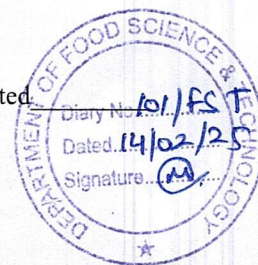


GURU NANAK DEV UNIVERSITY AMRITSAR

Department of Food Science & Technology

Dated



Ref. GNDU/FT-
To,

NOTICE INVITING QUOTATION

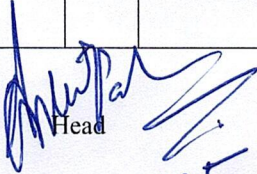
Sir,

Please send your quotation to the undersigned in a sealed cover superscribed:-
QUOTATION FOR Automatic Nitrogen / Protein Analyzer due at 3:30p.m on **28-02-2025**.
By registered Post only.

S. N.	Name of articles & full specification	Unit	Qty	Remarks
1.	<p>Automatic Nitrogen / Protein Analyzer Multi-Function Automatic Digestion system (Kjeldahl. COD. Diacid & Triacid, Trace Metal) Application Rapid Automatic Macro Block Protein Digestion System (Suitable for all type of sample like solid & liquid milk & diary products, feed, food & health supplements, fish food soils, plants, water, pesticides, fertilizer, animal feeds, bio material & many more) System Description Superior Auto Sequencing Microprocessor Based Four Sample Macro tube Digestion Block with Programmable Controller Digital Two Line LED display system Heaters rapid & High heating casted Aluminium for Even heating Tube Volume:300ml Tube Capacity, Electrical Requirement: 220V Superior Features Inbuilt Auto sequence allows 10 Intelligent program system 5 Desire Ramp/Sequence steps Temperature Controller Range: Ambient to 500° C, Temperature Accuracy: ±1°C Inbuilt Automatic Digital Timer in the Bright Digital Two Line LED Display Instrument provided with auto restart button Exhaust Manifold system for removing acid fumes with high grade Teflon with Viton Mix flexible adaptors fitted on to a S.S insert rack (Anticorrosive & Heat Resistant) Display Status : Program No, Ramp No, Set Value, Present Value, Temperature & time Safety Features Oven Temp. protection, Auto sensor break protection, oven temp. Cut off, auto error indication and sensor break detection Auto heater Cut off after completion of Digestion Cycle</p> <p>System Description Auto Nitrogen Distillation System (ISO 9001:2015 & CE Certified) The Rapid Fully Auto Run completely Microprocessor Programmable Based PC Compatible Auto Sequence Operation of Two Line LCD Display Distillation System with 50 Programmable user In built Software) Electrical Requirement: 220-230 V single phase 50Hz A.C Versatile Tube Capacity of 300,400,800 Etc. Application Solid & liquid, Animal Feed, Fish Meal, Fodder, Water, Pesticides, Fertilizers, Manure, waste water, urea, Bio Material, Grain, Plant, Soil, food & feed, milk, skimmed milk powder, Milk products, Confectionary and many more User Storage Auto sequence Programme Steps Auto Addition of Sample Dilution Auto Duration of React time Auto Duration for delay time Auto Addition of NaOH (Alkali) Auto Duration of Neutralization. Auto Addition of Steam injection. Auto Duration of Sample Settle Time. Auto Distillate control with Adjustable volume Auto Process over Intimation with alarm Auto alarm for Sequence steps Each Sequence run with inbuilt auto delay time feature Superior Features</p>	1	1	

<p>Facility for Auto Distillate control with adjustable Sensor, Two line Alpha numeric Digital LCD display, Alkali Storage tank wall mounted in the side of the Instrument for easy handling and visibility.</p> <p>Transparent view window to watch the distillation process & Splash Head, Auto Deactivation of Operation in case of user non availability, Adjustable steam power from 5 to 100%, Auto online water saving mechanism, Automatic Water level Monitoring system, peristaltic pump for reagents addition. Stainless steel non corrosive steam Generator, peristaltic pump for reagents addition. Control panel unit along with inbuilt temperature controller, timer, motherboard, SMPS should be isolated in separate compartment to protect electronics from wet chemistry & acid/alkali process area Nitrogen level : 0.1 to 200 mg Nitrogen, Nitrogen Reproducibility : $\pm 1\%$ RSD, Nitrogen Recovery: $> 99.5\%$</p> <p>Chemical Resistant compounds with Epoxy Coat. Safety Features</p> <p>Auto tube inserts error indication</p> <p>Safety Auto Door opens warning alarm with visual Indication</p> <p>Auto Deactivation of System Error Diagnosis, Etc</p>			
---	--	--	--

Quotations received late are liable to be ignored.


Head

Head 14/2/25
Food Science & Technology
Guru Nanak Dev University
Amritsar