



Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
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BSWM- BIDS AND AWARDS COMMITTEE
SUPPLEMENTAL BID BULLETIN NO. 1

CONTRACT: Supply and Delivery of various Chemicals, Laboratory supplies, Microbiological Parameters and Certified and Quality Reference Materials for CY 2024- IB NO: BSWM 2024-01-020

This Addendum is being issued in accordance with Section 22.5.2 of the IRR of RA 9184, to clarify and modify some provisions of the Bidding Document. **THIS SHALL FORM AN INTEGRAL PART OF THE BID DOCUMENT.** Likewise, the succeeding agreements and reminders were discussed during the Pre-Bid Conference held last February 15, 2024 at the BSWM Function Room and via Videoconferencing-Zoom.

AMENDMENTS OF THE BIDDING DOCUMENT:

ORIGINAL	AMENDED
Section I. Invitation to Bid: Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 6,178,040.00) Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 4,429,950.00) Lot 3- Supply and Delivery of various Microbiological Parameters (ABC: PhP 554,300.00) Lot 4- Supply and Delivery of various Certified and Quality Reference Materials (ABC: PhP 2,856,960.00)	Section I. Invitation to Bid: Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 6,094,040.00) Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 4,420,950.00) Lot 3- Supply and Delivery of various Microbiological Parameters (ABC: PhP 554,300.00) Lot 4- Supply and Delivery of various Certified and Quality Reference Materials (ABC: PhP 2,856,960.00) Cost of Bidding Document: Lot 1- PhP 6,000.00 Lot 2- PhP 5,000.00 Lot 3- PhP 600.00 Lot 4- PhP 3,000.00
Section II. Invitation to Bid: Clause 19.4 One Project having several items per lot, which shall be awarded as one contract per lot.	Section II. Invitation to Bid: Clause 19.4 Lot 1, Lot 2 and Lot 4- One Project having several items per lot, which shall be awarded per line-item basis. Lot 3- One Project having several items per lot, which shall be awarded as one contract per lot.
	<u>Please see attached Annex C for the Revised Section VII. Technical Specifications (For Lots 1 and 2)</u>



REMINDERS DURING THE PRE-BID CONFERENCE:

RA 9184 Section 30.1:

Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

“Any lacking document can cause the submitted bid be automatically rated failed.”

GPPB Resolution No. 15-2021 dated October 14, 2021

For the purpose of updating the Certificate of Registration and Membership, **all Class “A” eligibility documents** mentioned in Section 8.5, supporting the veracity, authenticity and validity of the Certificate **shall remain current and updated**. The **failure by the prospective bidder to update its Certificate with the current and updated Class “A” eligibility documents shall result in the automatic suspension of the validity of its Certificate** until such time that all of the expired Class “A” eligibility documents has been updated.

- Below are the **acceptable forms of bid security** that bidders may opt to use, **which shall include the Bid Securing Declaration**. The amount of which shall not be less than the required percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security Not less than the required Percentage of the ABC
Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.	Two percent (2%)
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	Two percent (2%)
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)
Bid Securing Declaration (Signed and Notarized)	

NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration.

Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED “FAILED”.

Please note that your Bids and Bid Securities should be valid and firm for a period that shall not exceed one hundred twenty (120) calendar days after the date of the opening of bids.

- Net Financial Contracting Capacity (NFCC):

The computation of a prospective bidder’s NFCC must be **at least equal to the ABC to be bid or, for procurement by lot, at least equal to the sum of all the ABCs of lots to which it participated.**

NFCC= Current assets minus current liabilities multiplied by 15 (constant factor) minus the value of all outstanding or uncompleted portions of on-going contracts, including awarded contract/s yet to be started, coinciding with the contract to be bid.

Awarding and Delivery Requirement: Delivery of goods is required within 60 calendar days upon receipt of NTP.

Important Reminders:

Supplier **shall coordinate with the End-user and Property Management Unit for final schedule of delivery.**

To schedule the delivery, please click this link or scan the QR code:



Sealing and Marking of Bid:

The bidders shall submit:

- ✓ One (1) ORIGINAL COPY.
- ✓ One (1) DUPLICATE COPY.
- ✓ One (1) PDF COPY in a USB – to be placed inside the Duplicate Copy of Technical Proposal and Duplicate Copy of Financial Proposal.

NOTE:

- All photocopied documents must be stamped and signed “Certified True Copy”.
- And all pages/documents must be duly signed by the authorized representative (both original and duplicate copies).
- For easy reference, all bidders are requested to provide dog-ear codes/ tabs in the presentation of their documents.

Reminders:

- Bidders responsibility to read, study, and review the Bidding Document and Bid Bulletin/s of the procurement project.
- Further clarification/s on the Bidding Document shall be in writing and must be submitted 10 days before the Opening of Bids.
- All bidders who wish to join the bidding shall download the attached document from PhilGEPS website to be included in the Document Request List (DRL).
- Bidders may download the updated Bidding Forms at GPPB Website (<https://www.gppb.gov.ph/downloadables.php>).
- In case of withdrawal of submitted bid, a letter stating their intention to withdraw from the project should be submitted by the bidder not later than the scheduled deadline of submission and opening of bids.
- Bidders declared to have the Lowest/ Single Calculated Bid will be subject for Post-qualification.
- Bidder shall submit the additional requirements listed on the NOTICE as LCB/ SCB within five (5) calendar days from receipt of Notice for Post qualification. Non-compliance can be grounds for post-disqualification.
- Winning Bidders declared to have the Lowest/Single Calculated and Responsive Bid shall submit its Performance Bond and Signed Contract Agreement within ten (10) calendar days from receipt of Notice of Award. Non-compliance can be grounds for forfeiture of award.
- Bidders shall comply **STRICTLY** with Section VI. Schedule of Requirement

Note:

NO EXTENSION shall be accepted/ entertained except on meritorious grounds. Late delivery without approved extension request shall be liable for liquidation damages in accordance with Section 3.1 Annex D of RA 9184.

Letter of extension shall receive by the BAC Secretariat before the lapse of the original delivery requirement.

Clause 4. Section II. Instruction to Bidders: 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.

A complete set of Bidding Document may be acquired by interested Bidders until **February 28, 2024 3:00PM** from the address and website.

DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:

Deadline of submission of bid proposals is on **February 29, 2024, 9:00AM**. Late submission shall not be accepted.

Opening of Bids is on **February 29, 2024, 9:30AM** at BSWM Convention Hall and via videoconferencing

For guidance and information of all concerned.

(Sgd)DENISE A. SOLANO
BAC Chairperson

ANNEX A

BSWM Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of Bid Security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S

BID SECURING DECLARATION

Project Identification No.: [Insert number]

To: [Insert name and address of the Procuring Entity]

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 shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).
3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement 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 the 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 No. 9184; without prejudice to other legal action the government may undertake.
4. 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; and
 - c. I am/we are declared 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].

[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

ANNEX B

Omnibus Sworn Statement (Revised) *[shall be submitted with the Bid]*

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:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[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:]*

[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;

[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:]*

[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;

[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;

[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 responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing 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 the 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 deliver 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.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

ANNEX C

Section VII. Technical Specifications

Item	Specification	Statement of Compliance
<p><i>[Bidders must state here 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 Bidder's 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 applicable laws and issuances.]</i></p>		

Lot 1- Supply and Delivery of various Chemicals

Item No.	Item Description	Quantity	Statement of Compliance
	Supply and Delivery of various Chemicals		
	LSD NSHP 2024-01-0050		
1	NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle	17	
2	NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	17	
3	NIST Traceable pH Buffer Solution pH 10.00; 1L/bottle	17	
4	EC Standard NIST Traceable with Certificate of Analysis, 84uS/cm, 500 ml/bottle	17	
5	EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 5bottle x60mL	17	
6	EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle	17	
7	EC Standard NIST Traceable with Certificate of Analysis, 1413uS/cm, 500 ml/bottle	17	
8	Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
9	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
10	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
11	Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
12	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
13	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
14	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
15	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle	17	
16	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	17	

17	Standard metal solutions for ICP, NIST Traceable with COA, 500mL/bottle: Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni	2	
18	L-lysine Monohydrochloride, NIST Traceable with Certificate of Analysis AR, 100g/bottle	17	
19	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analysis, ≥99% Powder, 100g/bottle	2	
20	Sucrose Standard, NIST Traceable with Certificate of Analysis, 100g/bottle	2	
21	Electrolyte solution, 3 M KCl, 50 mL, with Certificate of Analysis	6	
22	REFERENCE ELECTROLYTE FILL SOLUTION, 3.5 M KCl, 30 mL for double junction electrode, set of 4, with Certificate of Analysis	2	
23	Buffer Powder Pillows, pH 4.01, Color-coded Red, 250pcs./pk, NIST Traceable with COA	1	
24	Buffer Powder Pillows, pH 7.00 Color-coded Yellow, 250pcs./pk, NIST Traceable with COA	1	
25	Buffer Powder Pillows, pH 10.01 Color-coded Blue, 250pcs./pk, NIST Traceable with COA	1	
26	Standard phosphate solution, AR, 500mL/btl, NIST Traceable with COA	5	
27	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA	5	
28	Sodium hydroxide, pellets, 1 Kg/pack, Technical Grade	20	
29	Sodium hydroxide, flakes, 2 Kg/pack, Technical Grade	20	
30	Sodium Bicarbonate, AR, 500g/bottle	18	
31	Sodium Dithionite, AR, 500g/bottle	15	
32	Sodium Acetate, AR, 500g/bottle	15	
33	Sodium Citrate Tribasic Dihydrate, AR, 500g/bottle	15	
34	Ammonium Acetate, AR 98%, 500g/bottle	10	
35	Ammonium Fluoride, AR grade, 500g/bottle	7	
36	Potassium Dichromate, AR, Powder, 500g/bottle	15	
37	Ammonium Sulfate, AR, 500g/bottle	5	
38	Copper sulfate pentahydrate, AR, 500g/bottle	5	
39	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	
40	Ascorbic Acid, 100g/bottle, AR	10	
41	Potassium Antimony Tartrate, AR, 500g/bottle	20	
42	Methyl Red, AR, 5g/bottle	5	
43	Bromocresol green, AR, 5g/bottle	8	
44	Boric Acid AR, 500g/bottle	10	
45	Activated Charcoal, AR, Phosphate free, 1kg/bottle	5	
46	Sodium Hexametaphosphate, AR, 500g/bottle	20	
47	Chlorophenol Red, Indicator grade, AR, 5g/bottle,	7	
48	Bromothymol Blue Indicator, AR, 5g/bottle	5	
49	Sodium Cobaltinitrite, extra pure, AR, 100g/bottle	10	
50	Phenolphthalein, 500g/bottle, AR	6	
51	Ammonium metavanadate, AR, powder, 500g/bottle	2	
52	Ammonium Chloride, AR, 500g/bottle	6	
53	Ammonium hydroxide, conc., AR, 2.5 L/bottle	8	
54	Potassium chloride, AR, 500g/bottle	10	
55	Potassium Chromate, AR, 500g/bottle	7	
56	Silver Nitrate, AR, 250g/bottle	1	

57	Sodium chloride, AR, 500g/bottle	18	
58	Calcium Carbonate, 500g/bottle, AR	5	
59	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	2	
60	Potassium Nitrate, AR, 500g/bottle	2	
61	Magnesium Chloride hexahydrate, 500g/bottle, AR	2	
62	Kjeltabs VCM, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	3	
63	Sodium Nitrite, AR, 500g/bottle	20	
64	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	6	
65	Sulphanilamide, AR, 50 g/btl	5	
66	N-(1-naphtyl)-ethylenediamine dihydrochloride (NED), AR, 100g/btl	5	
67	Zinc powder, 99.99%, AR, 10g/btl	5	
68	p-nitroaniline, AR, 500g/btl	5	
69	Potassium bromide, AR, 250g/btl	5	
70	Aluminum potassium sulfate, AR, 100g/btl	5	
71	Aluminum ammonium sulfate, AR, 500g/btl	5	
72	Tin wire, >99.99% purity, 1m, diameter:0.5mm	5	
73	Polyvinyl alcohol (PVA), AR grade, 250g, 99.999% purity	5	
74	Sodium Carbonate, AR, 500g/btl	5	
75	Metacresol purple, AR, 5g/btl	5	
76	gum acacia, AR, 500g/bottle	2	
77	Barium Chloride dihydrate, AR, 500g/bottle	2	
78	Sulfuric Acid, AR, Concentrated 2.5 L/bottle, staggered delivery Statutory Requirements: Must have PNP permit to purchase or equivalent	20	
79	Hydrochloric Acid, AR, Concentrated, 2.5 L/bottle, staggered Statutory Requirements: Must have PNP permit to purchase or equivalent	20	
80	Nitric Acid, AR, 2.5L/bottle ≥68%, staggered delivery Statutory Requirements: Must have PNP permit to purchase or equivalent	10	
81	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm ³ density; >99% Purity), 500ml/bottle	10	
82	Hydrogen Peroxide, AR, 30-50%, 500ml/bottle Statutory Requirements: Must have PNP permit to purchase or equivalent	8	
83	Chromotropic acid, AR, 100g/btl	5	
84	Malonic acid, AR, 500g/btl	5	
85	Acetic acid, 99%, 1000mL/bottle	2	
86	Ethanol, technical grade, 95%, 20L/ carboy	20	
87	Triethanol amine, AR, 1 L/Bottle	10	
88	Ethanol AR ≥ 99% 2.5 L/bottle	30	
89	Amyl Alcohol, ≥99%, 1000ml/bottle	3	
90	Isopropyl alcohol, 70%, 1000mL/bottle	15	
91	Toluene, Certified ACS, ≥99.5%, 500ml/bottle	1	
92	Calcium Chloride Dihydrate, ACS, 500g/bottle at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
93	Maleic acid, ACS 99.0%, 500g/btl	1	
94	Citric Acid, ACS, 100g/bottle at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
95	Di-sodium p-nitrophenyl phosphate hexahydrate, suitable for enzyme immunoassay, ≥99.0% (enzymatic), 5g/bottle	1	
96	p-nitrophenol, ACS, ≥99%, 50g/btl	1	

	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL		
115	ICP-OES Standard - Strontium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL	2	
116	ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL	2	
117	Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle	3	
118	Ammonium Nitrate AR 1kg/bottle, Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included	2	
119	Ammonium Fluoride, AR grade, 98% 500 g/bottle	1	
	LSD REG 2024-01-0050		
120	NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle	2	
121	NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	2	
122	NIST Traceable pH Buffer Solution pH 10.00; 1L/bottle	2	
123	EC Standard NIST Traceable with Certificate of Analysis, 84uS/cm, 500 ml/bottle	2	
124	EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 5bottle x60mL	2	
125	EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle	2	
126	EC Standard NIST Traceable with Certificate of Analysis, 1413uS/cm, 500 ml/bottle	2	
127	Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	
128	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	
129	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	
130	Copper Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	
131	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	2	
132	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	2	
133	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	2	
134	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	2	
135	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm	2	
136	Sulfate Standard NIST Traceable, 500 mL/bottle (1000ppm)	1	
137	NIST Traceable Nitrate (NO ₃), 500 ml/bottle (1000ppm)	1	
	Note:		
	Analytical Reagent (Powdered) included Delivery Charge		
	Acids Reagents included Delivery Charge		
	Solvents Reagent included Delivery Charge		
	Microbiology Reagents included Delivery Charge		
	SWRRD LFP NSHP 2024-01-0052		
138	NIST Traceable - AAS Standard -Sodium 500 mL (1000ppm) - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
139	NIST Traceable - AAS Standard -Zinc 500 mL (1000ppm) - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	

140	NIST Traceable - AAS Standard -Manganese 500 mL (1000ppm) - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
141	NIST Traceable - AAS Standard -Phosphorus 500 mL (1000ppm) - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
142	SRM 136f - Potassium Dichromate (Oxidimetric Standard), 60g, NIST Traceable, with certificate of analysis and ISO 17034 accreditation of reference material producers	1	
143	Nitric Acid, AR, 2.5L/bottle ≥68%, staggered delivery Statutory Requirements: Must have PNP permit to purchase or equivalent	8	
144	Sulfuric Acid AR 98 % 2.5 L	8	
145	Hydrogen Peroxide, AR, 30-50%, 500ml/bottle - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
146	Hydrochloric Acid 37 % 2.5 L - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	4	
147	Ethanol, technical grade, 95%, 20L/ carboy	2	
148	Lanthanum Oxide, AR, Powder, 500g	1	
149	Cesium Chloride, 99.9 % 25 grams	1	
	SWRRD PHILREC SOIL 2024-01-0049		
150	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	5	
151	Activated Charcoal, AR, Phosphate free, 1kg/bottle	2	
152	Sulfuric Acid (AR, 98%Concentrated 2.5L/bottle)	4	
153	Gum Acacia,99% AR, 500 g/bottle	1	
154	Barium Chloride Dihydrate, AR, 500g/btl	1	
155	Potassium Dichromate,99% AR, 500 g/bottle	4	
156	Potassium Sulfate, AR, 500 g/bottle	1	
	SWRRD RD CFBW 2024-01-0062		
157	Orthophosphoric Acid AR Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >85% Purity), 2.5L/bottle	2	
158	Ethanol, technical grade, 95%, 20L/ carboy	4	
159	Phenolphthalein, AR, 500g/bottle	1	
160	Bromocresol green, AR, 5g/bottle	1	
161	pH Buffer Solution (NIST Traceable pH Buffer Solution with COA -pH 4.00 (colored buffer solution): 1L)	1	
162	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 7.00 (colored buffer solution): 1L)	1	
163	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L)	1	
	Compliance with Section VI. Schedule of Requirements		

Lot 2- Supply and Delivery of various Laboratory supplies

Item No.	Item Description	Quantity	Statement of Compliance
	Supply and Delivery of various laboratory supplies		
	LSD PD 1435 2024-01-0046		
1	Polyethylene Terephthalate (PET) Bottles Capacity: 500 mL, opaque, color white	1000	
2	Plastic Erlenmeyer Flask 250 mL, PE Plastic, graduated, With Calibration certificate	100	
3	Plastic Funnel 40 mm, Stem Dia: 6 mm, Stem Length 20 mm	50	
4	Filter Paper Filter Paper #42, 125mm dia, ashless 100circles/box	20	
	LSD NSHP 2024-01-0046		
5	Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply, white, Material: Cellulose	40	
6	Filter paper Grade: 42 Ashless: ≤0.007% Size: 90 mm, Pack size: 100 circles, Filter Media: Cellulose	20	
7	Borosilicate test tubes, 15 mL (16x125 mm), Pack: 72 -pcs	1	
8	Graduated Cylinder, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with certification	30	
9	Test tube brush, Nylon, 27 cm	10	
10	Test tube brush, Nylon, 23 cm	10	
11	Test tube brush, Nylon, 18 cm	10	
12	Filtering flask Capacity: 500mL Material: Borosilicate glass code 7740 Flask Style: Filtering Neck Style: Narrow Mouth Rubber Stopper No.: 7 Height: 184mm Autoclavable: Yes	10	
13	Parafilm M, film W × L 100 mm × 38 m	15	
14	Filter paper, No. 2 or equivalent, 100 pcs/box	20	
15	Scrub Suit, Hi-Vis Unisex, Microfiber Water Repellant, Mint Green Color (Sizes: 2 Medium, 1 L; 2XL)	5	
16	Test Tube Bottle Nylon Washing Brush Tool, White, 10mm diameter, 8 x 1cm / 3.1" x 0.4"	10	
17	Bottle Brush Cleaner, Long Tube Cleaning Brush (15.5" x 1")	10	
18	Bottle Brush Cleaner, Long Straw Cleaning Brush (12.9" x 0.4")	10	
19	Glassware Liquid Cleaner, Liquid, alkaline and phosphate- free concentrate Volume: 5 Liters Sequestering agent content (alkalimetric): 8.5-10% Density: 1.05-1.09 Free alkali (as NaOH): 1.5-2.5% Phosphate: ≤ 0.002% Inclusions:Safety Data Sheet (SDS), Certificate of Analysis (CoA)	10	
20	Lab Folding Cart (Folding cart, Stable, with 2 layers, multi-use trolley with parking brake, Easy to fold away and store, can carry 60 kg or better, at least 1 meter height. (with demo unit))	3	
21	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning; Uniform 3/16" heavy wall construction for added rigidity; Standard color natural black or white)	5	
22	Pipette Tips (universal fits all brands of pipettor, 2-20 µL vol. cap., reusable; 1000pcs/pk)	5	
23	Pipette Tips (universal fits all brands of pipettor, 1-5 mL vol. cap., reusable; 1000pcs/set)	5	
24	Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 1000pcs/pk)	5	
25	Pipette Tip Rack (fits all 100-1000uL pipette tips, 1000pcs/pack	3	
26	Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm, 75pulls / 150sheets; 6 rolls/pack	20	
27	Ice box (chest Insulated cooler, 45 liters with side handles)	2	
28	Face mask, Non-woven disposable face mask, with ear loop and tie on, about 2-4ply 50's/box	50	
29	Funnel, Polypropylene, Dia: 100mm, Stem Dia: 11 mm, Stem Length 90 mm	20	

71	Reagent bottle, 1000 mL, amber, with screwcap	5	
72	Reagent bottle, 2000 mL, amber, with screwcap	5	
73	Beaker, 2000 mL, plastic	8	
74	Beaker, 1000 mL, borosilicate	6	
75	Laboratory spoon/spatula	10	
76	Rubber mallet, head diameter: 60 mm, wooden handle	6	
77	Mortar and pestle, porcelain, 130 mL	5	
78	Magnetic Retriever Rod, PTFE, 450 mm x 10 mm	5	
79	Aluminum tray, rectangular, 14"x18"	100	
80	Ethyl Alcohol, 70% solution, 500 ml/bottle	100	
	Water Test Kit Laboratory Supplies		
81	pH Strips, with color scale, graduations and accuracy, 1pH unit, pH range: 1-10, 4.8m/roll	15	
82	Ice box, chest insulated cooler, 45L capacity, with side handles	2	
83	Laboratory Gloves, Nitrile, 100's/box, Small	10	
84	Laboratory Gloves, Nitrile, 100's/box, Medium	30	
85	Laboratory Gloves, Nitrile, 100's/box, Large	30	
86	Test tube, 20ml, 16x150mm, glass, 100pcs/box	10	
87	Graduated plastic Pasteur pipette. Disposable, 3mL, 500pcs/pack	2	
88	Solution Bottles, Polyethylene Bottle, Opaque, Squeezable, 100mL	200	
89	Solution Bottles, Polyethylene Bottle, Opaque, Squeezable, 60mL	200	
90	Solution Bottles, Polyethylene, Opaque, Squeezable, 30mL	200	
91	Solution Bottles, Polyethylene, Opaque, Squeezable, 80mL	200	
92	Solution Bottles, Amber Bottle with shatter proof plastic coating, 100mL (e.g. PVC and/ or bubble wrap).	200	
93	PET Bottles, w/ lid, wide mouth, clear, 50 mL capacity, 25pcs/pack	2	
94	Filter Paper, No. 1, ashless, 125mm, 100 circles/box	14	
95	Half Mask Respirator, medium	2	
96	Filter Cartridge OV/P100 8pcs/bx	2	
97	Pipette tips, 1 - 10 ml, 100pcs/box, universal pipette tips	2	
98	Pipette tips, 1 ml - 5 ml, 100pcs/box, universal pipette tips	2	
99	Pipette tips, 100 ul - 1000 ul, 100pcs/box, universal pipette tips	5	
100	Laboratory Goggles	20	
101	Wash Bottle, 500 mL, opaque color	10	
102	Filter paper, #42, ashless, diameter:90mm, 100 pcs/box	100	
103	2000 mL Beaker, borosilicate, type 1 with certificate	5	
	Microbiology Laboratory Supplies		
104	Bait Lamina Probes, Fabricated, 16-hole of 0.5cm diameter, PVC material	500	
105	Interfolded Tissue paper, 125 pulls	50	
106	Polypropylene bags, 12x18 Polypropylene autoclavable bags, 0.018 thick (approx 100pcs/pack)	20	
107	Pipette tips, 10ml, 100pcs/box, universal pipette tips	10	
108	Pipette tips, 5ml, 100pcs/box	10	
109	Sterilized cotton swab, Box	3	
110	Filter paper, No. 2 or equivalent, 100 pcs/box	3	
111	Filter paper, N-free filter paper, 90mm, 100pcs/box	4	
112	Media bottles, 1L, Borosilicate Media Bottles with cap	3	
113	Media bottles, 100ml, Borosilicate Media Bottles with cap	2	
114	Beaker, Borosilicate glass, 1L	2	
115	Beaker, 2000L, HDPE	5	
116	Spatula, White, Heavy duty Silicone, 11", Heat Resistant	8	
117	Glass Petri Dishes, Borosilicate Glass, Round, Flat, clear dishes with beaded edges withstand repeated sterilization (wet or dry), 100mm diameter, 15mm height	100	
118	Erlenmeyer flask, 125ml, Made of Type 1 Borosilicate glass with rubber stopper	10	
119	Erlenmeyer flask, 50ml, Made of Type 1 Borosilicate glass with No. 2 rubber stopper	10	
120	Funnel, Polypropylene, Dia: 100mm, Stem Dia: 11 mm, Stem Length 90 mm	10	
121	Funnel, Glass, Funnel Dia: 90 mm, Stem Dia: 10 mm, Stem Length 90 mm	10	
122	Volumetric flask, 100ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	
123	Volumetric flask, 500ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	
124	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	
125	Volumetric flask, 2000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	

126	Volumetric flask, 250ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	
127	Amber bottles, 60ml	2	
128	Amber bottles, 500ml	1	
129	Amber bottles, 120ml	2	
130	Reagent bottle, Polypropylene, 1L	7	
131	Reagent bottle, Polypropylene, 500ml	6	
132	Reagent bottle, Polypropylene, 250ml	2	
133	Reagent bottle, Polypropylene, 100ml	2	
134	Resealable plastic bag, #8, at most 170mm x 240mm, 100pcs/pack	5	
135	Resealable plastic bag, #8, at most 120mm x 1700mm, 100pcs/pack	5	
136	Petri plate canister, stainless steel, with removable rack and stainless lid, at least 10.8cm x 22.8 cm	10	
	SWRRD RD CFBW 2024-01-0062		
137	Glassware Liquid Cleaner, Liquid, alkaline and phosphate-free concentrate Volume: 5 Liters Sequestering agent content (alkalimetric): 8.5-10% Density: 1.05-1.09 Free alkali (as NaOH): 1.5-2.5% Phosphate: ≤ 0.002% Inclusions: Safety Data Sheet (SDS), Certificate of Analysis (CoA)	1	
138	Concentrated Liquid Detergent, 5L	6	
139	Rectangular Secondary Containment Basin -Lab Tray made with high density polyethylene -EPA Compliant Secondary Containment for Bottles and Containers -Containment Capacity : not less than 15 L -Dimension: approx. 15 x 17 x 3" (WxLxH)	5	
140	Chemical Absorbent Pads '100 pads/pack 'Size: approx 50cm x 40cm '100% polypropylene 'Absorbency meets or exceeds industry standards. 'Color: Yellow pad 'With dispenser box	1	
141	Glass Volumetric pipette, 20ml, class AS, with Calibration Certificate/Batch Calibration from Manufacturer upon delivery	8	
142	Glass Volumetric pipette, 25ml, class AS, with Calibration Certificate/Batch Calibration from Manufacturer upon delivery	5	
143	Volumetric flask, 2000ml, Made of Type 1 Borosilicate glass; polyethylene snap caps; Class A Graduation, (with Calibration Certificate/Batch Calibration from Manufacturer upon delivery)	3	
144	Pipette Tip Rack (fits all 100-1000uL pipette tips, 25pcs/rack capacity. 4 racks/box) check available unit in the laboratory	2	
145	Pipette Tip Rack (fits all 1-5000uL pipette tips, 25pcs/rack capacity. 4 racks/box) check available unit in the laboratory	2	
146	Pipette tips with rack, 10ml capacity, 24pcs/box check available unit in the laboratory	2	
147	Pipette Tips (universal fits all brands of pipettor, 2-10 mL vol. cap., disposable; 200pcs/pk) check available unit in the laboratory	5	
148	Digital Thermohygrometer -Min/Max memory, memory clear, °F/°C switchable, 12/24-hour clock -At the touch of a button, memory recalls the highest and lowest temperature and humidity readings -0.01% accuracy Humidity Range: 20 to 90% RH Resolution: 1% RH Accuracy: ±5% RH mid-range to ±8% RH elsewhere Ambient Temperature Range: 32 to 122°F (0 to 50°C) Resolution: 0.1 % Accuracy: ±1°C Timing Capacity: 12/24 hrs Resolution: 1 minute	1	
149	Glass pH combination Electrode Material: Lead free Glass	3	

169	Weighing Boat, 25 mL capacity, Diamond-shaped weigh boats, 100/pack	1	
170	Weighing Boat, 100g capacity, 100/pack	1	
171	Digestion Tube, Clear, 100 ml capacity, straight-sided	10	
172	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass	10	
	Compliance with Section VI. Schedule of Requirements		