

**NATIONAL DRUG DEPENDENCE TREATMENT CENTRE
ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

Short Rate Enquiry No. 03/Lab items/NDDTC/19-20/ST

Date: 26-07-2019

A short rate enquiry (Limited Tender) is floated/invited for the purchase of below mentioned item as per the specification.

Name of item: **Biochemistry Reagents, Calibrators and controls.**

Quantity: list attached

Specification of Biochemistry reagents and controls.

1. Biochemistry reagents system pack to run on Beckman Coulter AU480.
2. Reagents should be FDA (USA) and CE (European) approved.
3. The expiry should not be less than 1 year.
4. All the reagents should be compatible to AU480 biochemistry Analyzer.
5. Original product literature of manufacturer having all details of the test should be provided, which should include normal range, sensitivity, linearity, reproducibility, on board reagents stability, calibration stability etc.
6. Reagents should be in original packing of the manufacturer and not refilled or repacked and if found so the tender will be rejected.
7. Manufacturer should provide application sheet for AU480 (validated) with full kit detail.
8. The following profile should be from one standard company –
 - I. AST, ALT, GGT, Alk. Phos and Total Bilirubin.
 - II. Urea, Uric acid, Creatinine, Total Protein and Albumin.
9. The company should have manufactured the kit, controls and calibrator and should provide product analysis certificate.
10. For technical bid the kit cost, reagent “cost per ml & cost per test” and total number of test that can be perform on AU480 instrument should also be mentioned.
11. Control and Calibrator should be from same company and Traceability certificate for the same should be submitted.
12. Satisfactory demonstration is essential for final procurement.

Biochemistry Reagents

S.No.	Description	Method	No. of test	Onboard Stability	Performance of the assay		
					Linearity	Precision	Sensitivity
1	Glucose	Hexokinase	6000-7000	28 days	1-800mg/dl	1.5-3.5%	Up to 1 mg/dl
2	Urea	Urease Enzymatic	6000-7000	30 days	5-320 mg/dl	2.5-4.0%	≤ 6.5 mg/dl
3	Total Bilirubin	DPD	6000-7000	28 days	0-30 mg/dl	1.0-2.0%	Up to 0.03 mg/dl
4	AST	IFCC without PSP	6000-7000	28 days	0-500 U/L	1.1-4.0%	Up to 1 U/L
5	ALT	IFCC without PSP	6000-7000	28 days	0-500 U/L	2.0-2.3 %	Up to 1 U/L
6	Alkaline Phosphatase	IFCC DEA	6000-7000	28 days	5-1600 U/L	2.0-5.0 %	≤ 2.5 U/L
7	Total Protein	Biuret	6000-7000	30 days	3.0-12.5 mg/dl	0.5-1.0 %	Up to 0.08 mg/dl
8	Albumin	Bromocresol green	6000-7000	90 days	1.0-6.0 gm/dl	1.0-2.5 %	Up to 0.3g/dl
9	GGT	IFCC	6000-7000	28 days	5-1200 U/L	1.0-2.5 %	Up to 1.0 U/L

10	Creatinine	Jaffe's Method	6000-7000	14 days	1-35 mg/dl	1.0-3.0%	≤2.5 mg/dl
11	Total cholesterol	CHO-POD	6000-7000	90 days	20-700 mg/dl	1-2.5 %	Up to 1.0 mg/dl
12.	Uric Acid	Enzymatic colorimetric	6000-7000	30 days	1-1100 umol/l	1-2%	Up to 1 umol/l

Calibrators and Controls

S.N.	Item	Description	Pack size	Stability after reconstitution		Quantity
				-20 C(once frozen)	2-8 C	
1.	System Calibrator	Lyophilized multi serum	20x5 mL	Not recommended (for enzyme) 1 month (biochemical assays)	Not more than 8 hours (for enzymes) 30 hours-1 week (biochemical assays)	1
2.	Quality Controls level 1	Lyophilized multi serum level 1	20x5 mL	1 month	Not more than 2 days (for enzymes) 7 days (biochemical assays)	1
3.	Quality Controls level 2	Lyophilized multi serum level 2	20x5 mL	1 month	Not more than 2 days (for enzymes) 7 days (biochemical assays)	1

Terms & Conditions:-

1. Firm should quote applicable GST Extra.
2. Authorization certificate from manufacture/principle should be annexed with quote.
3. The firm must be registered and having TIN No. /Registration no. (Please mentioned TIN/registration no. on the bid) or else the quotation will be treated as cancelled.
4. The firm is requested to submit the price reasonable certificates, undertaking on the letterhead that the firm has not supplied lower than this price to any extent depending upon the actual requirement.
5. The quantity shown in the schedules can be increased or decreased to any extent depending upon the actual requirement.
6. The quotations should be addressed to **Asstt. Store Officer, National Drug Dependence Treatment Center, All India Institute Of Medical Science, Sector 19, C.G.O Complex -II, Kamla Nehru Nagar, Ghaziabad, Pin -201002,(U.P.)**
7. Quotation should be sealed in an envelope and the reference no. clearly written on the top of the envelop.

Due date : 09-08-2019 at 12.00 Noon.

Date of Opening of Quotation: 09-08-2019 at 12.30 p.m.

for  Asstt. Store Officer, NDDTC