



**April 17, 2023**

**Bid Bulletin No. 1**

**Subject: SUPPLY AND DELIVERY LABORATORY SUPPLIES AND CHEMICALS  
FOR CROP BIOTECHNOLOGY CENTER AT PHILRICE CES PB 23-02-08**


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This bid bulletin is being issued to clarify and/or amend Section VII. Technical Specifications for PB23-02-08 as follows:

**See attached Revised Technical Specification for complete details.**

The Section VII (Revised Technical Specifications) must be included in the bid proposal as part of the Eligibility and Technical Component (1<sup>st</sup> envelope) to signify the conformity to the revisions.

Please be guided accordingly.

  
**LUIS ALEJANDRE L. TAMANI**  
Chairperson, BAC for Goods and Services;



## ***SECTION VII.***

### ***Revised Technical Specifications***

Item	Specification	Statement of Compliance <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 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 applicable laws and issuances.</i>
1	<b>Five (5) bottles Agar</b> 500g, microbiological	
2	<b>One (1) bottle Agar</b> Agarite, suitable for plant tissue culture, 500g	
3	<b>One (1) bottle Agar</b> Phytigel agar, 500g	
4	<b>One bottle (1) Simmons Citrate Agar</b> AR, 500g	
5	<b>Two (2) bottles Agarose</b> Low EEO, <b>electrophoresis grade</b> , 500g	
6	<b>Two (2) bottles Agarose</b> Low EEO, <b>electrophoresis grade</b> , 500g	
7	<b>Two (2) bottles Agarose</b> Low EEO, electrophorosis grade, 500g	
8	<b>Two (2) carbouys Alcohol, Ethyl Alcohol 95%</b> technical grade, 20 liters/carbouy	

9	<b>Two (2) bottles Alcohol, Ethyl Alcohol 95%</b>  ACS, <b>at least 3.8 liters</b>	
10	<b>One (1) bottle Ammonium persulfate</b>  98%, 100g, molecular grade	
11	<b>Two (2) bottles Boric Acid</b>  laboratory grade, AR, 500g	
12	<b>Two (2) bottles Calcium chloride</b>  anhydrous, Dihydrate AR, 500g	
13	<b>One (1) bottle Cetyltrimethylammonium Bromide, (CTAB)</b>  AR, 500g	
14	<b>Three (3) bottles Chloroform</b>  2.5 liters/bottle, ACS	
15	<b>One (1) kit DNA Extraction Kit</b>  for plant tissue; 250 preps; Rapid extraction of ready-to-use DNA	
16	<b>One (1) kit DNA Extraction Kit</b>  for plasmid DNA, bacteria 250 rxn or equivalent	
17	<b>Three (3) bottles DNA Ladder</b>  ready to use, 100bp, 100ng/ul 1x1ml	
18	<b>Three (3) bottles DNA Ladder</b>  ready to use, 1Kb, 1x500 ul, 100lanes	
19	<b>Two (2) bottles DNA Ladder</b>  100bp; 375 lanes, hyperladder	
20	<b>One (1) lot DNA Sequencing</b>  <b>30 to 50 samples</b> , Single Pass Reaction, with PCR clean up delivery: 5 days after sending to service provider	
21	<b>One (1) lot DNA Sequencing</b>  <b>30 to 50 samples</b> , Single Pass	

	Reaction, with PCR clean up delivery: 5 days after sending to service provider	
22	<b>One (1) lot DNA Sequencing</b> <b>2 samples</b> , Whole genome sequencing of virus sample: Illumina NovaSeq6000 PE150 inclusion: Library preparation and QC, Data QC and Genome Assembly:	
23	<b>One (1) bottle Dye, brilliant blue</b>  Brilliant Blue G- Pure. Appearance (Form) - Powder, Solubility (Color) - Dark Blue to Very Dark Blue, Solubility (Form) Solution - 1 mg/mL, H2O, Suitable for use as a reagent in protein determinations, Purity (HPLC)- ; 80 %, 20-25 grams per bottle.	
24	<b>One (1) kit Enzyme, DNase I</b>  DNase, RNase-Free , 1,000U	
25	<b>One (1) kit Enzyme, DNase I</b>  DNase, RNase-Free , 1,000U	
26	<b>Three (3) bottles, Ethylenediaminetetraacetic acid, EDTA, Disodium salt</b>  1kg or equivalent, analytical grade	
27	<b>Four (4) bottles Ethylenediaminetetraacetic acid, EDTA, Disodium salt,</b>  500g, AR	
28	<b>One (1) bottle Glycerol</b>  <b>ACS</b> , glycerol, 99%, 4liters	
29	<b>Six (6) packs Go Taq Reaction buffer</b>  5Xgreen (4x5000ul, 4x5ml) 20ml	
30	<b>Two (2) bottles Beef Extract</b>  microbiological, 500g	
31	<b>Eight (8) bottles D-Glucose</b>  glucose ACS, 500g or equivalent	

32	<b>Four (4) bottles Hygromycin B</b> 1g/bottle	
33	<b>One (1) bottle Magnesium Sulfate</b> AR, 500g	
34	<b>Four (4) bottles Meropenem</b> UPS standard, 300mg	
35	<b>Two (2) bottles MS Salt</b> in powder, prepared in 50L (216.55g/50L) for plant tissue culture	
36	<b>Two (2) bottles Potassium chloride</b> Potassium chloride (KCl); molecular biology grade 99.0%; 500g/bottle	
37	<b>One (1) bottle Laboratory chemical, Potassium chloride</b> Potassium chloride (KCl); molecular biology grade 99.0%; 500g/bottle	
38	<b>One (1) bottle Thioglycolic Acid</b> 500ml, AR	
39	<b>Two (2) bottles Yeast Extract</b> microbiological, 500g	
40	<b>One (1) bottle Laboratory Media, Hugh Leifson Medium</b> AR, 100g	
41	<b>One (1) bottle Laboratory Supplies, Nutrient Gelatin</b> AR, 500g	
42	<b>One (1) bottle Magnesium Chloride</b> anhydrous, 100g, ACS	
43	<b>One (1) bottle Maltose</b> Maltose monohydrate powder, 99%, 1kg/bottle	
44	<b>Two (2) bottles Mineral Oil</b> 500ml, molecular grade	

45	<b>One (1) bottle Molecular biology reagent</b>  Guanidine hydrochloride, 100g	
46	<b>One (1) kit Molecular Biology Supplies, cDNA Synthesis Kit</b>  cDNA Synthesis kit 250rxn	
47	<b>One (1) kit Molecular Biology Supplies, Gel/PCR Purification Kit</b>  plasmid DNA purification kit, MIDIprep system, 100 preps, 100 ml maximum culture capacity, less than 30 mins processing time	
48	<b>Two (2) kits Molecular Biology Supplies, Gel/PCR Purification Kit</b>  plasmid DNA purification kit, MINIprep system, 100 preps, 0.6-3.0ml maximum culture capacity, approx 10 mins processing time	
49	<b>One (1) unit Molecular biology supplies, Synthesized Gene</b>  Customized Gene Synthesis, up to 900bp into destination vector Includes: Gene Synthesis and Subclone into customer-supplied vector, colony PCR screening follow DNA Sequencing for confirmation	
50	<b>One (1) bottle Nuclease-free water</b>  for molbio grade, 500ml	
51	<b>Five (5) bottles Nucleic acid stain</b>  Nucleic Acid Gel Stain, nucleic acid staining solution 1ml (10,000x in water)	
52	<b>One (1) piece PCR clean-up, sample purification</b>  system for PCR and Gel; DNA clean-up kit-200 preps/kit <b>or equivalent</b>	
53	<b>Two (2) kits PCR cloning kit, Recombinant DNaseI</b>  for sequencing; with chemically competence cells; with SOC medium; with sequencing primers; 50 rxns	

54	<b>Two (2) bottles Peptone</b> laboratory grade, 500g, microbiological	
55	<b>One (1) bottle Polyethylene Glycol</b> PEG MW8000, 1kg or equivalent	
56	<b>Two (2) bottles Polyethylene Glycol</b> PEG MW8000, 1kg or equivalent	
57	<b>Two (2) piece Potato dextrose agar</b> microbiological, 500g	
58	<b>Two (2) bottles Propanol, 2-Propanol</b> 2.5 liters, ACS	
59	<b>Two (2) bottles Propanol, 2-Propanol</b> 2.5 liters, analytical grade	
60	<b>Two (2) bottles Reagent, Kovac's reagent</b> microbiological; 100ml	
61	<b>One (1) piece Restriction Enzymes</b> AlwNI, 500U, <b>deliver with dry ice</b>	
62	<b>Two (2) piece Restriction Enzymes</b> Dra I restriction enzyme (Dra I from <i>Deinococcus radiophilus</i> ); concentration: 20,000 units/mL, <b>deliver with dry ice</b>	
63	<b>One (1) piece Restriction Enzymes</b> RNAse A 50mg, <b>deliver with dry ice</b>	
64	<b>One (1) piece Restriction Enzymes</b> SbfI-HF 500U/tube, <b>deliver with dry ice</b>	
65	<b>One (1) bottle Restriction enzymes</b>	

	Aat1, 500 units - deliver with dry ice	
66	<b>One (1) bottle Restriction enzymes</b> Mbo1, 500 units, deliver with dry ice	
67	<b>Three (3) bottles Restriction enzymes</b> Mfe1-HF, 500 units-deliver with dry ice	
68	<b>Three (3) bottles Restriction enzymes</b> Pac1, 500 units-deliver with dry ice	
69	<b>Three (3) bottles Restriction enzymes</b> Sbf1-HF, 500 units- -deliver with dry ice	
70	<b>One (1) bottle Restriction enzymes</b> Xba1, 500 units-deliver with dry ice	
71	<b>Two (2) bottles Sodium chloride</b> 500g AR	
72	<b>One (1) bottle Sodium hydroxide (NaOH)</b> 500g, molecular grade, pellet	
73	<b>Four (4) bottles Sodium hydroxide</b> 500g, AR, pellet	
74	<b>Five (5) tubes Staining solution</b> DNA Staining solution 10000X in water, 500ul	
75	<b>One (1) unit T4 DNA Ligase</b> Blunt/TA ligase master mix, ready to use; 50rxns	
76	<b>Fifteen (15) kits Taq DNA Polymerase</b> 500U Taq Pol/kit, Recombinant; with separate magnesium chloride and buffer	



77	<b>Ten (10) units Taq DNA Polymerase</b> 500U Taq Pol/kit, Recombinant; with separate magnesium chloride and buffer	
78	<b>One (1) unit Taq DNA Polymerase</b> high fidelity master mix; 200x50ul rxns/kit; for highly accurate result; for cloning expression and sequencing	
79	<b>One (1) unit Taq DNA Polymerase</b> high fidelity; 500U; for highly accurate result,, for cloning expression and sequencing; generates 3'A ends	
80	<b>Two (2) units Taq DNA Polymerase</b> 2X Taq DNA Polymerase Master Mix. Inert red dye and stabilizer. Direct loading onto agarose. Processes up to 5 kb. 500x50ul reaction/bottle/kit <b>or equivalent</b>	
81	<b>Four (4) bottles Tris Base</b> Molecular Grade, 1kg or equivalent	
82	<b>One (1) bottle Triton X</b> x-100; <b>biotechnology grade, 1L</b>	
83	<b>Two (2) bottles Reagent</b> DNA and RNA extraction; for plants; molecular biology grade, 200ml	
84	<b>Two (2) bottles Tryptone</b> 500g, AR	
85	<b>Four (4) piece Alcohol Lamp</b> 250ml	
86	<b>Five (5) boxes Vials</b> glass, clear, screw cap, <b>approx.</b> 2.5cm diameter, H-6cm, approx. 20ml capacity, 100pcs/box	
87	<b>Two (2) boxes Vials</b> glass, clear, screw cap, approx. 50 ml	

	capacity, 100 pcs/box	
88	<b>Five (5) pieces Beaker</b> ordinary,1000mL, transparent, plastic, with graduation, with handle	
89	<b>Five (5) pieces Beaker</b> ordinary,500mL, transparent, plastic, with graduation, with handle	
90	<b>Five (5) pieces Beaker</b> autoclavable,1000mL, transparent, borosilicate glass, with graduation	
91	<b>Five (5) pieces Beaker</b> autoclavable,100mL, transparent, borosilicate glass, with graduation	
92	<b>Five (5) pieces Beaker</b> autoclavable,250mL, transparent, borosilicate glass, with graduation	
93	<b>Five (5) pieces Beaker</b> autoclavable,500mL, transparent, borosilicate glass, with graduation	
94	<b>Five (5) pieces Beaker</b> autoclavable,50mL, transparent, borosilicate glass, with graduation	
95	<b>Five (5) pieces Beaker</b> ordinary,100mL, transparent, plastic, with graduation	
96	<b>Five (5) pieces Beaker</b> ordinary,250mL, transparent, plastic, with graduation	
97	<b>Five (5) packs Cell Spreader</b> stainless steel, reusable, flame and autoclave, sterilizable, smooth triangular end, 8" handle, pack of 2pcs (width: small-16mm and large- 25 mm)	
98	<b>One (1) pack Centrifuge Tubes</b> 15ml; 25 pcs/pack; conical non- skirted PP centrifuge tubes (autoclavable) with graduated marks; screw cap	

99	<b>Two (2) packs Centrifuge Tubes</b>  5.0 mL Conical tube, Snap cap can withstand -85 degree C; high-quality, transparent polypropylene Certified purity: Sterile Centrifugation safety up to 25,000 x g, 100tubes/pack	
100	<b>One (1) pack Centrifuge Tubes</b>  50ml; 15 pcs/pack; conical self-standing/skirted PP centrifuge tubes (autoclavable) with graduated marks; screw cap	
101	<b>Ten (10) packs Centrifuge Tubes</b>  15ml capacity, conical bottom, sterile, graduated, polypropylene, DNase/RNase free, leak proof, 500pcs/pack	
102	<b>Ten (10) packs Centrifuge Tubes</b>  50ml capacity, conical bottom, sterile, graduated, polypropylene, DNase/RNase free, leak proof, 500pcs/pack	
103	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 50mL, transparent, borosilicate glass	
104	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 100mL, transparent, plastic	
105	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 250mL, transparent, borosilicate glass	
106	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 50mL, transparent, plastic	
107	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 250mL, transparent, plastic	

108	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 1000mL, transparent, borosilicate glass	
109	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 100mL, transparent, borosilicate glass	
110	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 500mL, transparent, plastic	
111	<b>Five (5) pieces Graduated cylinder</b>  autoclavable, 500mL, transparent, borosilicate glass	
112	<b>Five (5) pieces Inoculating loop</b>  nichrome wire loop mounted to aluminum handle, diameter of 5mm, handle length of 80mm	
113	<b>Ten (10) packs Laboratory Supplies, Lint-free Wipes</b>  4.4 x 8.4 inches , 280 pulls	
114	<b>One (1) pack Metallic Beads</b>  2.8 mm, suitable for homogenization of tough, hard samples, muscle, plant materials, seeds and dry samples. 1000pcs/pack	
115	<b>Three (3) packs Microcentrifuge tube</b>  0.5ml, 1000's /pack, conical bottom, Quantitative PCR compatible tubes for a wide range of Real-Time PCR instruments. flat cap Tubes with caps sealed full-length; insertion cap ensures tight fit, eliminates sample evaporation Certified RNase-/DNase-free Nonpyrogenic, nonsterile, polypropylene	
116	<b>Five (5) packs Microcentrifuge Tube</b>	

	<p><b>1.5-1.7ml</b>, 500's/pack polypropylene, conical bottom, will withstand up to 14000RCF, sterile, maximum recovery frosted cap, snap lock, clear, RNase-/DNase-free Nonpyrogenic</p>	
117	<p><b>One (1) kit Wash Bottle</b></p> <p>microplate washer bottle, 1 set LMW-11:2 channels (1 wash, 1 rinse) compatible with Labexim plate washer</p>	
118	<p><b>Fifteen (15) packs Microtubes</b></p> <p>1.5ml, clear, autoclavable, Certified RNase, DNase and Pyrogen-Free, flat-top cap design, piercing port, frosted writing area and precise graduations, Boil-Proof, conical bottom, can withstand up to 20,000 RCF and snap lock cap assures efficient seal, 500pcs/pack,</p>	
119	<p><b>Fifteen (15) packs Microtubes</b></p> <p>2ml, clear, autoclavable, Certified RNase, DNase and Pyrogen-Free, flat-top cap design, piercing port, frosted writing area and precise graduations, Boil-Proof, conical bottom, can withstand up to 20,000 RCF and snap lock cap assures efficient seal, 500pcs/pack, maximum recovery</p>	
120	<p><b>Ten (10) packs Microtubes</b></p> <p>22ml, clear, autoclavable, Certified RNase, DNase and Pyrogen-Free, flat-top cap design, piercing port, frosted writing area and precise graduations, Boil-Proof, conical bottom, can withstand up to 20,000 RCF and snap lock cap assures efficient seal, 500pcs/pack, maximum recovery</p>	
121	<p><b>One (1) kit Microplates</b></p> <p>96-Well x 250ÂµL Flexible Flat-Bottom Microplate without Lid, Non-Treated Clear PVC, Non-Sterile (Case of 100)</p>	

122	<b>Fifty (50) packs Interfold paper towel</b> 203x210mm, ply x 175 pulls	
123	<b>Twelve (12) packs Interfolded Paper Towel</b> 195x205mm, 2 ply x 150 pulls	
124	<b>Thirty (30) packs Interfolded Paper Towel</b> 195x205mm, 1 ply x 175pulls, pack of 3	
125	<b>One (1) roll Parafilm</b> 4 inches x 125ft, All Purpose Laboratory Film Parafilm sealing film,	
126	<b>Eight (8) packs PCR Plates</b> Polypropylene PCR Microplate; Non Skirt; Clear; Nonsterile; DNase and RNase free- 50pcs/pack	
127	<b>One (1) pack Petri dish, plastic with cover lid</b> pre-sterilized, disposable, 15 x 90 mm, 500pcs/pack	
128	<b>One (1) pack Petri dish, plastic with cover lid</b> pre-sterilized, disposable, 15 x 90 mm, 500pcs/pack	
129	<b>Fifty (50) packs Petri dish</b> glass, top and bottom, autoclavable, <b>15x100mm</b>	
130	<b>Sixteen (16) pieces Plastic storage box, Cryogenic storage box</b> autoclavable, cryotube box 100well can withstand ultra-low temperature or cryogenic freezer, polycarbonate, polypropylene with hinged lid fits 1 and 2 ml tubes	
131	<b>Twelve (12) pieces Plastic storage box, Cryogenic storage box</b> autoclavable, microtube plastic Storage Box, 1.5 ml to 2ml x 100	

	well, ordinary	
132	<b>Ten (10) pieces Reagent Bottle</b> 1000ml capacity, Glass Bottle, screwcap, clear, sealed bottle, borosilicate	
133	<b>Twelve (12) pieces Reagent Bottle</b> 1000 ml Blue Cap Glass Bottle Chemistry Lab Screw Vial Sealed Bottle, clear	
134	<b>Ten (10) pieces Reagent Bottle</b> 250ml capacity, Glass Bottle, screwcap, clear, sealed bottle, borosilicate	
135	<b>Twelve (12) pieces Reagent Bottle</b> 500 ml Blue Cap Glass Bottle Chemistry Lab Screw Vial Sealed Bottle, clear	
136	<b>Ten (10) pieces Reagent Bottle</b> 500ml capacity, Glass Bottle, screwcap, clear, sealed bottle, borosilicate	
137	<b>Six (6) pieces Reagent Reservoir</b> white polystyrene, capacity 50 mL	
138	<b>Six (6) pieces Scissors, Surgical scissors</b> pointed, stainless steel, 4.5 inches long	
139	<b>Five hundred (500) pieces Test tube</b> glass, clear, <b>approximate</b> height = 20cm, 2.5 cm diameter, approximately 70 - 75 ml capacity, durable	
140	<b>Fifteen (15) pieces Test tube rack,</b> stainless steel, can hold 2.5 cm dia tubes, 3 x 8 (or 2 x 5) array	
141	<b>Ten (10) packs Pipette Tips</b> 0.1-10 ul, 1000pcs/pack, maximum recovery; clear, RNase-/DNase-free Nonpyrogenic, universal fit	

142	<b>Ten (10) packs Pipette Tips</b>  100-1000 ul, 1000pcs/pack, maximum recovery; clear, RNase-/DNase-free Nonpyrogenic, universal fit	
143	<b>Ten (10) packs Pipette Tips</b>  10-200 ul, 1000pcs/pack, maximum recovery; clear, RNase-/DNase-free Nonpyrogenic, universal fit	
144	<b>Twenty-five (25) packs Pipette Tips</b>  blue tips; 1000ul capacity; 1000pcs per pack; fit multichannel and single pipettes from many manufacturers; low retention; Certified RNase, DNase and Pyrogen-Free, universal fit	
145	<b>Four (4) cases Pipette Tips</b>  filtered pipette tips (0.1-10ul) clear beveled point, racked sterile, DNase, RNase FREE (10 racks/case), universal fit	
146	<b>Four (4) cases Pipette Tips</b>  filtered pipette tips (100-1000ul) clear beveled point, racked sterile, DNase/RNase-free(10 racks/case ), universal fit	
147	<b>Four (4) cases Pipette Tips</b>  filtered pipette tips (10-200ul) clear beveled point, racked sterile, DNase/RNase-free (10 racks/case), universal fit	
148	<b>Twenty (20) packs Pipette tips</b>  white tips, 10ul capacity; 1000 pcs per pack; fit multichannel and single pipettes from many manufacturers; low retention; Certified Rnase/DNase and Pyrogen-Free, universal fit	
149	<b>Twenty-five (25) packs Pipette tips</b>  yellow tips; 200ul capacity; 1000pcs per pack; fit multichannel and single	



	<p>pipettes from many manufacturers;  low retention; Certified  Rnase/DNase and Pyrogen-Free,  universal fit</p>	
	<p>*****nothing follows*****</p>	