	2	bottle	4,000.00
97.	HEXANE, Reagents 500mL - with MSDS and 3-5 years expiry	2	bottle	48,000.00
98.	HOPKINS COLE REAGENT, 1-liter reagent grade w/MSDS	1	bottle	3,000.00
99.	HYDROGEN PEROXIDE, H <sub>2</sub> O <sub>2</sub> , ≥25% - <35%. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. Either in 500 mL or 1L bottle packaging. Total of 1.250 liters required. After sales provision on certificate of extension of expiry date.	1	bottle	6,000.00
100.	ICP MULTI-ELEMENT STANDARD SOLUTION, 100 mL, analytical grade. (23 elements in diluted nitric acid) 1000 mg/l: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn. Shelf life should be at least 3 years or longer from date of purchase. Supplier should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	1	bottle	20,000.00
101.	INDIGO CARMINE, 25g reagent grade w/MSDS	1	bottle	3,000.00
102.	IODINE CRYSTAL,	1	bottle	15,000.00



	>99%- 100g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.			
103.	IODINE SOLUTION, 1L, with MSDS and 3-5 years expiry -	2	bottle	16,000.00
104.	ISOPROPANOL, 2-Propanol, Bioreagent, for molecular biology, ≥99.5%, 1L bottle (2025)	1	bottle	9,500.00
105.	ISOPROPYL ALCOHOL, 100% - 1L, with MSDS and 3-5 years expiry, Laboratory Grade	2	bottle	3,000.00
106.	KOVAC'S REAGENT, 100 ml per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	bottle	18,000.00
107.	LEAD IODIDE, 50g reagent grade with MSDS	1	bottle	5,000.00
108.	LYSOZYME, ≥100,000 units/mg protein, lyophilized powder; 1g in glass bottle	1	bottle	5,000.00
109.	MAGNESIUM CHLORIDE, PCR Reagent, 25 mM MgCl <sub>2</sub> solution for PCR, 5ml per pack	1	bottle	7,500.00
110.	MAGNESIUM SULFATE, Heptahydrate, reagent grade, 500g bottle	2	bottle	3,000.00
111.	MALEIC ACID, 500g reagent grade w/MSDS	1	bottle	4,000.00
112.	MONOSODIUM PHOSPHATE, Sodium phosphate monobasic- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	25,000.00
113.	MRS AGAR, (De Man, Rogosa, Sharpe) For Microbiology, for the growth of lactobacilli, 500G; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	6	bottle	90,000.00
114.	MRS AGAR, Vegitone, suitable for microbiology, 500g	1	pack	299.00
115.	MRS BROTH, (De Man, Rogosa, Sharpe) For Microbiology, for the growth of lactobacilli, 500G; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	6	bottle	42,000.00
116.	MRS BROTH, Vegitone, suitable for microbiology, 500g	1	pack	12,000.00
117.	MUELLER HINTON AGAR, (500g) - is for cultivation of Neisseria and for determination of susceptibility of microorganisms to antimicrobial agents. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of	3	bottle	30,000.00

	purchase. After sales provision on certificate of extension of expiry date.			
118.	MUELLER HINTON BROTH, (500g) - is used to determine the susceptibility of bacteria to Sulphonamides by the tube dilution method. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	bottle	30,000.00
119.	N-BUTANOL, N-Boc-DL-2-amino-1-butanol - 5g - with MSDS and 3-5 years expiry	2	bottle	6,000.00
120.	NINHYDRIN SOLUTION, 2%- 100mL AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	13,000.00
121.	NITRIC ACID, 4-liter reagent grade w/MSDS	1	bottle	10,000.00
122.	NITRIC ACID, HNO <sub>3</sub> , 100%. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. 5 bottles of 2.5 liters each. Total of 12.5 liters. After sales provision on certificate of extension of expiry date.	5	bottle	30,000.00
123.	NORMAL-PENTANE, 1-liter reagent grade w/MSDS	1	bottle	5,000.00
124.	N-PENTANOL, 500mL reagent grade w/MSDS	1	bottle	2,000.00
125.	NUTRIENT AGAR, (500g) - agar used for the cultivation of less fastidious microorganisms can be enriched with blood or other biological fluids. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	bottle	30,000.00
126.	NUTRIENT BROTH, (500g) - a sterility testing medium for aerobes in accordance with IP. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	3	bottle	30,000.00
127.	ORCINOL, 25g reagent grade w/ MSDS (2025)	1	bottle	3,500.00
128.	OXYGEN ABSORBER, 300cc; Activated Clay Desiccant Sachet (Food Grade/ Food safe and Non toxic); 100 pcs/pack	1	unit	500.00
129.	PANCREATIN, 100g reagent grade w/MSDS	1	bottle	1,500.00
130.	PCR 100BP LOW LADDER, for electrophoresis of PCR fragments	1	vial	13,500.00
131.	PCR AMPLIFICATION, Plates 96 multwell PCR plate, 96 well PCR microplate, 96 well PCR plate, 96 well microtiterlate, 25 pcs per pack	1	pack	15,000.00

132.	P-DICHLOROBENZENE, 500g reagent grade w/MSDS	1	bottle	2,000.00
133.	PEPSIN, 100g reagent grade w/MSDS	1	bottle	3,000.00
134.	PETROLEUM ETHER, 5L, with MSDS and 3-5 years expiry	5	bottle	75,435.00
135.	PH ELECTRODE STORAGE SOLUTION, pH Electrode storage solution 500mL with MSDS	2	bottle	16,000.00
136.	PHENOL, 100g - with MSDS and 3-5 years expiry	2	bottle	36,000.00
137.	PHENOL, Phenol: Chloroform: Isoamyl Alcohol 25:24:1 Saturated with 10 mM Tris, pH 8.0, 1 mM EDTA, Supplied with Equilibration buffer, for molecular biology, 100 mL in glass bottle	1	bottle	10,000.00
138.	PHENOL, Solution Equilibrated with 10 mM Tris HCl, pH 8.0, 1 mM EDTA, BioReagent, for molecular biology, 100 mL in glass bottle	1	bottle	8,500.00
139.	PHENOLPHTHALEIN, 1%/95% Alc 500mL - with MSDS and 3-5 years expiry	6	bottle	18,000.00
140.	PHOSPHORIC ACID, H3PO4 85%- 2.5L AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	20,000.00
141.	PICRIC ACID, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	8,000.00
142.	PLATE COUNT AGAR, A non-selective medium for the plate count of microorganisms in water, milk and other dairy products; 500 g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	15,000.00
143.	P-NITROPHENOL, 25 g reagent grade w/MSDS	1	bottle	2,000.00
144.	POTASSIUM BISULFATE, 250g reagent grade	3	bottle	6,000.00
145.	POTASSIUM BISULFATE, 500g reagent grade w/MSDS	1	bottle	5,000.00
146.	POTASSIUM BROMIDE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	10,000.00
147.	POTASSIUM CHLORATE, 500grams reagent grade with MSDS	1	bottle	3,000.00
148.	POTASSIUM CHLORIDE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	15,000.00
149.	POTASSIUM DICHROMATE, 500g; AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3	1	bottle	20,000.00

	years or longer from date of purchase. After sales provision on certificate of extension of expiry date.			
150.	POTASSIUM DIHYDROGEN PHOSPHATE, Potassium phosphate monobasic- 500kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	12,000.00
151.	POTASSIUM HYDROXIDE, 500G, with MSDS and 3-5 years expiry	1	bottle	3,000.00
152.	POTASSIUM IODIDE, 100G, with MSDS and 3-5 years expiry	1	bottle	4,000.00
153.	POTASSIUM IODIDE, 500G, ith MSDS and 3-5 years expiry	1	bottle	38,940.60
154.	POTASSIUM PERMANGANATE, KMnO4, ≤100%, 500 grams. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	1	bottle	5,000.00
155.	POTASSIUM PERMANGANATE, Reagents ≤150 µm particle size, 97% - 500g - with MSDS and 3-5 years expiry	2	bottle	9,000.00
156.	POTASSIUM PERSULFATE, 500g; AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	12,000.00
157.	POTASSIUM SODIUM TARTRATE TETRAHYDRATE, 500g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	15,000.00
158.	POTATO DEXTROSE AGAR, (500g) - Agar used for the isolation and enumeration of yeasts and moulds from dairy and other food products. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	15,000.00
159.	POTATO DEXTROSE BROTH, (500g) - is for cultivation and enumeration of yeasts and moulds.; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	7,000.00
160.	PRIMER FORWARD	4	tube	20,000.00
161.	PRIMER REVERSE	4	tube	20,000.00
162.	PROPANOIC ACID, Propionic acid, 500mL reagent grade w/MSDS	1	bottle	3,000.00
163.	RAPID HICOLIFORM BROTH, 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	20,000.00

164.	RESORCINOL, 500g AR grade; flakes; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	35,000.00
165.	RESORCINOL, 50g reagent grade w/MSDS	1	bottle	1,500.00
166.	RNASE A SOLUTION, molecular grade, 25 ml bottle	1	bottle	18,000.00
167.	SAFRANIN SOLUTION, 100mL, reagent grade w/MSDS	1	bottle	3,000.00
168.	SALICYLIC ACID, 100g reagent grade w/MSDS	1	bottle	4,000.00
169.	SALMONELLA CHROMOGEN AGAR SET, Salmonella Chromogen Agar Base (4x29g); Salmonella Chromogen Agar Supplement (4 vials); per set; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	42,530.00
170.	SEC-BUTANOL, 1L reagent grade w/MSDS	1	bottle	2,000.00
171.	SELIWANOFFS REAGENT, 100mL reagent grade w/MSDS	1	bottle	1,000.00
172.	SILICA GEL, desiccant- ACS 500g; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	2	bottle	10,000.00
173.	SILICA GEL, Food Grade Silica Gel Desiccant; Moisture Absorber For Food And Medication; [100pcs x 1 gram]	2	unit	1,000.00
174.	SILVER NITRATE, 100-gram reagent grade w/MSDS	1	bottle	10,000.00
175.	SILVER NITRATE, 10gram reagent grade w/MSDS	3	bottle	4,500.00
176.	SILVER NITRATE, 50g, High purity, 99.9%, with SDS and 3-5 years expiry	1	bottle	3,000.00
177.	SODIUM CITRATE, 99%- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	12,000.00
178.	SODIUM ACETATE, anhydrous- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	20,000.00
179.	SODIUM CARBONATE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	15,000.00
180.	SODIUM CHLORATE, 500g reagent grade w/MSDS	1	bottle	1,000.00
181.	SODIUM CHLORIDE, technical grade; 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be	4	bottle	4,000.00

	at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.			
182.	SODIUM DODECYL SULFATE, BioReagent, suitable for electrophoresis, for molecular biology, $\geq 98.5\%$ (GC); 100g per bottle	1	bottle	9,000.00
183.	SODIUM HYDROXIDE, pellets; technical grade; 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	4	bottle	8,000.00
184.	SODIUM IODIDE, 100g reagent grade w/MSDS	1	bottle	2,000.00
185.	SODIUM NITRATE, 1kg AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	10,000.00
186.	SODIUM NITRITE, 500mg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	10,000.00
187.	SODIUM THIOSULFATE, concentrate for 1L standard solution, 0.01 M Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (0.01N), Each	5	bottle	22,500.00
188.	STARCH SOLUTION, 500 mL, with MSDS and 3-5 years expiry	3	bottle	24,000.00
189.	SUCROSE, 500g - with MSDS and 3-5 years expiry	2	bottle	6,000.00
190.	SULFUR POWDER, 325 mesh, 99.5% - 5g - with MSDS and 3-5 years expiry	2	bottle	6,000.00
191.	SULFURIC ACID, 1L, with MSDS and 3-5 years expiry -	2	bottle	7,000.00
192.	TANNIC ACID, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	1	bottle	6,000.00
193.	TAQ DNA POLYMERASE, with 10 $\times$ PCR reaction buffer without MgCl <sub>2</sub> , 250 units per pack (from <i>Thermus aquaticus</i> )	2	bottle	32,000.00
194.	T-BUTANOL, 1L reagent grade w/MSDS	1	bottle	2,000.00
195.	T-BUTYLBROMIDE, 100mL reagent grade w/MSDS	1	bottle	2,000.00
196.	TOLUENE, Reagents, 500g - with MSDS and 3-5 years expiry	2	bottle	8,000.00
197.	TRICHLOROACETIC ACID, 100g - with MSDS and 3-5 years expiry	2	bottle	7,000.00
198.	TRIS-BORATE-EDTA BUFFFER, Bioreagent, suitable for electrophoresis, 10 $\times$ concentrate; 1L per bottle	2	bottle	16,000.00

## Section VIII. Bid Documents Checklist

This Bid Documents Checklist is provided to guide the Bidder in preparing his/her bid. The checklist may be used by the Bidder to verify if the Bid includes all the prescribed documents.

The Bidder, in submitting the required documents, must use the prescribed forms found in Section X. Bidding Forms. However, should a bidder choose to use a different formatting style for a required document, the bidder must ensure that the substance in the form given in Section X for that particular document is substantially captured in the equivalent document.

### I. TECHNICAL COMPONENT ENVELOPE

#### *Class "A" Documents*

##### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

##### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission or Original copy of Notarized Bid Securing Declaration; and
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and
- (f) Original duly signed Omnibus Sworn Statement (OSS) and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

##### Financial Documents

- (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

#### *Class "B" Documents*

- (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

### II. FINANCIAL COMPONENT ENVELOPE

- (i) Original of duly signed and accomplished Financial Bid Form; and
- (j) Original of duly signed and accomplished Price Schedule(s).

# Section IX. Bidding Forms

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[*Bidder's Letterhead*]

[*Date*]

To: Tarlac State University  
Re: Invitation to Bid No.

**List of All Ongoing Government and Private Contracts, Including Contracts Awarded But Not Yet Started**

Row 1: Name of Contract Row 2: Location of Project Row 3: Contract Price	Row 1: Procuring Entity Row 2: Contact Person/Address Row 3: Telephone No.	Description of Goods	Row 1: Date of Award Row 2: Date Started Row 3: Contract Duration	Value of Outstanding Goods

Attached herewith are the following documents: Notice of Award, Notice to Proceed, and Official Receipts/Invoices, as evidences in support of the foregoing information.

I/We certify that the foregoing information and all of the supporting documents are true and correct.

[*Signature*]  
[*Name of Bidder or Authorized Representative*]  
[*Position or Title*]

*[Bidder's Letterhead]*

*[Date]*

To: Tarlac State University  
Re: Invitation to Bid No.

**Statement of Single Largest Completed Contract Similar to the Contract to be Bid**

Row 1: Name of Contract Row 2: Location	Contract Price	Row 1: Procuring Entity Row 2: Address Row 3: Contact Person/Tel. No.	Description of Goods	Date of Award	Date Completed

Attached herewith are the following documents: Contract Agreement, Notice of Award, Notice to Proceed, Official Receipt/Invoice, Certificate of Final Inspection, and Certificate of Acceptance, as evidences in support of the foregoing information.

I/We certify that the foregoing information and all of the supporting documents are true and correct.

*[Signature]*  
*[Name of Bidder or Authorized Representative]*  
*[Position or Title]*

## Bid-Securing Declaration

Republic of the Philippines  
City/Municipality Of \_\_\_\_\_ ) S.S.

x-----x

**Invitation to Bid** [*Insert reference number*]

To: **Tarlac State University**

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1 (f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and
    - i) I/we failed to timely file a request for reconsideration or
    - ii) I/we filed a waiver to avail of said right;
  - c. I am/we are declared as the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

**IN WITNESS WHEREOF**, I/We have hereunto set my/our hand/s this \_\_\_\_ day of [*month*] [*year*] at [*place of execution*].

[*Signature*]  
[*Name of Bidder's Authorized Representative*]  
[*Signatory's legal capacity*]  
Affiant

**SUBSCRIBED AND SWORN** to before me this \_\_\_ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. \_\_\_\_\_.

Witness my hand and seal this \_\_\_ day of *[month]* *[year]*.

*[Name and Signature of Notary Public]*

**Serial No. of Commission** \_\_\_\_\_

**Notary Public for** \_\_\_\_\_ **until** \_\_\_\_\_

**Roll of Attorneys No.** \_\_\_\_\_

**PTR No.** \_\_, *[date issued]*, *[place issued]*

**IBP No.** \_\_, *[date issued]*, *[place issued]*

**Doc. No.** \_\_\_\_

**Page No.** \_\_\_\_

**Book No.** \_\_\_\_

**Series of** \_\_\_\_.

# [Bidder's Letterhead]

[Date]

To: Tarlac State University  
Re: Invitation to Bid No.

## Compliance to the Technical Specifications

Item No.	Description	<b>Bidder's Compliance</b> State "Comply" below if your offer is complying with the specifications, otherwise state "We are offering the same goods with the following specifications [State the complete specifications of the alternative offer]"
<b>Laboratory Chemicals and Reagents</b>		
1.	1-BROMO-2,2-DIMETHYLPROPANE, 100mL reagent grade w/MSDS	
2.	1-BROMOBUTANE, 100mL reagent grade w/MSDS	
3.	1-CHLOROBUTANE, 100mL reagent grade w/MSDS	
4.	2,2'-AZINO-BIS(3-ETHYLBENZTHIAZOLINE-6-SULFONIC ACID) DIAMMONIUM SALT (ABTS), 2g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
5.	2,2-DIPHENYL-1-PICRYLHYDRAZYL (DPPH), free radical- 100mg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
6.	2-BROMO-2-METHYLPROPANE, 100mL reagent grade w/MSDS	
7.	2-BROMOBUTANE, 100mL reagent grade w/MSDS	
8.	2-BUTANONE, 500mL reagent grade w/MSDS	
9.	ACETANILIDE, 100g reagent grade w/MSDS	
10.	ACETANIMIDE, 500g reagent grade w/MSDS	
11.	ACETONE, 1 Liter per bottle, with MSDS and 3-5 years expiry, Lab Grade	
12.	ACRYLAMIDE, BIS-ACRYLAMIDE Bioreagent, suitable for electrophoresis, 30% solution, 29:1; 100 mL bottle; 5pcs/pack	
13.	ADIPIIC ACID, 100g reagent grade w/MSDS	
14.	ALAMARBLUE CELL VIABILITY REAGENT, 25mL	

15.	ALCOHOL, Denatured Alcohol in Leakproof Bottle; 1L bottle	
16.	ALCOHOL, Denatured Alcohol, 500 mL	
17.	AMMONIUM HYDROXIDE, 30% - 1L AR grade; solution; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
18.	AMPICILLIN SODIUM SALT, powder or crystals, Bioreagent, suitable for cell culture; 5g per pack	
19.	ANHYDROUS CALCIUM CHLORIDE, 100g reagent grade w/MSDS	
20.	ANHYDROUS ETHANOL, 99.5%- 1L, with SDS and 3-5 years expiry	
21.	ANISOLE, 500mL reagent grade w/MSDS	
22.	ANTIMICROBIAL SUSCEPTIBILITY DISKS, ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. PENICILLIN, 10 units - Quantity: 50 Disks/Cartridge; Concentration: 10 units; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
23.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. AZITHROMYCIN ANTIMICROBIAL SUSCEPTIBILITY DISCS, 15ug - Quantity: 50 Disks/Cartridge; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
24.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. ERYTHROMYCIN ANTIMICROBIAL SUSCEPTIBILITY DISC, 15 ug - Quantity: 50 Disks/Cartridge; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
25.	ANTIMICROBIAL SUSCEPTIBILITY TESTING DISC, Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 to 8 degrees Celsius. Longer term storage should be at -20 degree Celsius. Allow discs to reach room temperature before opening. FLUCONAZOLE, TRIAZOLE DISCS, 25ug - Quantity: 50 Disks/Cartridge; Concentration: 25µg; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3	

	years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
26.	ASCORBIC ACID, 99%- 500g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
27.	ASPIRIN, 500g reagent grade w/MSDS	
28.	AUREUS CHROMOSELECT AGAR BASE, 500 g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
29.	BENEDICTS SOLUTION, 500mL - with MSDS and 3-5 years expiry	
30.	BENZOIC ACID, 500g - with MSDS and 3-5 years expiry	
31.	BENZOIN, 10g reagent grade w/MSDS	
32.	BENZYL BROMIDE, 100mL reagent grade w/MSDS	
33.	BILE SOLUTION, 100g - with MSDS and 3-5 years expiry	
34.	BIURET REAGENT, 500mL reagent grade w/MSDS	
35.	BROMINE WATER, 500mL reagent grade w/MSDS	
36.	BROMINE WATER, saturated solution- approx. 3%, 500mL; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
37.	BROMINE, Reagents, 500g - with MSDS and 3-5 years expiry	
38.	BROMOCRESOL PURPLE, Bioreagent, suitable for indicator, Dye content 90 %, soluble in ethanol at 1mg/ml ratio, 25g	
39.	BROMPHENOL DYE, Xylene Cyanole Dye solution, lyophilized powder, 5ml/tube	
40.	BUFFER SOLUTION, Tris-Edta Buffer Solution for molecular biology, pH 8.0, 500 ml per bottle	
41.	CALCIUM CARBIDE, 500g reagent grade w/MSDS	
42.	CALCIUM CHLORIDE, 500g reagent grade w/MSDS	
43.	CALCIUM HYDROXIDE SOLUTION, 0.14 %(w/v) Saturated Solution - 500mL - with MSDS and 3-5 years expiry	
44.	CALIBRATION BUFFER SOLUTION, pH 10 calibration buffer solution 500mL with MSDS	
45.	CALIBRATION BUFFER SOLUTION, pH 4 calibration buffer solution 500mL with MSDS	
46.	CALIBRATION BUFFER SOLUTION, pH 7.01 calibration solution 1L with MSDS	
47.	CARBON TETRACHLORIDE, 1L reagent grade w/MSDS	

48.	CHEMICAL, BOD Analysis for wastewater, Nutrients: 1 btl of Ferric chloride hexahydrate, FeCl <sub>3</sub> .6H <sub>2</sub> O, 500 grams, analytical grade; 1 bottle Calcium chloride dihydrate, 500g; 1 btl of Potassium dihydrogen phosphate monobasic (KH <sub>2</sub> PO <sub>4</sub> ), analytical grade, (500 g); 1 btl of Dipotassium phosphate (K <sub>2</sub> HPO <sub>4</sub> ) analytical grade, (500 g); 1 btl of Disodium hydrogen phosphate heptahydrate, Na <sub>2</sub> HPO <sub>4</sub> .7H <sub>2</sub> O, 500 grams, analytical grade; 1 bottle of Ammonium chloride, 500 grams, analytical grade. 1 bottle magnesium sulfate heptahydrate, 500 grams, analytical grade. Fixing reagents: 2 bottles Manganous sulfate monohydrate, 500 g, AR grade; 3 btl Sodium hydroxide, NaOH, 1 Kg, analytical grade; 1 bottle Sodium Azide, 100g; 3 bottles Potassium Iodide, 500 grams; 1 can of BOD Seed Inoculum, 50 capsules/can, A blend of specialized microbial cultures in an easy-to-use capsule. Designed to provide a uniform standard for the degradation of both industrial and municipal waste in BOD <sub>5</sub> analyses. Package of 50 capsules or less (preferably 5-10 capsules only). International Laboratory Supply (InterLab), LTD * Consistent seed source: same bacteria, same type of bacteria, same amount of bacteria blend * Known bacterial content is free from pathogens * Save and convenient pre-measured dry product in easy-to-use capsules * Two years shelf life"	
49.	CHEMICAL, for Anionic Surfactants analysis of water, 1 box Stock Detergent LAS, 60 mg/L ampules. 16 ampules per box; 1 btl of Sodium dihydrogen phosphate monohydrate, NaH <sub>2</sub> PO <sub>4</sub> .H <sub>2</sub> O, 500 grams, analytical grade; "	
50.	CHEMICAL, for COD analysis of wastewater, 1 bottle of silver sulfate (25g). Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date."	
51.	CHEMICAL, for nitrite analysis of water, 1 btl of N,N-Diethyl-p-phenylenediamine (DPD) indicator, 25 grams or lesser, analytical grade; 1 btl of Sodium oxalate, analytical grade (50-100 g); 1 btl of Sodium nitrite, analytical grade (500 g) as standard for nitrite analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date. After sales provision on certificate of extension of expiry date."	
52.	CHEMICAL, for silica analysis of drinking water, 1 btl of Sodium metasilicate nonahydrate (100 g) analytical grade; 1 btl of 1,000 mg/L Silicon, Si, analytical grade (500mL); 1 btl of Sodium borate decahydrate, 25 grams, analytical grade; 1 btl of Sodium bisulfite 100 grams, analytical grade; 2 btls Ethanol, C <sub>2</sub> H <sub>5</sub> OH, analytical grade (4 L). Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
53.	CHEMICAL, For color in water, Standard color solution 500 Pt-Co units, 1000mL	
54.	CHEMICAL, Potassium nitrate, KNO <sub>3</sub> , ≥90% - ≤100%, 500 grams. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	
55.	CHEMICAL, EC Broth 500g - a selective media used for isolation of coliforms, including Escherichia coli, from water samples.	



56.	CHEMICAL, Kovac's Indole Reagent 100 mL, used for detection of presence of indole produced by microorganisms due to tryptophan deamination.	
57.	CHEMICAL, Lauryl Sulfate Tryptose Broth, 500g - a selective media used for detecting coliforms in water samples	
58.	CHEMICAL, Plate Count Agar, 500g - used for enumerating heterotrophic bacteria from water samples	
59.	CHEMICAL, TEST KIT, For nitrate analysis, With low range NO <sub>3</sub> <sup>-</sup> (0.01 - 0.50 mg/L NO <sub>3</sub> <sup>-</sup> -N). To include. NitraVer 6 Nitrate Reagent Powder Pillow, 10-mL; NitriVer® 3 Nitrite Reagent Powder Pillow, 10-mL. Set good for 100 tests. Should be compatible with HACH DR 900. Shelf life should be at least 3 years or longer from date of purchase. Supplier should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	
60.	CHLORAMPENICOL, 100G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
61.	CHLOROFORM, 1L, with MSDS and 3-5 years expiry	
62.	CHLOROFORM, anhydrous, ≥99%, contains 0.5-1.0% ethanol as stabilizer, 2 L in Sure/Seal™ bottle.	
63.	CHLORTETRACYCLINE, 100G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
64.	COPPER SULFATE PENTAHYDRATE, 500g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
65.	CUPRIC ACETATE, 25g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
66.	CUPRIC OXIDE, 500g - with MSDS and 3-5 years expiry	
67.	CYCLOHEXANE, Reagents, 500g - with MSDS and 3-5 years expiry	
68.	CYCLOHEXANOL, 500mL reagent grade w/MSDS	
69.	DICHLORAN 18 % GLYCEROL AGAR, dehydrated; 500G per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
70.	DICHLORAN ROSE BENGAL CHLORAMPENICOL AGAR, dehydrated, 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	

71.	DIETHYL ETHER, 2.5L reagent grade w/MSDS	
72.	DIPHENYLAMINE, >99%- 100g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
73.	DISODIUM HYDROGEN PHOSPHATE HEPTAHYDRATE, Sodium phosphate dibasic- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
74.	DISTILLED WATER, 20L per carboy	
75.	DISTILLED WATER, Pure Distilled Drinking Water 6Liter	
76.	DNA STEP LADDER, 50 BP DNA Step Ladder DNA Ladder, Step Ladder, 50 bp, 17 Fragments, 50-3000 bp, for DNA electrophoresis; 50ug per vial	
77.	EDTA ACS, Reagent, 99.4-100.6%, powder, 500 g in poly bottle	
78.	EGG YOLK TELLURITE EMULSION, 100 ml per vial; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
79.	ERYTHROSINE, 25grams reagent grade w/MSDS	
80.	ETHANOL, 90%, 1L reagent grade w/MSDS	
81.	ETHIDIUM BROMIDE, Fluorescent stain, Bioreagent, for molecular biology, 500 µg/mL in H <sub>2</sub> O, 5ml	
82.	ETHYL ALCOHOL, 95% - 20L, with SDS and 3-5 years expiry, Laboratory Grade	
83.	ETHYL ALCOHOL, 95% - 4L, with MSDS and 3-5 years expiry, Laboratory Grade	
84.	FERRIC CHLORIDE, 100 g, with SDS and at least 3-5 years expiry	
85.	FLUORESC EIN, 25 g reagent grade w/MSDS	
86.	FOLLIN-CIOCALTEU'S PHENOL, reagent - 500mL AR grade; liquid/ solution; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
87.	FUMARIC ACID, 500g reagent grade w/MSDS	
88.	FUSCHIN ACID, 25-gram reagent grade w/MSDS	
89.	GALLIC ACID MONOHYDRATE, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
90.	GELATIN POWDER, 500g reagent grade w/MSDS	

91.	GLACIAL ACETIC ACID, 1L, with SDS and at least 3-5 years expiry, Lab grade	
92.	GLACIAL ACETIC ACID, 500 ML, with MSDS and 3-5 years expiry	
93.	GLYCEROL, /glycerin, Hydroxybenzene - 500mL - with MSDS and 3-5 years expiry	
94.	GLYCEROL, 4L reagent grade w/MSDS	
95.	GRAM STAIN KITS AND REAGENTS, contains one 250 mL bottle of each of the following: gram crystal violet solution, gram safranin solution, gram decolorizer solution and gram iodine solution (stabilized); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
96.	HEXANE, 1L, with SDS and at least 3-5 years expiry, Lab grade	
97.	HEXANE, Reagents 500mL - with MSDS and 3-5 years expiry	
98.	HOPKINS COLE REAGENT, 1-liter reagent grade w/MSDS	
99.	HYDROGEN PEROXIDE, H <sub>2</sub> O <sub>2</sub> , ≥25% - <35%. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. Either in 500 mL or 1L bottle packaging. Total of 1.250 liters required. After sales provision on certificate of extension of expiry date.	
100.	ICP MULTI-ELEMENT STANDARD SOLUTION, 100 mL, analytical grade. (23 elements in diluted nitric acid) 1000 mg/l: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn. Shelf life should be at least 3 years or longer from date of purchase. Supplier should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	
101.	INDIGO CARMINE, 25g reagent grade w/MSDS	
102.	IODINE CRYSTAL, >99%- 100g AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
103.	IODINE SOLUTION, 1L, with MSDS and 3-5 years expiry -	
104.	ISOPROPANOL, 2-Propanol, Bioreagent, for molecular biology, ≥99.5%, 1L bottle (2025)	
105.	ISOPROPYL ALCOHOL, 100% - 1L, with MSDS and 3-5 years expiry , Laboratory Grade	
106.	KOVAC'S REAGENT, 100 ml per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
107.	LEAD IODIDE, 50g reagent grade with MSDS	
108.	LYSOZYME, ≥100,000 units/mg protein, lyophilized powder; 1g in glass bottle	

109.	MAGNESIUM CHLORIDE, PCR Reagent, 25 mM MgCl <sub>2</sub> solution for PCR, 5ml per pack	
110.	MAGNESIUM SULFATE, Heptahydrate, reagent grade, 500g bottle	
111.	MALEIC ACID, 500g reagent grade w/MSDS	
112.	MONOSODIUM PHOSPHATE, Sodium phosphate monobasic- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
113.	MRS AGAR, (De Man, Rogosa, Sharpe) For Microbiology, for the growth of lactobacilli, 500G; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
114.	MRS AGAR, Vegitone, suitable for microbiology, 500g	
115.	MRS BROTH, (De Man, Rogosa, Sharpe) For Microbiology, for the growth of lactobacilli, 500G; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
116.	MRS BROTH, Vegitone, suitable for microbiology, 500g	
117.	MUELLER HINTON AGAR, (500g) - is for cultivation of Neisseria and for determination of susceptibility of microorganisms to antimicrobial agents. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
118.	MUELLER HINTON BROTH, (500g) - is used to determine the susceptibility of bacteria to Sulphonamides by the tube dilution method. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
119.	N-BUTANOL, N-Boc-DL-2-amino-1-butanol - 5g - with MSDS and 3-5 years expiry	
120.	NINHYDRIN SOLUTION, 2%- 100mL AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
121.	NITRIC ACID, 4-liter reagent grade w/MSDS	
122.	NITRIC ACID, HNO <sub>3</sub> , 100%. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. 5 bottles of 2.5 liters each. Total of 12.5 liters. After sales provision on certificate of extension of expiry date.	
123.	NORMAL-PENTANE, 1-liter reagent grade w/MSDS	
124.	N-PENTANOL, 500mL reagent grade w/MSDS	

125.	NUTRIENT AGAR, (500g) - agar used for the cultivation of less fastidious microorganisms can be enriched with blood or other biological fluids. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
126.	NUTRIENT BROTH, (500g) - a sterility testing medium for aerobes in accordance with IP. (Pack size is 500G); Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
127.	ORCINOL, 25g reagent grade w/ MSDS (2025)	
128.	OXYGEN ABSORBER, 300cc; Activated Clay Desiccant Sachet (Food Grade/ Food safe and Non toxic); 100 pcs/pack	
129.	PANCREATIN, 100g reagent grade w/MSDS	
130.	PCR 100BP LOW LADDER, for electrophoresis of PCR fragments	
131.	PCR AMPLIFICATION, Plates 96 multwell PCR plate, 96 well PCR microplate, 96 well PCR plate, 96 well microtiterlate, 25 pcs per pack	
132.	P-DICHLOROBENZENE, 500g reagent grade w/MSDS	
133.	PEPSIN, 100g reagent grade w/MSDS	
134.	PETROLEUM ETHER, 5L, with MSDS and 3-5 years expiry	
135.	PH ELECTRODE STORAGE SOLUTION, pH Electrode storage solution 500mL with MSDS	
136.	PHENOL, 100g - with MSDS and 3-5 years expiry	
137.	PHENOL, Phenol: Chloroform: Isoamyl Alcohol 25:24:1 Saturated with 10 mM Tris, pH 8.0, 1 mM EDTA, Supplied with Equilibration buffer, for molecular biology, 100 mL in glass bottle	
138.	PHENOL, Solution Equilibrated with 10 mM Tris HCl, pH 8.0, 1 mM EDTA, BioReagent, for molecular biology, 100 mL in glass bottle	
139.	PHENOLPHTHALEIN, 1%/95% Alc 500mL - with MSDS and 3-5 years expiry	
140.	PHOSPHORIC ACID, H <sub>3</sub> PO <sub>4</sub> 85%- 2.5L AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
141.	PICRIC ACID, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
142.	PLATE COUNT AGAR, A non-selective medium for the plate count of microorganisms in water, milk and other dairy products; 500 g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at	

	least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
143.	P-NITROPHENOL, 25 g reagent grade w/MSDS	
144.	POTASSIUM BISULFATE, 250g reagent grade	
145.	POTASSIUM BISULFATE, 500g reagent grade w/MSDS	
146.	POTASSIUM BROMIDE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
147.	POTASSIUM CHLORATE, 500grams reagent grade with MSDS	
148.	POTASSIUM CHLORIDE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
149.	POTASSIUM DICHROMATE, 500g; AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
150.	POTASSIUM DIHYDROGEN PHOSPHATE, Potassium phosphate monobasic- 500kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
151.	POTASSIUM HYDROXIDE, 500G, with MSDS and 3-5 years expiry	
152.	POTASSIUM IODIDE, 100G, with MSDS and 3-5 years expiry	
153.	POTASSIUM IODIDE, 500G, ith MSDS and 3-5 years expiry	
154.	POTASSIUM PERMANGANATE, KMnO <sub>4</sub> , ≤100%, 500 grams. Analytical Grade. Shelf life should be at least 3 years or longer from date of purchase. Supplier should have updated PNP Permit. Should provide SDS and Certificate of Analysis upon delivery. After sales provision on certificate of extension of expiry date.	
155.	POTASSIUM PERMANGANATE, Reagents ≤150 μm particle size, 97% - 500g - with MSDS and 3-5 years expiry	
156.	POTASSIUM PERSULFATE, 500g; AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
157.	POTASSIUM SODIUM TARTRATE TETRAHYDRATE, 500g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
158.	POTATO DEXTROSE AGAR, (500g) - Agar used for the isolation and enumeration of yeasts and moulds from dairy and other food products. (Pack size is 500G);	

	Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
159.	POTATO DEXTROSE BROTH, (500g) - is for cultivation and enumeration of yeasts and moulds.; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
160.	PRIMER FORWARD	
161.	PRIMER REVERSE	
162.	PROPANOIC ACID, Propionic acid, 500mL reagent grade w/MSDS	
163.	RAPID HICOLIFORM BROTH, 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
164.	RESORCINOL, 500g AR grade; flakes; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
165.	RESORCINOL, 50g reagent grade w/MSDS	
166.	RNASE A SOLUTION, molecular grade, 25 ml bottle	
167.	SAFRANIN SOLUTION, 100mL, reagent grade w/MSDS	
168.	SALICYLIC ACID, 100g reagent grade w/MSDS	
169.	SALMONELLA CHROMOGEN AGAR SET, Salmonella Chromogen Agar Base (4x29g); Salmonella Chromogen Agar Supplement (4 vials); per set; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
170.	SEC-BUTANOL, 1L reagent grade w/MSDS	
171.	SELIWANOFFS REAGENT, 100mL reagent grade w/MSDS	
172.	SILICA GEL, desiccant- ACS 500g; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
173.	SILICA GEL, Food Grade Silica Gel Desiccant; Moisture Absorber For Food And Medication; [100pcs x 1 gram]	
174.	SILVER NITRATE, 100-gram reagent grade w/MSDS	
175.	SILVER NITRATE, 10gram reagent grade w/MSDS	
176.	SILVER NITRATE, 50g, High purity, 99.9%, with SDS and 3-5 years expiry	
177.	SODIM CITRATE, 99%- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer	

	from date of purchase. After sales provision on certificate of extension of expiry date.	
178.	SODIUM ACETATE, anhydrous- 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
179.	SODIUM CARBONATE, 1kg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
180.	SODIUM CHLORATE, 500g reagent grade w/MSDS	
181.	SODIUM CHLORIDE, technical grade; 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
182.	SODIUM DODECYL SULFATE, BioReagent, suitable for electrophoresis, for molecular biology, ≥98.5% (GC); 100g per bottle	
183.	SODIUM HYDROXIDE, pellets; technical grade; 500g per bottle; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
184.	SODIUM IODIDE, 100g reagent grade w/MSDS	
185.	SODIUM NITRATE, 1kg AR grade; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
186.	SODIUM NITRITE, 500mg AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
187.	SODIUM THIOSULFATE, concentrate for 1L standard solution, 0.01 M Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (0.01N), Each	
188.	STARCH SOLUTION, 500 mL, with MSDS and 3-5 years expiry	
189.	SUCROSE, 500g - with MSDS and 3-5 years expiry	
190.	SULFUR POWDER, 325 mesh, 99.5% - 5g - with MSDS and 3-5 years expiry	
191.	SULFURIC ACID, 1L, with MSDS and 3-5 years expiry -	
192.	TANNIC ACID, 100g AR grade; powder; Provide SDS of the chemical and certificate of analysis. Shelf life should be at least 3 years or longer from date of purchase. After sales provision on certificate of extension of expiry date.	
193.	TAQ DNA POLYMERASE, with 10× PCR reaction buffer without MgCl <sub>2</sub> , 250 units per pack(from <i>Thermus aquaticus</i> )	



194.	T-BUTANOL, 1L reagent grade w/MSDS	
195.	T-BUTYLBROMIDE, 100mL reagent grade w/MSDS	
196.	TOLUENE, Reagents, 500g - with MSDS and 3-5 years expiry	
197.	TRICHLOROCETIC ACID, 100g - with MSDS and 3-5 years expiry	
198.	TRIS-BORATE-EDTA BUFFFER, Bioreagent, suitable for electrophoresis, 10× concentrate; 1L per bottle	

**Note:** Bidders must state in the Statement of Compliance either “**Comply**” or “**Not Comply**” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provision of **ITB** Clause 4.

Attached herewith are the manufacturer’s product literature(s) and certification(s) that we are authorized to sell the goods.

We certify that the foregoing information and the supporting documents are true and correct.

[Signature]  
[Name of Authorized Signatory]  
[Position/Title of Authorized Signatory]

## Omnibus Sworn Statement

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, *[Name of Affiant]*, of legal age, *[Civil Status]*, *[Nationality]*, and residing at *[Address of Affiant]*, after having been duly sworn in accordance with law, do hereby depose and state that:

1. **Select one, delete the other:**

- b. *If a sole proprietorship:* I am the sole proprietor or authorized representative of *[Name of Bidder]* with office address at *[address of Bidder]*;
- c. *If a partnership, corporation, cooperative, or joint venture:* I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

2. **Select one, delete the other:**

- a. *If a sole proprietorship:* As the owner and sole proprietor, or authorized representative of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached *duly notarized Special Power of Attorney*;
  - b. *If a partnership, corporation, cooperative, or joint venture:* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)]*;
3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. **Select one, delete the rest:**

- a. *If a sole proprietorship:* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
- b. *If a partnership or cooperative:* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of

the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- c. *If a corporation or joint venture:* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
7. *[Name of Bidder]* complies with existing labor laws and standards; and
  8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
    - a. Carefully examine all of the Bidding Documents;
    - b. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
    - c. Made an estimate of the facilities available and needed for the contract to be bid, if any; and
    - d. Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
  9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
  10. In case advance payment was made or given, failure to perform or deliver any of obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to delivery certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

\_\_\_\_\_  
Bidder's Representative/Authorized Signatory

**SUBSCRIBED AND SWORN** to before me this \_\_\_ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. \_\_\_\_\_ and his/her Community Tax Certificate No. \_\_\_\_\_ issued on \_\_\_ at \_\_\_\_\_.

Witness my hand and seal this \_\_\_ day of *[month]* *[year]*.

**NAME OF NOTARY PUBLIC**

Serial No. of Commission \_\_\_\_\_  
Notary Public for \_\_\_\_\_ until \_\_\_\_\_  
Roll of Attorneys No. \_\_\_\_\_  
PTR No. \_\_\_\_\_ *[date issued]*, *[place issued]*  
IBP No. \_\_\_\_\_ *[date issued]*, *[place issued]*

Doc. No. \_\_\_\_\_  
Page No. \_\_\_\_\_  
Book No. \_\_\_\_\_  
Series of \_\_\_\_\_

# [Bidder's Letterhead]

[Date]

To: Tarlac State University  
Re: Invitation to Bid No.

## NET FINANCIAL CONTRACTING CAPACITY

Based on our Income Tax Return and Audited Financial Statement for the Fiscal Year [YEAR], duly submitted to the Bureau of Internal Revenue, and which form part of our Bid, the summary of our firm's financial condition is as given below:

		Year [YEAR]
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

Based on the aforementioned data and the Value of Outstanding Works from the Statement of All Ongoing Government and Private Contracts, which also form part of our Bid, our Net Financial Contracting Capacity (NFCC) is:

**NFCC** = [(current asset minus current liabilities) (**15**)] minus [value of all outstanding or uncompleted portions of the projects under ongoing contracts including awarded contracts yet to be started coinciding with the contract to be bid].

**NFCC** =

I/We certify that the foregoing information and all of the supporting documents are true and correct.

[Signature]  
[Name of Bidder or Authorized Representative]  
[Position or Title]

# *[Bidder's Letterhead]*

[Date]

## FINANCIAL BID FORM

To: Tarlac State University  
Re: Invitation to Bid No.

Having examined the Bidding Documents [*insert if any or delete, if none: including Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged*], we, the undersigned, offer to [*supply/deliver/perform*] [*description of the Goods*] in conformity with the said Bidding Documents for the sum of [*total Bid amount in words and figures*] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

If our Bid is accepted, we commit to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **ITB** Clause 14.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, [*for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of [Bidder], has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the [Name of Project] of the Tarlac State University*] [*for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the [Bidder], to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for [Name of Project] of the Tarlac State University*].

We acknowledge that failure to sign each and every page of this Financial Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
[signature]

\_\_\_\_\_  
[in the capacity of]

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

# [Bidder's Letterhead]

[Date]

To: Tarlac State University  
Re: Invitation to Bid No.

## SCHEDULE OF PRICES

Line Item No.	Description	Qty.	Unit	Unit Price	Total Price
<b>Laboratory Chemicals and Reagents</b>					
1.	1-Bromo-2,2-Dimethylpropane,	1	bottle		
2.	1-Bromobutane,	2	bottle		
3.	1-Chlorobutane,	1	bottle		
4.	2,2'-Azino-Bis (3-Ethylbenzthiazoline-6-Sulfonic Acid) Diammonium Salt (Abts)	1	bottle		
5.	2,2-Diphenyl-1-Picrylhydrazyl (DPPH)	1	bottle		
6.	2-Bromo-2-Methylpropane	1	bottle		
7.	2-Bromobutane	2	bottle		
8.	2-Butanone	1	bottle		
9.	Acetanilide	1	bottle		
10.	Acetanimide	1	bottle		
11.	Acetone	2	bottle		
12.	Acrylamide	2	pack		
13.	Adipic Acid	1	bottle		
14.	Alamarblue Cell Viability Reagent	2	bottle		
15.	Alcohol, Denatured	10	bottle		
16.	Alcohol, Denatured	2	bottle		
17.	Ammonium Hydroxide	2	bottle		
18.	Ampicillin Sodium Salt	1	bottle		
19.	Anhydrous Calcium Chloride	5	bottle		
20.	Anhydrous Ethanol	2	bottle		
21.	Anisole	1	bottle		
22.	Antimicrobial Susceptibility Disks,	10	cart		
23.	Antimicrobial Susceptibility Testing Disc	3	pack		
24.	Antimicrobial Susceptibility Testing Disc	3	pack		
25.	Antimicrobial Susceptibility Testing Disc	3	pack		
26.	Ascorbic Acid	1	bottle		
27.	Aspirin	1	bottle		
28.	Aureus Chromoselect Agar Base	2	bottle		
29.	Benedicts Solution	2	bottle		
30.	Benzoic Acid	2	bottle		
31.	Benzoin	1	bottle		
32.	Benzyl Bromide	1	bottle		

33.	Bile Solution	2	bottle		
34.	Biuret Reagent	2	bottle		
35.	Bromine Water	1	bottle		
36.	Bromine Water	1	bottle		
37.	Bromine	2	bottle		
38.	Bromocresol Purple	2	bottle		
39.	Bromphenol Dye	1	tube		
40.	Buffer Solution	2	bottle		
41.	Calcium Carbide	1	bottle		
42.	Calcium Chloride	1	bottle		
43.	Calcium Hydroxide Solution	2	bottle		
44.	Calibration Buffer Solution	10	bottle		
45.	Calibration Buffer Solution	10	bottle		
46.	Calibration Buffer Solution	5	bottle		
47.	Carbon Tetrachloride	1	bottle		
48.	Chemical, Bod Analysis for Wastewater	1	lot		
49.	Chemical, For Anionic Surfactants Analysis of Water	1	lot		
50.	Chemical, For Cod Analysis of Wastewater	1	lot		
51.	Chemical, For Nitrite Analysis of Water	1	lot		
52.	Chemical, For Silica Analysis of Drinking Water	1	lot		
53.	Chemical, for Color in Water	1	bottle		
54.	Chemical, Potassium Nitrate	1	bottle		
55.	Chemical, EC Broth 500g	2	bottle		
56.	Chemical, Kovac's Indole Reagent	3	bottle		
57.	Chemical, Lauryl Sulfate Tryptose Broth 500g	3	bottle		
58.	Chemical, Plate Count Agar 500g	2	bottle		
59.	Chemical, Test Kit, For Nitrate Analysis	1	kit		
60.	Chloramphenicol	5	bottle		
61.	Chloroform	5	bottle		
62.	Chloroform	1	bottle		
63.	Chlortetracycline	5	bottle		
64.	Copper Sulfate Pentahydrate	2	bottle		
65.	Cupric Acetate	1	bottle		
66.	Cupric Oxide	2	bottle		
67.	Cyclohexane	2	bottle		
68.	Cyclohexanol	1	bottle		
69.	Dichloran 18 % Glycerol Agar	2	bottle		
70.	Dichloran Rose Bengal Chloramphenicol Agar	2	bottle		
71.	Diethyl Ether	1	bottle		
72.	Diphenylamine	1	bottle		
73.	Disodium Hydrogen Phosphate Heptahydrate	1	bottle		
74.	Distilled Water	20	carboy		
75.	Distilled Water	25	bottle		
76.	DNA Step Ladder	1	vial		
77.	EDTA ACS	1	bottle		

78.	Egg Yolk Tellurite Emulsion	8	bottle		
79.	Erythrosine	1	bottle		
80.	Ethanol	10	bottle		
81.	Ethidium Bromide	1	tube		
82.	Ethyl Alcohol	2	gallon		
83.	Ethyl Alcohol	2	bottle		
84.	Ferric Chloride	1	bottle		
85.	Fluorescein	1	bottle		
86.	Follin-Ciocalteu's Phenol	1	bottle		
87.	Fumaric Acid	1	bottle		
88.	Fuschin Acid	1	bottle		
89.	Gallic Acid Monohydrate	1	bottle		
90.	Gelatin Powder	1	bottle		
91.	Glacial Acetic Acid	2	bottle		
92.	Glacial Acetic Acid	10	bottle		
93.	Glycerol	2	bottle		
94.	Glycerol	1	bottle		
95.	Gram Stain Kits and Reagents	2	set		
96.	Hexane	2	bottle		
97.	Hexane	2	bottle		
98.	Hopkins Cole Reagent	1	bottle		
99.	Hydrogen Peroxide	1	bottle		
100.	ICP Multi-Element Standard Solution	1	bottle		
101.	Indigo Carmine	1	bottle		
102.	Iodine Crystal	1	bottle		
103.	Iodine Solution	2	bottle		
104.	Isopropanol,	1	bottle		
105.	Isopropyl Alcohol	2	bottle		
106.	Kovac's Reagent	3	bottle		
107.	Lead Iodide	1	bottle		
108.	Lysozyme	1	bottle		
109.	Magnesium Chloride	1	bottle		
110.	Magnesium Sulfate	2	bottle		
111.	Maleic Acid	1	bottle		
112.	Monosodium Phosphate	1	bottle		
113.	MRS Agar	6	bottle		
114.	MRS Agar	1	pack		
115.	MRS Broth	6	bottle		
116.	MRS Broth	1	pack		
117.	Mueller Hinton Agar	3	bottle		
118.	Mueller Hinton Broth	3	bottle		
119.	N-Butanol	2	bottle		
120.	Ninhydrin Solution	1	bottle		
121.	Nitric Acid	1	bottle		
122.	Nitric Acid	5	bottle		
123.	Normal-Pentane	1	bottle		



124.	N-Pentanol	1	bottle		
125.	Nutrient Agar	3	bottle		
126.	Nutrient Broth	3	bottle		
127.	Orcinol	1	bottle		
128.	Oxygen Absorber	1	unit		
129.	Pancreatin	1	bottle		
130.	PCR 100bp Low Ladder	1	vial		
131.	PCR Amplification	1	pack		
132.	P-Dichlorobenzene	1	bottle		
133.	Pepsin	1	bottle		
134.	Petroleum Ether	5	bottle		
135.	Ph Electrode Storage Solution	2	bottle		
136.	Phenol	2	bottle		
137.	Phenol	1	bottle		
138.	Phenol	1	bottle		
139.	Phenolphthalein	6	bottle		
140.	Phosphoric Acid	1	bottle		
141.	Picric Acid	1	bottle		
142.	Plate Count Agar	1	bottle		
143.	P-Nitrophenol	1	bottle		
144.	Potassium Bisulfate	3	bottle		
145.	Potassium Bisulfate	1	bottle		
146.	Potassium Bromide	1	bottle		
147.	Potassium Chlorate	1	bottle		
148.	Potassium Chloride	1	bottle		
149.	Potassium Dichromate	1	bottle		
150.	Potassium Dihydrogen Phosphate	1	bottle		
151.	Potassium Hydroxide	1	bottle		
152.	Potassium Iodide	1	bottle		
153.	Potassium Iodide	1	bottle		
154.	Potassium Permanganate	1	bottle		
155.	Potassium Permanganate	2	bottle		
156.	Potassium Persulfate	1	bottle		
157.	Potassium Sodium Tartrate Tetrahydrate	1	bottle		
158.	Potato Dextrose Agar	1	bottle		
159.	Potato Dextrose Broth	1	bottle		
160.	Primer Forward	4	tube		
161.	Primer Reverse	4	tube		
162.	Propanoic Acid	1	bottle		
163.	Rapid Hicoliform Broth	2	bottle		
164.	Resorcinol	1	bottle		
165.	Resorcinol	1	bottle		
166.	Rnase A Solution	1	bottle		
167.	Safranin Solution	1	bottle		
168.	Salicylic Acid	1	bottle		
169.	Salmonella Chromogen Agar Set	2	bottle		

170.	Sec-Butanol	1	bottle		
171.	Seliwanoffs Reagent,	1	bottle		
172.	Silica Gel,	2	bottle		
173.	Silica Gel, Food Grade Silica Gel Dessicant	2	unit		
174.	Silver Nitrate,	1	bottle		
175.	Silver Nitrate,	3	bottle		
176.	Silver Nitrate,	1	bottle		
177.	Sodim Citrate	1	bottle		
178.	Sodium Acetate	1	bottle		
179.	Sodium Carbonate	1	bottle		
180.	Sodium Chlorate	1	bottle		
181.	Sodium Chloride	4	bottle		
182.	Sodium Dodecyl Sulfate	1	bottle		
183.	Sodium Hydroxide	4	bottle		
184.	Sodium Iodide	1	bottle		
185.	Sodium Nitrate	1	bottle		
186.	Sodium Nitrate	1	bottle		
187.	Sodium Thiosulfate	5	bottle		
188.	Starch Solution,	3	bottle		
189.	Sucrose,	2	bottle		
190.	Sulfur Powder	2	bottle		
191.	Sulfuric Acid,	2	bottle		
192.	Tannic Acid	1	bottle		
193.	Taq Dna Polymerase	2	bottle		
194.	T-Butanol	1	bottle		
195.	T-Butylbromide	1	bottle		
196.	Toluene	2	bottle		
197.	Trichloroacetic Acid	2	bottle		
198.	Tris-Borate-Edta Buffer	2	bottle		
<b>Aggregate Bid Amount</b>					

*[Signature]*  
 [Name of Authorized Signatory]  
*[Position/Title of Authorized Signatory]*