



29 April 2024

Bid Bulletin No. 1

**Subject: SUPPLY AND DELIVERY OF SUPPLY AND DELIVERY OF VARIOUS
LABORATORY CHEMICALS, SUPPLIES, AND MATERIALS FOR PHILRICE
CES PB 24-02-16**

This bid bulletin is being issued to clarify and amend Section VI. Schedule of Requirements and Section VII. Technical Specifications in the bidding document.

Please refer to attached documents for complete details.

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

Please be guided accordingly.

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SECTION VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item no.	Description	Unit	Qty	Total ABC	Division	Delivery Period
1.	Absolute Ethanol	piece	2	6,000.00	CPD	60 calendar days upon receipt of PO/NTP
2.	Temed	bottle	1	20,000.00	CBC	
3.	Luria-Bertani Media Powder	bottle	6	36,000.00	CBC	
4.	MOPS (Morpholino Propanesulfonic acid)	bottle	1	21,000.00	CBC	
5.	Nuclease-free Water	bottle	2	11,000.00	CBC	
6.	Mineral Oil	bottle	6	60,000.00	CBC	
7.	Sodium Bicarbonate	bottle	1	10,000.00	CBC	
8.	Sodium Phosphate	bottle	1	10,000.00	CBC	
9.	Sodium Phosphate	bottle	1	10,000.00	CBC	
10.	Ampicillin	bottle	2	44,000.00	CBC	
11.	Mercury (II) Chloride	bottle	1	10,000.00	CBC	
12.	PIPES (Piperazine- N,N′-bis(2-ethanesulfonic acid))	bottle	1	20,000.00	CBC	
13.	Calcium Nitrate	bottle	1	10,000.00	CBC	
14.	Hydroxyquinoline	bottle	1	6,000.00	CBC	
15.	Ammonium Persulfate	bottle	2	50,000.00	CBC	
16.	Dithiothreitol	bottle	1	20,000.00	CBC	
17.	Sodium Citrate	bottle	1	10,000.00	CBC	

18.	X-Gal	bottle	1	50,000.00	CBC	
19.	Driselase	bottle	1	285,710.77	CBC	
20.	Polyvinylpyrrolidone	bottle	1	36,200.00	CBC	
21.	P-Nitrophenol	bottle	1	18,000.00	CBC	
22.	Restriction Enzymes	bottle	3	9,000.00	CBC	
23.	Restriction Enzymes	bottle	3	15,000.00	CBC	
24.	Restriction Enzymes	bottle	2	10,000.00	CBC	
25.	Restriction Enzymes	bottle	2	20,000.00	CBC	
26.	Restriction Enzymes	bottle	2	20,000.00	CBC	
27.	DNA Ladder	bottle	1	32,000.00	CBC	
28.	GoTaq Reaction Buffer	pack	5	40,000.00	CBC	
29.	RNA extraction kit for plant sample	kit	1	65,000.00	CBC	
30.	Synthesized Gene	unit	1	320,000.00	CBC	
31.	DNA Cloning System	kit	8	320,000.00	CBC	
32.	DNA Extraction Kit	kit	2	94,000.00	CBC	
33.	cDNA Synthesis Kit	kit	2	100,000.00	CBC	
34.	DNA Staining Solution	tube	1	150,000.00	CBC	

35.	dNTP Solution	set	2	20,000.00	CBC	
36.	Protein Ladder	unit	1	20,000.00	CBC	
37.	qPCR Master Mix	kit	1	115,000.00	CBC	
38.	Taq DNA Polymerase	unit	1	150,000.00	CBC	
39.	PCR clean-up	piece	2	50,000.00	CBC	
40.	Detection Reagent	pack	1	70,000.00	CBC	
41.	Bradford Reagent	bottle	1	20,000.00	CBC	
42.	4-Bromoanisole	bottle	1	12,000.00	CBC	
43.	Proteinase K	bottle	1	15,200.00	CBC	
44.	Laboratory Tape Dispenser	piece	1	4,000.00	CBC	
45.	Stirring Rod	piece	6	3,000.00	CBC	
46.	Petri Dish	pack	100	65,000.00	CBC	
47.	Laboratory Film	roll	3	9,000.00	CBC	
48.	Pipette Tips	pack	15	11,250.00	CBC	
49.	Microtubes	pack	10	8,000.00	CBC	
50.	96-well Plate Sealing Film	pack	3	10,800.00	CBC	
51.	96-well Plate Sealing Film	pack	1	22,000.00	CBC	
52.	Reagent Bottle	piece	15	4,500.00	CBC	

53.	Microbiological spreader	piece	10	1,550.00	CBC	
54.	PCR Plates	pack	10	65,000.00	CBC	
55.	Lint-free Wipes	pack	20	3,400.00	CBC	
56.	Conical Tubes	pack	13	26,156.00	CBC	
57.	Conical Tubes	pack	10	5,000.00	CBC	
58.	Conical Tubes	pack	10	9,000.00	CBC	
59.	Cryogenic Tubes	pack	2	14,000.00	CBC	
60.	RT PCR Kit	kit	6	540,000.00	CBC	
61.	Taq DNA Polymerase	unit	1	25,000.00	CBC	
62.	RNAse A	bottle	2	10,000.00	CBC	
63.	qPCR RT Master Mix Kit	kit	2	110,000.00	CBC	
64.	Acrylamide	bottle	5	125,000.00	PBBD	
65.	Nucleic Acid Stain	tube	5	37,500.00	PBBD	
66.	GoTaq Reaction Buffer	pack	4	24,000.00	PBBD	
67.	Genotyping Master Mix	bottle	1	49,500.00	PBBD	
68.	Taq DNA Polymerase	unit	10	47,000.00	PBBD	
69.	dNTP Solution Set	set	2	11,000.00	PBBD	

70.	DNA Ladder	bottle	3	19,500.00	PBBD	
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SECTION VII. 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 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>
1.	Two (2) pieces Ethanol Packed in an amber glass bottle, absolute, analytical grade, 2.5 L/bottle	
2.	One (1) bottle Temed N,N,N',N'-tetramethylethane-1,2-diamine, 99%, molecular biology grade, 500 mL/bottle	
3.	Six (6) bottles Luria-Bertani Media Powder	

	Luria Bertani Broth, microbiology grade, 500 g/bottle	
4.	One (1) bottle MOPS (Morpholino Propanesulfonic acid) Molecular biology grade, 100g/bottle	
5.	Two (2) bottles Nuclease-free water, Biotechnology grade, 1000 mL/bottle	
6.	Six (6) bottles Mineral Oil 500 mL/bottle Molecular biology grade	
7.	One (1) bottle Sodium Bicarbonate 500g/bottle, AR	
8.	One (1) bottle Monosodium Phosphate, 500g/bottle, AR grade	
9.	One (1) bottle Disodium Phosphate 500g/bottle, AR grade	
10.	Two (2) bottles Ampicillin, 5g/bottle, soluble in water	
11.	One (1) bottle Mercury (II) chloride,	

	100g/bottle, ACS reagent, >99.5%	
12.	One (1) bottle PIPES (piperazine-N,N&prime;-bis(2-ethanesulfonic acid)) 100g/bottle, PIPES Piperazine-N,NÂ²-bis(2-ethanesulfonic acid), molecular biology grade	
13.	One (1) bottle Calcium Nitrate 500g/bottle, molecular biology grade	
14.	One (1) bottle Hydroxyquinoline 8-Hydroxyquinoline, ACS reagent, 98.5%, 25g/bottle	
15.	Two (2) bottles Ammonium Persulfate >98%; 25g/bottle, molecular biology grade, suitable for electrophoresis	
16.	One (1) bottle Dithiothreitol molecular biology grade, 99% (titration), 1 g/bottle	
17.	One (1) bottle Sodium Citrate sodium citrate, 500g, molecular biology grade	
18.	One (1) bottle X-Gal Biotechnology grade; 5g/bottle	
19.	One (1) bottle Driselase	

	Driselase from Basidiomycetes sp., 25g or equivalent plant cell wall degrading enzymes	
20.	One (1) bottle Polyvinylpyrrolidone 40000MW, Molecular biology grade 500g/bottle	
21.	One (1) bottle P-Nitrophenol p-Nitrophenol Standard Solution, 10 mM; 100mL/bottle, analytical reagent grade	
22.	Three (3) bottles Restriction Enzymes, BamH1, 100U 100 ul Molecular biology grade Deliver with dry ice	
23.	Three (3) bottles Restriction Enzymes Pst1, 100U 100 ul Molecular biology grade Deliver with dry ice	
24.	Two (2) bottles Restriction Enzymes EcoR1, 100U 100 ul Molecular biology grade Deliver with dry ice	

25.	Two (2) bottles Restriction Enzymes HindIII, 100U 100 ul Molecular biology grade Deliver with dry ice	
26.	Two (2) bottles Restriction Enzymes EcoRV, 100U 100 ul Molecular biology grade Deliver with dry ice	
27.	One (1) bottle DNA ladder 100-1,500 bp range; 500 and 1,000 bp bands with increased intensity; ready to use; good for 500 gel lanes	
28.	Five (5) packs GoTaq Reaction Buffer GoTaq Reaction Buffer, 5x Green PCR Buffer, 4 x 5 ml	
29.	One (1) Kit RNA extraction kit for plant sample RNA extraction for plants, 250 rxn or equivalent;	
30.	One (1) unit Synthesized Gene	

	2 samples per lot; up to 1.5kb each in customer preferred vector	
31.	Eight (8) kits DNA Cloning System cloning of all PCR products, including blunt and TA ends; with competent cells Component of Kits: Vector, cloning mix, stable competent cells, cloning control DNA and primers, culture media; with 1 year shelf life	
32.	Two (2) kits DNA Extraction Kit for plasmid DNA, RNase included 250 rxn	
33.	Two (2) kits cDNA Synthesis Kit contains random hexamer and oligo-dT primers, dNTPs, RNase Inhibitor, and Reverse Transcriptase; 250 rxn	
34.	One (1) tube DNA Staining solution DNA Staining solution (10000x in water, 10mL or 20x0.5 mL)	
35.	Two (2) sets dNTP solution 100mm, 4x25umol each	
36.	One (1) unit Protein Ladder 10 to 200 kDa, 150 gel lanes, Ready to use;	

	prestained, multicolor	
37.	One (1) kit qPCR Master Mix two-Step qRT-PCR Master Mix; compatible with qTower Analytic Jena qPCR machine; with ROX dye; 2500 rxn	
38.	One (1) unit Taq DNA Polymerase DNA Polymerase with Standard Taq Buffer - 20,000 units or equivalent	
39.	Two (2) pieces PCR Clean-up PCR and DNA clean up kit-200 rxns/kit, sample purification	
40.	One (1) pack Detection Reagent Goat Anti-Mouse IgG (H + L)-HRP Assay Kit; includes 4CN, horseradish peroxidase secondary antibody conjugate, 10x TBS, Tween 20, gelatin; for 200 assays, Molecular biology reagent	
41.	One (1) bottle Bradford Reagent 0.1-1.4 mg/mL protein, 500mL/bottle	
42.	One (1) bottle 4-Bromoanisole BAN Phase Separation Reagent, >99%, 100g/bottle, molecular biology grade	
43.	One (1) bottle Proteinase K Proteinase K from Tritirachium album lyophilized powder, BioUltra, >30 units/mg protein, for molecular biology (25mg/bottle)	
44.	One (1) piece Laboratory Tape Dispenser	

	<p>parafilm dispenser</p> <p>120 x 140 x 140mm</p> <p>color: ruby</p>	
45.	<p>Six (6) pieces Stirring Rod</p> <p>plastic magnetic, iron-core</p> <p>12" Long, 1/4" Diameter</p>	
46.	<p>One Hundred (100) packs Petri Dish</p> <p>disposable,</p> <p>150 x 15mm,</p> <p>10 pcs/pack,</p> <p>plastic with cover lid</p>	
47.	<p>Three (3) rolls Laboratory Film</p> <p>Parafilm</p> <p>4in x 125ft per roll</p>	
48.	<p>Fifteen (15) packs Pipette Tips</p> <p>white tips,</p> <p>10ul capacity;</p> <p>1000 per pack;</p> <p>fit multichannel and single pipettes from many manufacturers; low retention; Certified RNase, DNase and Pyrogen-Free</p>	
49.	<p>Ten (10) packs Microtubes</p> <p>2.0ml, clear, autoclavable,</p> <p>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</p>	

	RCF and snaplock cap assures efficient seal, 500pcs/pack	
50.	Three (3) packs 96-well Plate Sealing Film for 96 well PCR plate, 100 sheets per pack Color: Clear Description: Peelable adhesive PCR film Adhesive Clear Seal	
51.	One (1) pack 96-well Plate Sealing Film Sealing film for RT-PCR, case qPCR optical 96-well plate seal with Adhesive film applicator; clear; for thermal cycling or fluorescent assays; compatible with BioRad CFX96 machine; for sensitive dye-based RT-qPCR experiments 100 pcs/pack	
52.	Fifteen (15) pieces Reagent Bottle 1000 ml capacity Transparent or clear glass reagent bottle with screwcap	
53.	Ten (10) pieces Microbiological Spreader L-ROD autoclavable 50 x 200mm	
54.	Ten (10) packs PCR Plates	

	96 well 0.2ml standard profile; 50 plates/box; non-skirted	
55.	Twenty (20) packs Lint-free Wipes Lint-free Wipes 4.4 x 8.4 inch; Lint-free Wipes box	
56.	Thirteen (13) packs Conical Tubes 15mL sterile conical bottom plastic centrifuge tubes with graduated marks, screw cap 15mL, 100pcs/pack	
57.	Ten (10) packs Conical Tubes 50mL sterile conical bottom plastic centrifuge tubes with graduated marks, screw cap 50mL, 25pc/pack	
58.	Ten (10) packs Conical Tubes 50mL, sterilized, self-standing, autoclavable, 30pcs/pack, plastic	
59.	Two (2) packs Cryogenic Tubes Cryogenic tubes used for liquid N suited for research and general laboratory storage of high-value and genomic materials down to vapor- phase liquid nitrogen temperatures cryogenic tubes; 2mL capacity Cryogenic tubes used for liquid N/ freezing tubes Can withstand liquid	

	<p>Nitrogen and very low temperature (-80C) ;</p> <p>sterile; DNase/RNase-free;</p> <p>screw cap;</p> <p>1000pcs/pack, plastic</p>	
60.	<p>Six (6) kits RT PCR Kit</p> <p>One-Step qRT-PCR Master Mix Kit For gene expression analysis, gene knockdown validation; contains 500 x 20ul reactions; qPCR Master Mix (5ml 2X concentration) uses 200 uL 50X ROX high and low reference dyes (separate vials), with 200 uL 10mM dUTP and 200 uL RT mix (50X concentration);</p> <p>compatible with Bio-Rad CFX96</p>	
61.	<p>One (1) unit Taq DNA Polymerase</p> <p>Taq DNA Polymerase High Fidelity</p> <p>Reaction Speed: Standard</p> <p>Exonuclease Activity: 3 - 5; 5-3</p> <p>Quantity: 100 Reactions</p> <p>Shipping Condition: Dry Ice</p> <p>Contents & Storage</p> <p>1 X 20 UL Platinum Taq DNA Polymerase High Fidelity (5U / ul)</p> <p>1x 1.25 ml 10X High Fidelity Buffer [600 mM Tris-SO4 (pH 8.9), 180 mM (NH4)2SO4]</p> <p>1 x 1 mL 50 mM MgSO4</p>	
62.	<p>Two (2) bottles RNase A</p> <p>Enzyme, 500 ul/ bottle</p>	
63.	<p>Two (2) kits qPCR RT Master Mix kit</p>	

	qPCR kit for ChIP experiments; with 1 unit of 5 mL 2X qPCR master mix, 1 unit 100uL CXR reference dye and 2 units of 13 mL nuclease-free water	
64.	Five (5) bottles Acrylamide 40% acrylamide and bis-acrylamide solution, 19:1, 2x500ml	
65.	Five (5) Tubes Nucleic Acid Stain 10000x in water, 0.5ml, color red	
66.	Four (4) packs GoTaq Reaction Buffer 5x Green PCR Buffer, 4 x 5 ml	
67.	One (1) bottle Genotyping Master Mix 2x Genotyping Master mix, Standard ROX, 25 ml, 5000 rxns	
68.	Ten (10) units Taq DNA Polymerase 500 units (5 U/ul)	
69.	Two (2) sets dNTP Solution Set Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol	
70.	Three (3) bottles DNA Ladder Universal DNA ladder atleast 100 bp to 1,500 bp	
	*****nothing follows*****	