



# KERALA AGRICULTURAL UNIVERSITY

College of Climate Change and Environmental Science,  
Vellanikkara, Thrissur Dist. Pin:680656  
Phone: 0487-2438692, E-mail:ccces@kau.in

No. CCCES/146/2025 – A2 (NT - iii)

Dtd.25.07.2025

## TENDER NOTICE

Sealed tenders are invited from competent firms for the supply of **Chemicals/Reagents** at College of Climate Change and Environmental Science with specifications as detailed below. The tender will be accepted up to **05.08.2025 @ 3.00 PM**. The tenders received after the stipulated time will not be considered at any circumstances. The received tenders will be opened at **05.08.2025 @ 3.30 PM**

Chemicals/Reagents			
Si No	Chemicals	Available Quantity	Quantity required
1.	IPTG (Isopropyl-β-D-thiogalactopyranoside)	5g	2
2.	X-gal	1g	2
3.	Proteinase K	1ml	1
4.	Tris base	500g	5
5.	DNA ligase	1ml	1
6.	Ethidium Bromide	10ml	1
7.	Tween 20	500ml	1
8.	DMSO (Dimethyl Sulfoxide)	500	1
9.	Sucrose	500g	1
10.	Agar (plant tissue culture)	500g	2
11.	Calcium Chloride (CaCl <sub>2</sub> )	500g	2
12.	Sorbitol	500g	1
13.	DEPC	100ml	1
14.	Phenol	500ml	2
15.	Phenol chloroform isoamylalcohol	100ml	1
16.	Trizol	100ml	1
17.	CTAB	100g	1
18.	Sodium Dodecyl Sulfate (SDS)	100g	1
19.	Isopropanol	4x25	4
20.	Diluent for DNA	500	2
21.	RNase A	100mg	1
22.	30% Acrylamide / Bis-acrylamide Mix Solution (Ratio 29:1)	500ml	1
23.	TEMED	100ml	1
24.	Ammonium persulphate	500g	1
25.	Protein marker	100uL	1
26.	RNA loading dye		1
27.	Albumin Bovine (pH 5.2) fraction V (Bovine Serum Albumin, BSA), 98%	50g	1

28.	Urea agar	500g	1
29.	Gel purification kit	25 reaxn	1
30.	Plasmid vector	1	1
31.	Diethyl ether	500ml	1
32.	Whatman No 1 filter paper strip (Size 25×50mm)	1 pack	4
33.	Low quality filter papers	1 pack	10
34.	dipotassium hydrogen phosphate	1	1
35.	a-naphtholin	10g	1
36.	potassium hydroxide	500g	1
37.	Barritt's reagents A	100ml	1
38.	Barritt's reagents B	100ml	1
39.	Bradford's reagent	500ml	2
40.	Fehlings solution A	500ml	2
41.	Fehlings solution B	500	2
42.	ferrous sulphate	500g	1
43.	phenol red	100g	1
44.	urea	100g	1
45.	Na <sub>2</sub> HPO <sub>4</sub>	100g	1
46.	KH <sub>2</sub> PO <sub>4</sub>	100g	1
47.	Congo red	25g	1
48.	Lysozyme	5g	1
49.	Isoamylalcohol	500ml	4
50.	10 X PCR buffer.	1 vial	1
51.	DNA loading dye	1 vial	2
52.	N-Butanol	250ml	4
53.	Tetramethyl-p-phenylenediamine dihydrochloride	5g	2
54.	Simmon's citrate agar	100g	1
55.	Triple sugar iron agar	500	1
56.	Nitrate broth	100g	1
57.	Sulfanilic acid	100ml	1
58.	alpha-naphthylamine	100g	1
59.	Guanidine isothiocyanate	500g	1
60.	Western blotting teaching kit	10expts	1
61.	ELISA teaching kit	10expts	1
62.	Polyethylene glycol (PEG)	500g	1
63.	Zinc chloride	500g	1
64.	Zinc sulphate	500g	1
65.	Cobalt Chloride	100g	1
66.	Boric Acid	500g	1
67.	Sodium molybdate	100g	1
68.	Methylene blue	25g	1
69.	Resorcinol	100g	2
70.	Pottasium sodium tartarate	500g	3
71.	3,5-Dinitrosalicylic acid	100g	1
72.	Cleansol Laboratory detergent	500ml	5
73.	pH4 tablets	1	3

74.	pH10 tablets	1	3
75.	pH7 tablets	1	3
76.	Sodium hydrogen phosphate	500g	1
77.	2,3,5-Triphenyltetrazolium chloride	50g	1
78.	Dipotassium Phosphate	500g	1
79.	Silica Gel G for TLC	500g	1
80.	Trichloro acetic acid	500ml	1
81.	pUC18	50 mcg	1
82.	Southern blotting teaching kit	1	1
83.	2 mercaptoethanol	500ml	1
84.	Acridine Orange	10g	1
85.	Tween 20	100ml	1
86.	glycerol	500ml	1
87.	Coomassie Brilliant Blue	25g	1
88.	bromophenol blue	25g	1
89.	Isoamylalcohol	500ml	2
90.	10 X PCR buffer	1 vial	2
91.	Murexide indicator	25 Gms	1
92.	Brucine sulphate	25g	1
93.	Ammonium acetate	500ml	1
94.	Nitric acid	500ml	2
95.	Oxalic acid	500g	2
96.	Ortho - Phosphoric Acid	500ml	1
97.	Stannous chloride	100g	1
98.	Dysol	500ml	5
99.	Universal primer 27F and 1492R	1	1

Cost of Tender Forms: - 0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs.400/- and maximum of Rs. 1500 + GST 18%

**Terms and Conditions: -**

1. Tender should be submitted in the prescribed forms which can be downloaded from the website [www.kau.edu/tenders](http://www.kau.edu/tenders). The cost of the tender forms will not be refunded under any circumstances.
2. The sealed cover containing the tender should be superscribed supply and installation of **Chemicals/Reagents**(along with the notification number) and addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU.
3. Tender should be accompanied by EMD of Rs.2000/- and Tender fee @ 0.2% +GST 18% of quoted amount by way of three crossed Demand Drafts separately (1. Tender fee 2.GST on tender fee 3.EMD) drawn in favour of The Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU, payable at the State Bank of India, KAU branch, Vellanikkara. Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms which are exempted from payment of EMD should furnish copy of the current valid certificate from the Store Purchase Department, Government of Kerala.
4. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.200/-

- (Rupees Two Hundred only) and format can be downloaded from the above website.
5. The successful tenderer should execute an agreement in Kerala Stamp Paper worth Rs. 200/- (Rupees Two Hundred only) and should furnish a security deposit of 5% of the cost of the items quoted in the form of demand draft term deposit/ bank guarantee/demand draft drawn in favour of the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU at State Bank of India, KAU branch, Vellanikkara, the format of the agreement can be downloaded from the above website.
  6. The price must be inclusive of all taxes and transportation charges and other charges, if any.
  7. The cost of the item, tax and other charges should be stated separately
  8. The exact specification, details of make, model, name of manufacturer, warranty details etc., of the item must be clearly specified.
  9. If any Bandh/strike/ any unexpected holidays occur on the date of opening of tender, the tender will be opened at the same time on the next working day. The decision of the undersigned in accepting the tenders shall be final and binding.
  10. Withdrawal of tenders after its acceptance of failure to supply the equipment or not according to the specification will entail cancellation of the tender.
  11. The supply order will be issued on the acceptance of the tender and the invoice should be addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara. The payment will be effected only after satisfactory supply and installation of the item.
  12. The successful tenderer should supply and install the item to College of Climate Change and Environmental Science, Vellanikkara, KAU. within Ten days from the date of the receipt of the supply order.
  13. The Dean, College of Climate Change and Environmental Science, Vellanikkara, reserves the right to remove the name of the defaulted suppliers from the list of suppliers permanently or for a specific period.
  14. The Dean, College of Climate Change and Environmental Science, Vellanikkara, has the right to accept or reject any or all of the offers without assigning any reason.
  15. All the rules and regulations applicable to Government quotations will be applicable to this also.
  16. In case of any delay in the procurement and installation of the equipment, the supplier/dealer shall be liable to pay a demurrage fee as determined by the College.

To,

1. KAU Website
2. Notice board

Signed by

(Sd/-)  
DEAN