

28.10.2021

**Amendment No. 1****Sub: Technical Amendment to the referred tender enquiry****Ref.: HITES/PCD/AIIMS-IV/45/Core-Lab/21-22 dated 22.10.2021**

The following changes are being incorporated in the above referred Tender Enquiry Document.

**SECTION VII  
TECHNICAL SPECIFICATIONS****Added para under technical specification**

<b>BOQ for 'Integrated Track-Based Automation Enabled Core Clinical Laboratory'</b>					
<b>Sr. no</b>	<b>Equipment name</b>	<b>Total Qty</b>	<b>Complied to the Tender Specification (Yes/No)</b>	<b>Make &amp; Model</b>	<b>Remarks</b>
1	Input module	1			
2	Output module	1			
3	Centrifuge	2			
4	Decapper	1			
5	Recapper (For Pre analytical)	1			
6	Recapper/Resealer (For Post Analytical)	1			
7	Aliquoter	1			
8	Fully Automatic Clinical Chemistry analyser	2			
9	Fully Automatic Immunoassay analyser	2			
10	Haematology analyser	2			
11	Coagulation analyser	2			
12	Refrigerated storage unit one each	1			
13	Manpower Requirement as per specification ( <b>Price to be quoted separately</b> )	LS		NA	
14	Vertical Deep Freezer (-20 deg C) ( <b>Price to be quoted separately</b> )	1			

15	Vertical Deep Freezer (-80 deg C) <b>(Price to be quoted separately)</b>	1			
16	Cold Room for storage of Chemicals and Reagents <b>(Price to be quoted separately)</b>	1			
	<b>IMPORTANT NOTE:-</b>				
	The bidders may offer single equipment combining multiple functionalities of BOQ items. However, throughput/ capacity/ other functional parameters, etc. of individual BOQ items must be met separately as specified in technical specifications and the quantity of combination equipment offered must match the BOQ quantity of higher number of respective BOQ items for which the combination has been offered.				
1	<b>Examples:</b> If BOQ item at serial no 5 & 6 is offered as a combination equipment then throughput capacity must be individually met simultaneously for pre-analytical (500/hr) & post analytical stage (500/hr) i.e. minimum throughput of combination equipment must be 1000/hr.				
2	Similarly if item no. 8 & 9 are offered as a combination in one equipment, the total quantity of the "combination equipment offered "will be (2) two instead of 2 nos. each of item no. 8 & 9. Further each of the "combination equipment offered" must have a throughput of at least 800 test/hr for functionalities of item no. 8 and at least 170 test/hr for functionalities of item no. 9.				

## ANNEXURE - 1

## Section I - Reagent cost

Sl. No	List of Parameters	(A)	Reagent Pack Details				Complied and Price quoted in Price-Bid.
		No. of tests (approximate load over 10 years being factored for bid ranking only)	Reagent Pack - make/ brand	Pack Catalogue No.	No. of tests/pack	Total No. of Reagent packs to be used for No. of tests in column "A"	
1	Glucose	1500000					
2	Electrolytes (i.e. Na+, K+, Cl-)	1500000					
3	Urea	1500000					
4	Creatinine	1500000					
5	Uric Acid	300000					
6	Cholestrol	1500000					
7	Triglycerides	1500000					
8	Direct LDL	1500000					
9	HDL	1500000					
10	Calcium	1500000					
11	Phosphorus	300000					
12	Magnesium	300000					
13	Total Bilirubin	1500000					
14	Bilirubin Conjugated	1500000					
15	ALT	1500000					
16	AST	1500000					
17	Alkaline phosphotase	1500000					
18	Gamma GT	1500000					
19	Amylase	1100000					
20	LDH	1500000					
21	CK NAC	100000					
22	Urinary Proteins	1500000					
23	Homocysteine	150000					
24	B12	150000					
25	Folate	150000					
26	Ig G	300000					
27	Ig A	300000					
28	Ig M	300000					

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29	Ferritin	300000					
30	Transferrin	300000					
31	UIBC / TIBC	50000					
32	Total PSA	100000					
33	CA 125	150000					
34	TSH	150000					
35	FSH	150000					
36	LH	100000					
37	Prolactin	100000					
38	PTH	100000					
39	Cortisol	100000					
40	Testosterone	100000					
41	Free T3	150000					
42	Free T4	150000					
43	Free PSA	50000					
44	Troponin	50000					
45	Insulin	100000					
46	Myoglobin	50000					
47	Estradiol	100000					
48	Progesterone	50000					
49	AFP	100000					
50	CEA	100000					
51	25 (OH) Vitamin D Total	150000					
52	CK-MB	60000					
53	HBs Ag	150000					
54	HIV Combo	300000					
55	Albumin	300000					
56	CBC+Diff	1500000					
57	CBC+Diff+Retic	500000					
58	Anti Xa assay	50000					
59	APTT	200000					
60	D-Dimer	100000					
61	Fibrinogen	100000					
62	Lupus anticoagulant	100000					
63	Prothrombin time	2,00,000					
64	Thrombin time	100000					

65	Protein C	50000				
66	Protein S	50000				
67	Antithrombin assay	50000				
68	Total protein	1500000				
69	Lipase	50000				
70	C3	50000				
71	C4	50000				
72	CRP	100000				
73	RF	50000				
74	Valproic acid	50000				
75	CA 19-9	100000				
76	Iron	50000				
77	Total protein (CSF)	25000				

**Section II - Consumable cost (other than reagents)**

**Items/ Pack Details**

Sl. No.	Type of Consumable (Bidder may add additional rows)	Details of Tests / Analyzers/ Equipment, etc. the consumable is being used for	Make/ brand	Catalogue No.	(E) Total No. of Consumable item/ packs to be used for cumulative no. of tests from serial no. 1 to 78 as detailed in column "A" of Section 'I'	Complied and Price quoted in Price-Bid.
	<b>Calibrators</b>					
	<b>Quality controls</b>					
	<b>Additives</b>					
	<b>Cleaners</b>					
	<b>Any other</b>					

	Consumables					
	<b>Important Note:</b> Any reagent or any consumable required for performing tests, calibration, quality control, cleaning the lab system, etc. for tests from Sl. No. 1 to 77 as per quantities detailed in column "A" of Section-I, if not quoted in section 'I' and section 'II' of Annexure-1 shall be provided free of cost by the bidder during the validity of the contract.					

All other contents of the Tender enquiry including terms & conditions remain unaltered.  
Note:

- I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids