



**KERALA VETERINARY AND ANIMAL SCIENCES**  
**CENTRE FOR ADVANCED STUDIES IN ANIMAL GENETICS AND BREEDING**  
**College of Veterinary and Animal Sciences, Mannuthy-680 651**

No. CASAGB/671/2017

Mannuthy, Dated: 27/ 08/2025

**QUOTATION NOTICE**

Sealed competitive quotations are invited from authorized firms for performing targeted metabolomic analysis of amino acids in 12 bovine serum samples under the state plan 2025-26, at CASAGB, CVAS, Mannuthy. Quotation should reach this office latest by 3.00 p.m. on 11.09.2025 and will be opened at 3.30 p.m. on the same day. The rate quoted should be inclusive of all taxes. All the rules and regulations applicable for the Government quotations will be applicable to this quotation also. These specifications should be given as described in the table below.

Type of analysis	Targeted metabolomic analysis of amino acids with absolute quantification
Instrument platform	TQD LCMSMS, MRM based targeted quantification
Sample Type and Volume	Bovine serum, ~ 200-300 µl
Analyte panel	Essential amino acids, non-essential amino acids and polyamines (if possible)
Quantification method	MRM LCMSMS TQD method with modified amino acids
Deliverables	<ul style="list-style-type: none"><li>• Raw LC-MS/MS files</li><li>• Processed quantitative data table in nmols/ml or umols/ml</li><li>• Methodology (sample prep + LC-MS/MS settings, Quantification method)</li><li>• QC results to be included of the standard</li></ul>
Price details	Cost per sample and total cost for 12 samples inclusive of GST
Turnaround time	Completion and data delivery within 1-2 week

All the specifications of the item should be mentioned in the quotation. The cover containing the quotation should be superscribed with **“Quotation for Targeted Metabolomic Analysis of amino acids under State Plan 2025-26”**. No advance payment will be made in this regard. The lowest rate quoted quotation will normally be accepted if all terms and conditions are satisfactory to the undersigned. The undersigned will have the right to reject any kind of the quotations without ASSIGNING THE REASON THEREOF. The successful quotationer should supply the item as per the indent issued from the office. The rate quoted will be valid for 3 months from the date of approval. The payment will be released only after the receipt of the deliverables as specified. Any further details can be had from can be had from the office during working hours.

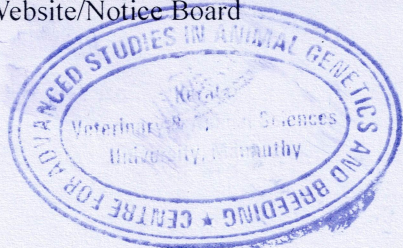
The quotations should be addressed and sent to:

The Director

Center for Advanced Studies in Animal Genetics and Breeding  
Kerala Veterinary and Animal Sciences University, Mannuthy  
Thrissur, Kerala-680 652

Sd/-  
Director

To: Website/Notice Board



//Forwarded for Issue//

Section Officer