

Amendment No. 2**04-01-2018****Sub: Amendment to the Bidding Document****Ref: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/08/17-18 dated 11.12.2017 read with its Amendment no. 1 dated 14.12.2017.**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

SECTION – II**GENERAL INSTRUCTIONS TO BIDDERS (GIB)**

Sl. No.	Ref. Tender Page & Para	Existing	Amended as
1	Page 15 GIB Clause No. 1.6 -3	One Principal/OEM cannot authorize two agents simultaneously for the same item against same ATE.	Deleted for item at sl. no. 01 in the Bidding Document (Rfx no. 3000002480 i.e. Integrated Track-Based Automation Enabled Core Clinical Laboratory) only .

SECTION - VII**TECHNICAL SPECIFICATION AND GENERAL POINTS****A. TECHNICAL SPECIFICATION:****Item sl. no. 01 (Rfx no. 3000002480)****Integrated Track-Based Automation Enabled Core Clinical Laboratory**

Sl. No	Ref. Tender Page & Para	Existing Tender Specification	Amended Tender Specification
1	Page 45 Sl. No. 1.3 – 5	Noise level at full speed should be less than 65 dB.	Noise level at full speed should be less than 70 dB .

Sl. No	Ref. Tender Page & Para	Existing Tender Specification	Amended Tender Specification
2	Page 45 Sl. No. 1.6 -3	It should have a minimum recapping capacity of 600 tubes/hour	It should have a minimum recapping capacity of 500 tubes/hour
3	Page 46 Sl. No. 2.1 - 5	Must have facility of sample probe obstruction & detection.	Deleted
4	Page 46 Sl. No. 2.1 - 13a	Must facilitate user defined 'Auto QC' option (ability to order QC run automatically at pre-defined time intervals/test intervals) which must be assay dependent.	Must facilitate user defined 'Periodic Quality Control' option Through middleware or automatically (ability to order QC run at pre-defined time intervals/test intervals) which must be assay dependent. Manual Loading of controls for QC is permitted and shall be the responsibility of the operator deployed by the bidder.
5	Page 47 Sl. No. 2.3 - 9a	Must facilitate user defined 'Auto QC' option (ability to order QC run automatically at pre-defined time intervals/test intervals) which must be assay dependent.	Must facilitate user defined 'Periodic Quality Control' option Through middleware or automatically (ability to order QC run at pre-defined time intervals/test intervals) which must be assay dependent. Manual Loading of controls for QC is permitted and shall be the responsibility of the operator deployed by the bidder.
6	Page 50	L1 Calculation shall be based on: Cost of the equipment specified in BOQ including all	L1 Calculation shall be based on: Cost of the equipment specified in BOQ including all

Sl. No	Ref. Tender Page & Para	Existing Tender Specification	Amended Tender Specification
		<p>the requirements listed in the tender including UPS, RO Water system, Manpower and all the turnkey works charges + Grand Total (Z) as indicated in Annexure "1" + CAMC for 6th-10th year(NPV). The prices of all the reagents and QC material etc. quoted for in Annexure "1" will be fixed for the period of validity of the contract.</p>	<p>the requirements listed in the tender including UPS, RO Water system, Manpower and all the turnkey works charges + Grand Total (Z) - i.e. Operational cost for 10 Years - as indicated in Annexure-1" + CAMC for 6th-10th year (NPV).</p>
7	Page 50	<p>The prices of all the reagents and QC material will be fixed for the period of validity of the contract.</p>	<p>"The prices of all reagents & consumables quoted in Annexure-1" will be fixed for the period of validity of the contract.</p>

Existing **Annexure-1** in the Bidding Document (at page 52) is replaced by the new **Annexure-1** (consisting of Section-I & Section-II) in the following page.

ANNEXURE - 1**Section I - Reagent cost**

Sl. No	List of Parameters	(A) No. of tests (approximate load over 10 years being factored for bid ranking only)	Reagent Pack Details					(C) Total No. of Reagent packs to be used for No. of tests in column "A"	Total Cost of reagent Packs over 10 Years(B x C)
			Reagent Pack - make/ brand	Pack Catalogue No.	No. of tests/pack	(B) Cost per Pack			
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						
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					
78	Total Protein (Urine)	25000					
Total cost of all Reagents required for performing tests from sr . No. 1 to 78 as per quantities detailed in column"A" of Section 'I'							Sum of above (X)
Section II - Consumable cost (other than reagents)							
Items/ Pack Details							
Type of Consumable	Details of Tests / Analyzers/ Equipment, etc. the consumable is being used for	Make/ brand	Catalogue No.	(D) Cost per Consumable item/ Pack	(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'	Total Cost of Consumable item/ packs over 10 Years(D x E)	
Calibrators (Bidder may add additional rows)							

Quality controls (Bidder may add additional rows)						
Additives (Bidder may add additional rows)						
Cleaners (Bidder may add additional rows)						
Any other Consumables (Bidder may add additional rows)						
Total cost of all Consumables (Except reagents) required for performing tests from sr . No. 1 to 78 as per quantities detailed in column "A" of Section 'I'						Sum of above (Y)
Grand total (Z) (to be incorporated in main price bid at appropriate place therein): $Z = (X + Y)$						
Important Note: Any reagent or any consumable required for performing tests, calibration, quality control, cleaning the lab system, etc. for tests from Sl. No. 1 to 78 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.						

Existing BOQ in the Bidding Document (at page 56) is replaced by the following BOQ:

Sr. no	Equipment name	Qty
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

IMPORTANT NOTE:-

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.

Examples:

1. 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.

The bidder must also offer any other item not detailed in BOQ or Annexure 1 but required for optimal functioning of the Lab system (for test parameters specified in Annexure 1) as standard without any additional cost.

All other contents of the Bidding Document including terms & conditions remain unaltered.