

Tender Ref: - CEMB NP 08 2023 - 2024 dated 10th May 2024

Invitation of Bids

Sealed bids are invited by Centre of Excellence in Molecular Biology Lahore from reputed Scientific, General Order Suppliers & Contractors as under:

Part 1	Scientific Items	Single Stage Two Envelop
Part 2	General Items	Single Stage Single Envelop

Detailed specifications, terms & conditions are available in the Bid Document which can be downloaded from the websites of PPRA or Centre's website (cemb.edu.pk). In case of any query, guidance may be sought from the Admin office, Centre of Excellence in Molecular Biology 042-35293145.

Bids mut reach in the Admin Office of the Centre by 11:45 am on Thursday 30 / 05 / 2024. The bids will be opened on the same day at 12:15 noon in the presence of tenderers or their representatives. If there is a public holiday announced by the Government on the tender opening date, then the tender will be open on the next working day.

Muhammad Ejaz/

Head Admin



PROCUREMENT OF SCIENTIFIC AND GENERAL EQUIPMENTS

Instructions to bidders / Terms and conditions

1	Please quote only one relevant rate for each item and CLEARLY MENTION GST SEPARATELY.					
2	Please quote rate according to Our Required Unit.					
3	Please mention Our Tender Serial Number on your Quotation / Tender.					
4	Quotation Should Not Be HAND WRITTEN.					
5	Quoted rates VALIDITY should be 90 days from the date of opening.					
6	Each envelop should be marked with word "Tender" and Reference No.					
7	Deduction of income tax and other taxes of any kind will be done according to government prevailing rules.					
8	Only registered suppliers who are on active Tax Payer List (ATL) of FBR are eligible to supply goods/services.					
9	Earnest Money at the rate of 2% of total quoted value cost in the shape of deposit at call in the name of Director CEMB, Lahore must accompany the tender.					
10	Procurement shall be governed by the PPRA RULES, 2004.					
11	Those bidders/firms are eligible to compete who have never been black listed by any Ministry/Division/Department/Organization of Government.					
12	If there is any question/confusion about the description/specification of the material please visit the Centre.					

PH # 042-35293 \45



National Centre of Excellence in Molecular Biology

University of the Punjab

Part 01 Single Stage Two Envelop Evaluation Criteria Bidders (Science)

Sr. No.	Parameters	Detail		Total Marks	Remarks
1	Past Performance (Within previous 3 years)	(a) Major Institutions Served (Form A marks) No. of institutions served i 1 to 3 ii 4 to 6 iii 7 & Above	1): (15 5 10 15	15	Institutions mean government institutions / Public Sector organizations / Public Sector Universities / Government Agencies / Autonomous Bodies etc. Copies of relevant purchase orders / delivery challans must be attached.
2	Market experience in quoted items	Market experience i 1 year ii 2 years iii Above 2 years Copy of Delivery Challan duly signed concerned customer / bill of entry etc. provided		5	Experience will be confirmed from the date of supplies made / delivered against the purchase order.
3	Length of Dealership	Length of Dealership i Above 4 years ii 3 – 4years iii 2 – 3 years iv 1 – 2 years v Below 1 year	5 4 3 2 0	5	Length of dealership with the quoted principal will be considered. Documentary Evidence be attached.
4	Financial Status	Financial Status i Tax Returns (Last 3 years) (2 marks each year) ii Bank Certificate* iii Bank Statement (Previous 12 months) iv Balance above the amount of quoted items.	3 2 2 03	10	All provided documents can be verified by the Department.



5	Technical Staff (Overall)	(Form-B)		4	Qualification marks will be awarded on the final degree.
	(Form B1)	Technical Staff			Complete supporting documents be
	(1 Orm B1)	i Less than 2 persons	0		attached.
		ii 3 -5 persons and above	02		
		iii 6 persons and above	04		
6	Good Reputation Certificate from any	(Form C1)		5	Institutions mean government institutions / Public Sector
	Govt. Institution /	Good Reputation Certificate			organizations / Public Sector
	Private Sector in Connection with	i No certificate provided	0		UniVersities / Government Agencies /
	Services	ii 1 to 2	1		Autonomous Bodies Private Institute
		iii 3 to 5	3		etc.
		iv 6 and above	5		
		Appreciation Certificates / Satisfac letters etc. must be attached.	tory		
7	Quality Parameters	Quality Parameters		15	Traceable Certificate of
		i Yes	15		Analysis/Certificate of
		ii No	00		Conformance shall be verified at
					the time of delivery of chemicals. COA with traceability or CRM by lab certified by ISO 17034
8	Tenders submitted			10	Provided at time of delivery of
	by firms other than manufacturer	Tenders submitted by firms other manufacturer	than		items/goods.
		i Sole distributer/Authorized Dealer	05		
		ii Track of Shipment	03		
		iii Proof of Purchase	02		
9	Bioequivalence study of quoted products	Availability of Bioequivalence s	tudy	6	



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Total Marks: 75

Qualifying Marks: 65 %

Note: Marks will be awarded only if the comprehensive and complete concerned supporting documents are enclosed.

The financial bids of technically accepted bidders will be opened publicly at a time to be announced by the Procuring Agency. The financial bids of the bidders found technically non-responsive shall be returned unopened to the respective Bidders.



T.S.N.	Description	Qty. to Purchase	Brand	Catalog No.	Pack Size	Unit Price
1	Acetic Acid 2.5L	16				
2	Acetone (2.5 L)	2				
3	Acetosyringone, Sigma Aldrich, D134406-5G	4				
4	Acrylamide 1kg	11				
5	Acrylamide/Bis-acrylamide solution 1L	10				
6	AflII (Thermofisher)	2				
7	Agar kg	14				
8	Agarose 500g	18				
9	Amicon 30 KDa and 100kDa	1				
10	Amicon® Ultra Centrifugal Filter, 30 kDa MWCO	2				
11	Ammonium Per Sulfate	5				
12	Amphotericin B	5				
13	Anti-CD105,ab114052 (Abcam, USA)	2				



14	Anti-CD34, ab81289 (Abcam, USA)	2	
15	Anti-CD45 sc-1178 (Santa Cruz Biotechnology, USA)	2	
16	Anti-CD63 antibody (ab231975)	2	
17	Anti-CD73, ab91086 (Abcam, USA)	2	
18	Anti-CD81 antibody [M38] (ab79559)	2	
19	Anti-CD9 antibody (ab223052)	2	
20	Anti-CD90,ab23894 (Abcam, USA)	2	
21	Anti-TSG101 antibody ab30871 or eq	2	
22	APS 100gm	1	
23	ASCI (Thermofisher)	2	
24	Bacterial DNA extraction kit	2	
25	BBS1 Enzyme	2	
26	BglII (Thermo)	3	
27	Birds' Park Oral Gavage Feeding Needle Curved & Straight Ball Tip Good for Canary, Finch, Lovebirds, Grey Parrot, Macaw Cockatoo Albino Rat & Mice pack of 12	1	
28	Bradford reagent 500ml	2	



29	Bromophenol Blue	3		
30	BSA1	2		
31	Calcium Chloride 1kg	6		
32	Carbon Tetra Chloride 2.5L	3		
33	CDNA Synthesis kit 100Rxns	15		
34	Cefotaxime	7		
35	Cell culture plate 12Well (50/CS)	30		
36	Cell Strainers 70micron cat # 22-363-548 White 70 µm pack of 50	4		
37	Cepheid Smart Cycler	2		
38	Chelex 100 Resin 50gm	2		
39	Chloroform	13		
40	CHU N6 Vitamin Mixture, Sigma/Phyto, 100 L	3		
41	Citric Acid, Anhydrous, ACS Grade, ≥ 99.5%, LabChem TM LC131401 pack of 500gm	1		
42	Citrimide Agar 500g	3		
43	Clone Jet PCR Cloning Kit (Thermo K1231)	5		



44	CO2 Euthanasia Chamber Euthanasia Chamber/Containmt System SKU (CS-EUTH2A)	1	
45	Collagen Coated 6-well Plates PureCol® Collagen Coated Plates cat no. 5073 PACK OF 50	8	
46	Collagenase 100mg	1	
47	Conical tubes 15ml with Rack (25Pk/20Pk/CS)	40	
48	Conical tubes 15ml without Rack (50Pk-10Pk/CS)	40	
49	Crystal Voilet	5	
50	CTAB (kg)	5	
51	Culture flask 25 cm2 vented cap (5Pk-40pk/Cs)	20	
52	Culture flask 75 cm2 vented cap (20pk/CS & 5/Pk)	20	
53	DAB Tablets 50/pk	5	
54	DAPI	3	
55	Dextrose 500g	1	
56	Dimethyl Sulfoxide (DMSO), cell culture reagent, 100 ml sc-358801 100 ml	2	
57	Disposable pippetts 10ml(4Pk/CS &100/Pk)	20	
58	Disposeable pippetts 5ml (100Pk-4Pk/Cs)	15	



59	DMEM Low Glucose 10L	10	
60	DMSO 2.5L	10	
61	DMSO cell culture 250ml	10	
62	DNA Ladder 1 Kb	4	
63	DNA Ladder 100 bp	3	
64	DNA Ladder 50 bp	3	
65	DNA Loading dye6x	13	
66	DNAse 1 100mg	2	
67	Dnase I	5	
68	dNTPs 100 mM 1ml	12	
69	Donkey anti-Mouse IgG - Alexa fluor, A21202 (Invitrogen, USA)	1	
70	DPPH	2	
71	Dream Taq DNA Polymerase EPO713 Thermo	5	
72	DTT (dithiothreitol) 5gm	1	
73	EDTA 500gm	13	



74	EDTA TUBE (100PC/PKT)	8		
75	Eosine Methylene Blue(EMB) Agar 500g	5		
76	Eppendorf Micro Pipette set	1		
77	Eppendorf Research plus Variable Volume, Dark Green, 8 Channel, Manual, Pipette	1		
78	EPPENDROFT TUBE 1.5ML (10PKT/CS)	17		
79	Epredia TM Cytoseal TM 60 Mountant. 6 Fisher Scientific cat # 22-050-262	6		
80	Epredia TM Cytoseal TM XYL Mountant. 6 Fisher Scientific cat # 22-050-262	6		
81	Ethanol HPLC 2.5L	20		
82	Ethanol/spirit pack of 2.5 litres	4		
83	Ethidium Bromide pack of 5gm	15		
84	exoEasy maxi Kit 178016852	1		
85	ExoSAP ml	2		
86	Falcon tubes 50ml with Rack (12Pk/CS & 25/Pk)	43		
87	Falcon tubes 50ml without Rack (20Pk/CS & 25/Pk)	44		
88	Fetal bovine serum 500ml	15		



89	FILTER ASSEMBLY 1000LITER 0.22UM (12PC/CS)	15	
90	FILTER ASSEMBLY 1000LITER 0.45UM (12PC/CS)	15	
91	FILTER ASSEMBLY 500LITER 0.22UM (12PC/CS)	15	
92	FILTER ASSEMBLY 500LITER 0.45UM (12PC/CS)	15	
93	FLASK CONICAL250ML (10PC/CS)	15	
94	FLASK CONICAL600ML (6PC/CS)	10	
95	Formaldehyde 1L	12	
96	FOUR E'S SCIENTIFIC 1-10ML Single-Channel Pipettor Adjustable Variable Volume Micropipette High Accurate Pipettor for Laboratory	2	
97	Gel extraction kit 50Preps	5	
98	Gene Jet Plasmid Miniprep Kit 50Preps	15	
99	Geneticin 25g	3	
100	Glacial Acetic Acid 2.5L	12	
101	GLOVES POWDER FREE LARGE (10BOX/CS)	33	
102	GLOVES POWDER FREE MEDIUM (10BOX/CS)	33	
103	GLOVES POWDER FREE SMALL (10BOX/CS)	32	



104	Glycine 500G	7		
105	Goat Anti-Rabbit IgG H&L (FITC) (ab6717)	1		
106	GOMSUN Bio Medical Pedal Waste Dustbin 12 LTR (YELLOW + BLUE + BLACK + RED PACK OF 4), Plastic	1		
107	Gram Iodine	5		
108	HCL (HPLC Grade) 2.5L	6		
109	His-tag antibodies	1		
110	His-tag purification kit (thermo)	1		
111	Hydrochloric Acid (HCL) 2.5L	5		
112	Hydrogen Peroxide 500ml	7		
113	IPTG 5g	5		
114	Kanamycine sulphate 5G	5		
115	Kinetin pack of 25gm	10		
116	KpnI Thermo FD0524	2		
117	Ladder 100bp (50ug)	17		
118	Ladder 50bp 50ug	12		



119	Lambda HindIII 50 µg	3		
120	LB Broth 500gm	1		
121	Lipofectamine	3		
122	Macconky Agar 500g	5		
123	Manitol Salt Agar 500g	3		
124	Maxima Syber green q PCR master Mix 2X 1000reac	17		
125	Mercapto ethanol	3		
126	Methanole 2.5L	20		
127	Millicell® Cell Culture Inserts 6 well PACK OF 50	2		
128	MilliporeSigma TM Millex TM -GP Sterile Syringe Filter Units with PES Membrane, 0.22 μm cat # SLGPR33RB pack of 50	5		
129	mlabs Pipette Filler, 10 ml	6		
130	MTT 1g	3		
131	Muller Hinton Agar 500g	5		
132	Nacl (5 kg)	3		
133	NBT/BCIP Tab. 25tb/pk	15		



135 N	NITROCELLULOSE MEMBRANE 0.45UM AMERSHAM	3		
136 r	nutrient agar 500gm	2		
137 F	PageRuler prestained NIR protein Ladder	3		
138 F	PCR 0.25ml 8TB FCAPS&STRIP (50PC/Pk & 5Pk/CS)	20		
139 H	PCR TUBE 0.2ML CLEAR THIN WALL (10PKT/CS)	28		
140 p	penicillin streptomycin 100ml	15		
141 F	Peptone 500g	12		
142 F	Petri Dish 90mm (25Pk/CS)	83		
143 p	pGemT Easy vector system Promega A1360	1		
144 F	Phenol solid 500g	3		
145 F	Phenol-chloroform-isoamyl alcohol PCI	5		
146 F	Phenyl Liquid 2.75L Finis	100		
147 F	Phosphate Buffer Saline Tablets pack of 100 Tab	15		
148 F	Phytagel (1 kg)	10		



149	Pippette tips 1ml 1000pk-10pk/case	13	
150	Phenylmethylsulfonyl Fluoride PMSF	5	
151	Potassium Chloride 250gm	2	
152	Powder free latex gloves Medium pack of 1000	4	
153	Pre-stain protein ladder 500ul	15	
154	2-Propanol 2.5 Litres	25	
155	Protease Inhibitor	5	
156	Proteinase K (500mg)	4	
157	Purelink quick gel extraction kit	1	
158	Polyvinylpyrrolidone (PVP) pack of kg	3	
159	Qiagen Taq DNA Polymerase (Qaigen Cat # 201205)	3	
160	QIAzole Lysis Reagent	1	
161	QUALIPLATE FOR DETECTING Cp4Epsps Glyphosate in Cotton/corn, Envirologix	5	
162	QUALIPLATE FOR DETECTING Cry1Ac in corn, Envirologix	5	
163	QUALIPLATE FOR DETECTING Cry2A in Cotton/corn, Envirologix	5	



164	QUALIPLATE FOR DETECTING PAT/BAR in corn., Envirologix	3		
165	QUALIPLATE FOR DETECTING VIP3A in corn, Envirologix	3		
166	Quickstix for BgII in Cotton/Corn, Envirologix	5		
167	Quickstix for Cry1Ac, Cry2A and Glyphosate in cotton/ Corn, Envirologix	5		
168	Quickstix for PAT/BAR in Corn, Envirologix	2		
169	Quickstix for RR in Cotton/Corn, Envirologix	5		
170	Quickstix for Vip3A in CORN, Envirologix	2		
171	Rapid DNA Ligation Kit 50Rxns	18		
172	Real time PCR plate (Piko real)	9		
173	Real time PCR plate 0.1 ml	5		
174	Real time PCR plate 96-well (ABI) (200/CS)	16		
175	Real-time 48 well plates (ABI PCR plates) (50/CS) with cover	7		
176	Restriction Enzyme Nde1 ER0581 Thermo	4		
177	Revertaid first strand cDNA synthesis kit 100prep	5		
178	Ripa Lysis Buffer 100ml	5		



179	RNAase Mini kit	1		
180	RNAase R	2		
181	RNAse A 1ml	19		
182	Sabroad Agar medium	3		
183	Sodium dodecyl sulfate (SDS) pack of kg	6		
184	Select Agar 1kg	10		
185	Sequencing of bacteriophages	10		
186	Sodium Acetate pack of kg	2		
187	Sodium benzoate kg	1		
188	Sodium Bi carbonate 1kg	8		
189	Sodium Chloride 5Kg	3		
190	Sodium Citrate pack of kg	5		
191	Sodium citrate tribasic dihydrate S4641-500gm	1		
192	Sodium nitrate 5kg	3		
193	sodium tri polyphosphate 500g	5		



194	SP Bel-Art Universal Animal Restrainer for 150-300 Gram Rats and Hampsters; Acrylic (H46400-0002)	1	
195	SPL T75 Cell Culture Flask cat # 70075 pack of 100	4	
196	Streptozotocin, S0130, N-(Methylnitrosocarbamoyl)-α-D-glucosamine, Streptozotocin	1	
197	streptozotocine 1G	8	
198	Sucrose 1kg	15	
199	Sulfuric Acid 2.5 Litres	5	
200	Supply Solutions Buffers in a Box, premix PBS Buffer(10x) pack of 500ml	4	
201	Syringe Filter 0.22UM (4Pkt/Case & 250Pc/Pkt)	18	
202	Syringe Filter 0.45UM (4Pkt/Case & 250Pc/Pkt)	15	
203	T A cloning Kits (Thermo)	6	
204	T4 DNA ligation Kit (Thermo Cat No EL0011)	4	
205	T7 Endonuclease Detection kit (Sigmal -Aldrich T7E1001)	4	
206	TAQ 500Un	5	
207	Tecniplast 3600M021 Metabolic Cage with Single Chamber Feeder for 1 Mouse	6	
208	TEMED 100ml	4	



209	Terrific Broth 500g	10		
210	TIROTECHS Build Trust & Protect Your Hands - Bite-Proof Animal Handling Gloves for Safe & Loving Pet Care with Dogs and Cats PAIR PACK	2		
211	Triton X 100ml	12		
212	Trizma Base 5kg	10		
213	Trizol	20		
214	Trizol Max Bacterial RNA isolation kit 100prep	2		
215	Trypsin EDTA 100ml	20		
216	Trypton 500g	20		
217	Unstained Protein Ladder	5		
218	WHITE TIPS (10Pk/CS & 1000PC/Pk)	44		
219	X-Gal	5		
220	xylazine 1G	8		
221	Xylazine HCl 333 mg/mL, Injectable Solution, 100mL (NexGen, SKU:NC-0107)	3		
222	Xylene 2.5L	7		
223	Yeast Extract 500g	15		



224	Yellow Tips (10Pk/Case & 1000Pc/Pack)	44		
225	Zeatin Riboside	2		
226	Zeocin	1		



Part 02 Single Stage Single Envelop

T.S.N.	Description	Qty. to Purchase	Brand	Pack Size	Unit Price
227	ANIMAL BEDDING 18 - 20 KG	90			
228	Ball Point (10/Pk)	75			
229	BEAKER 250ML (10PC/CS)	10			
230	BEAKER 600ML (10PC/CS)	10			
231	Binding Tape 2-inch	55			
232	Binding Tap 3-inch	28			
233	Bleach Robin 500ml	55			
234	Boric Acid 500gm	10			
235	Bucket Large 35L Plastic	15			
236	Bucket Small 6L Plastic	10			
237	CLING FILM ROLL	55			
238	Data Books Printed	200			
239	DRY MILK 05-KG PACK	30			



240	Dust Bin	25		
241	Duster	250		
242	Envelopes A4 printed	1000		
243	FEED No. 13 LIAR 50-KG PACK	30		
244	File Cover	400		
245	File Tags pack of 50	20		
246	Ketamine hydrochloride (K113-10ML)	60		
247	Labelling Marker pack of 04	100		
248	Lead Pencil (12/Pk)	30		
249	Match Box 10/Pk	10		
250	Max Powder (430g/Bottle)	80		
251	Musline Cloth than of 18 meter	15		
252	OIL LITRE PACK	78		
253	Olive oil 500ml	5		
254	Paper A4 80gm rim	300		



255	Paper B4 80gm Rim	200		
256	Paper Basket	50		
257	Paper Clips 30mm	10		
258	Paper Tape 1' pack of 12	15		
259	Parafilm Roll	30		
260	Plastic Sheets 2'*4'	250		
261	Plastic Tub	20		
262	Register 16No.	50		
263	SCOTCH TAPE 1'	150		
264	Skim milk 500G	8		
265	Soap Large size 145gm	200		
266	Spray Bottle	50		
267	Stapler Max medium	30		
268	Stapler Pin 24/6 pack of 20pkt	10		
269	Starch kg	1		



270	Surf Excel 500G	50		
271	Surgical Blade 23No. Pack of 100	60		
272	Syringe 10ml BD pack of 100	30		
273	Syringe 1ml BD pack of 100	15		
274	Syringe 5ml BD pack of 100	30		
275	Thumb Pins	10		
276	Tissue Roll (10Roll/Pkt & 10Pkt/Case)	20		
277	Towel Large Size	30		