Amendment No. 6

20.12.2018

Sub: Amendment to the Bidding Document

Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/28/18-19 dated 10.08.2018 read with its Amendment no. 1, 2, 3, 4 & 5 dated 20.08.18, 13.09.18, 08.10.18, 29.10.18 & 29.11.18.

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

SECTION – I

NOTICE INVITING BIDS (NIB)

Description	Existing	Amended as
Last date and time of online submission of tender	21.12.2018 at 12:00 noon	**10.01.2019** at 12:00 noon
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document	21.12.2018 at 2:00 pm	**10.01.2019** at 2:00 pm
Date of tender Opening	21.12.2018 at 2:30 pm	**10.01.2019** at 2:30 pm

SECTION – III

SPECIAL INSTRUCTIONS TO BIDDERS (SIB)

34. Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders

34.1 Further to GIB Clause 33 above, the purchaser's evaluation of a bid will include and take into account the following (added para):

Existing:

iii) The items under this tender enquiry are intended to be specifically delivered and installed for use at National Cancer Institute, AIIMS (Jhajjar Campus) which is a Research cum Cancer Institute. Accordingly, custom duty, cess, IGST, payable at

the time of Import in the name of the Institute shall be applicable as per Custom Notification No. 51/96-Cus dated 23.07.1996 and its subsequent amendments, if any. Similarly, CGST/SGST payable at the time of supplies in the name of the Institute from Indian suppliers shall be applicable as per notification no. 47/2017-Integrated Tax (Rate) dated 14.11.2017 issued by Department of Revenue, Ministry of Finance, GOI. The ranking of bids shall also be made by taking into such rates of taxes & duties for those items as mentioned in the said notifications.

Amended as: **Deleted**

SECTION - VII

TECHNICAL SPECIFICATION AND GENERAL POINTS

A. TECHNICAL SPECIFICATION:

Item No. 1 (Rfx/Event number 3000003282)

Blood Bank

Sl. No.	Ref. to the Bidding Document	Existing Tender Specification	Amended as
Sl. No 2. Blood Collection Monitor			
1	Page 48, Point 8	Oscillation 16 +/-(2) rpm	Oscillation **12 - 16 rpm**
2	Page 48, Point 11	Every Bio-mixer should be provided with carry box with handle.	Every Bio-mixer should be provided with **manufacturer provided** carry box with handle.
3	Page 49, Point 14	Should be USFDA or European CE approved product.	It should have USFDA or European CE **certification**
4	Page 48	Added Para. 16	**The biomixer should be able to integrate with LIS for data management.**
Item at Sl. No 3. Blood Donor Couch			
5	Page 49	Heading "Blood Donor Couch"	**Portable Blood Donor Couch**
6	Page 49, Point 12	Should be provided with transportation trolley to hold maximum 5 couches	**Deleted**
7	Page 49, Point 13	Cost of transportation trolley should be quoted separately	**Deleted**
8	Page 49, Point 15	It should meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety.	**Deleted**

9	Page 49	Added Para. 16	**Equipment should have USFDA or CE certification**
Sl. No 5. Dielectric Tube Sealer - Handheld			
10	Page 50, Point 2.1	Manufacturing should be compliant with ISO 13485, and both manufacturer and distributor/service provider should be ISO 9001:2008 compliant.	**Equipment should have** ISO 13485 certification and Manufacturer should **have ISO 9001 certification**.
11	Page 50, Point 5	Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type.	Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type. **It should have a portable hand unit with coaxial cable of 1.5 - 2 meter**.
12	Page 50, Point 6	Sealing time should not be >2 sec	Sealing time should not be >2 sec. **It should be able to make 50-60 seals/ hr. and with No warm-up time**.
13	Page 50, Point 11	No. of seals per charge should be more than 1200 continuous seals from a fully charged battery.	No. of seals per charge should be **500-700 continuous** seals from a fully charged battery.
14	Page 50, Point 12	Charger should be compatible with Input voltage: 240 V 50 Hz Single phase AC.	Charger should be compatible with Input voltage: 240 V 50 Hz Single phase AC. **It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility**.
Sl. No 6, Blood Bank Refrigerator - 700 L			
15	Page 50	Heading: Blood Bank Refrigerator - 700 L	Blood Bank Refrigerator - **400 L**
16	Point 1, Page 50	Storage Capacity: Should be at least 700 Liters capacity and should be able to accommodate minimum 350 triple bags of 350 ml and 450 ml capacity.	Storage Capacity: Should be at least **400 Liters capacity** and should be able to accommodate minimum 350 triple bags of 350 ml and 450 ml capacity.
17	Point 14, page 51	While in operation, the noise level must not exceed 60 dB.	While in operation, the noise level must not **exceed 90 dB**.
18	Point 18, Page 51	Should be USFDA or European CE approved product.	Equipment should be USFDA or European CE certified.
Sl. No 8. Refrigerated Blood Bag Centrifuge - 12 bags			
19	Point 19, page 53	Should be USFDA or European CE approved product.	**Equipment** should be US-FDA or European **CE certified**.

Sl. No 9. Refrigerated Blood Bag Centrifuge - 16 bags			
20	Point 19, Page 55	Should be USFDA or European CE approved product.	Equipment should be US-FDA or European CE certified.
Item at Sl. No 10. Platelet Agitator cum Incubator (Upright Model) (150-200 random donor platelet units)			
21	Point 3e, Page 56	Design of shelves : The agitator must be noiseless (< 60 db)	**While in operation, the noise level must not exceed 90 dB**.
22	Page 57 Point 15	Should be US-FDA or European CE approved product.	**Deleted.**
Sl. No 11. Platelet Agitator cum Incubator (Upright Model) (48 random donor platelet units)			
23	Page 58 Point 15	Should be USFDA or European CE approved product.	**Equipment** should have USFDA or European **CE certification**.
Sl. No 12. Plasma Thawing Bath			
24	Point 4, page 59	Should give an alarm when the plasma bags are thawed	**Deleted**
25	Point 16, Page 59	The quoted model should have FDA or CE or ISO certificate and copy of the same should be enclosed along with the technical bid.	**Equipment should have USFDA/ CE/ISO certification**.
Sl. No 13. Water Bath			
26	Page 60	Added Para. 5	**Equipment should have USFDA or European CE certification. Manufacturer should have ISO certification.**
Sl. No 14. Electronic Double Pan Component Balance			
27	Page 61 Point 13	Should be USFDA or European CE approved product.	**Equipment** should have USFDA or European **CE certification**.
Sl. No 15. Deep Freezer (-40˚C) 700 L			
28	Page 61	Heading "S. No:-15 Deep Freezer (-40˚C) 700 L"	S. No:-15 Deep Freezer (-40˚ C) **400 L**
29	Point 3, Page 61	Upright model with internal capacity 700 liters or more.	Upright model with internal capacity **400 liters** or more.
30	Point 18 Page 61	System should have minimum vibrations, and noise level should not exceed 70 db.	System should have minimum vibrations, and noise level should not **exceed 90 db.**
31	Point 26, Page 62	Should be USFDA or European CE approved product.	**Equipment** should have USFDA or European **CE certification.**
Sl. No 16. Deep freezer(-80) 800 L			
32	Page 62	Heading "S. No:-16 Deep Freezer (-80˚C) 800 L"	S. No:-16 Deep Freezer (-80˚ C) **400 L**
33	Point 3, Page 62	Vertical model with internal capacity 800 L or more.	Vertical model with internal capacity **400 L or more**.

34	Point 25, Page 63	Should be USFDA or European CE approved product	**Equipment** should have USFDA or European **CE certification**.
Sl. No 17. Dielectric Tube sealer (Bench top)			
35	Point 3, page 63	The sealing time should be between 0.5-2 seconds. It should be able to make 70-80 seals/ hr.	The sealing time should be **within 2 seconds**. It should be able to make **at least 40 seals/hr**.
36	Point 12, page 63	Should be light weight not more than 6 Kg.	Should be light weight not more **than 8 Kg**.
37	point 13, page 63	It should give alarm in case of detection of wet tube, leakage and sealing defect	**Deleted.**
Sl. No 18. Manual Plasma Extractor			
38	Page 64 Point 6	Certifications: Product certification: CE class IIA or US FDA certified.	It should have European CE class IIA or US FDA certification"
Sl. No 20. Blast Freezer			
39	Page 66	Added Para. 38	**Equipment should be USFDA or European CE certified.**
Sl. No 22. Biological X-ray based blood irradiator			
40	Page 67, Point 3	The system MUST have X-ray tube output limits up to 220 kV, 30 mA and/or 3 kW.	The system MUST have X-ray tube output limits **up to 160 kV, 26 mA and/or 3 kW**.
41	Page 67, Point 4	The X-ray tubes should have life span of at least 5 years/5000 hours.	The X-ray tubes should have life span of at least 5 years.
42	Page 67, Point 7	It must have self-contained cooling system without requirement of external water supply.	It should have self-contained / external cooling system **with or without** requirement of external water supply.
43	Page 67, Point 8	Canister volume should be able to accommodate a minimum of 6 to 8 blood bags each of 300 ml at a time	Canister volume should be able to accommodate a minimum **of 3 to 6** blood bags each of 300 ml at a time.
44	Page 67, Point 10	The system MUST include a positioning function for beam and specimen alignment.	The system **may** include a positioning function for beam and specimen alignment.
45	Page 67	Added Para. 26	Equipment should be USFDA or European CE certified.
Sl. No 23. Fully Automated Random Access Chemiluminescence			
46	Page 70	Added Para. 14	Equipment should be European CE or USFDA certified.
Sl. No 24. Table Top Centrifuge			
47	Point 18, Page 71	Should be USFDA or European CE approved product.	Equipment should have USFDA or **European CE certification**.
Sl. No 25. Reagent Refrigerator			
48	Page 71 Point 16	Should be USFDA or European CE approved product.	Equipment should have USFDA or **European CE certification.**

Sl. No 26. Micro pipette set (Manual adjustable)			
49	Page 72 Point 14	Should be US FDA or European CE approved.	Equipment should have USFDA or European CE certification.
Sl. No 27. Multichannel Pipette			
50	Page 73	Added Para. 15	Equipment should have USFDA or European CE certification.
Sl. No 28. Digital pH Meter			
51	Page 73, Point 14	Should be USFDA or European CE approved product.	Equipment should have USFDA or European CE certification.
Sl. No 29. Walk-in modular cold room			
52	Page 76	Added Para. 28	Equipment should have USFDA or European CE certification.
Sl. No 30. Fully Automated Immuno-Haematology (IH) platform			
53	Page 77 Point 13	Should be USFDA or European CE approved product.	Equipment should have USFDA or European CE certification.
Sl. No 32. Apheresis Machine			
54	Point 1, page 78	Continuous Flow Blood Cell Separator.	Continuous **and/or Intermittent** Flow Blood Cell Separator.
55	Point 20. a Page 79	Disposable platelet pheresis kits should be provided with the system	**Deleted.**
Sl. No 35. Bio-Safety Cabinet			
56	Page 82, Point 1.	Floor model, horizontal flow, well lighted, work space, low vibration and noise. Easy to maneuver due to caster wheel provision. Overall dimension of workspace should be approximately 1200 mm x 600 mm x 600 mm. Class 2A type.	**Tabletop model,** well lighted, work space, low vibration and noise. Easy to maneuver due to caster wheel provision. Overall dimension of workspace should be approximately 1200 mmx 600 mm x 600 mm. Class 2A type.

Annexure – 3
Turnkey works for Blood Bank

Sl No	Ref. to the Bidding Document	Existing Tender Specification	Amended as
1	Page 100 Point 13. a	Provision of 2ft x 2ft LED lights to provide illumination of 500 lux in all areas. LED lights to be flush mounted to the false ceiling.	Provision of 2ft x 2ft LED lights to provide illumination of **300-350** lux in all areas. LED lights to be flush mounted to the false ceiling.
2	Page 100 Point 13.b	Toughened glass sealed windows with curtains to be provided to allow natural sun light wherever possible.	Toughened glass sealed windows to be provided to allow natural sun light wherever possible.

2	Page 116	Added Para (In turnkey works Annexure-3)	Turnkey works of Blood Bank have been executed to a large extend. The bidders are required to visit the site and conduct a detailed assessment with regard to any Civil, Electrical & HVAC changes required in Blood Bank area as per tender requirements. The bidder should quote for turnkey works only for the additional/differential works required in the blood bank area to meet the tender requirements. Any makes and models given in the tender are to be used by the bidder while executing turnkey works identified after site visit. However, no additional turnkey work should be quoted for on account of a different make and model already used at the existing Blood Bank site.

Annexure – 4
BOQ FOR SUPPLY AND INSTALLATION OF BLOOD BANK EQUIPMENT

Sl No	Ref. to the Bidding Document	Existing Tender Specification	Amended as
1	Page 116 Sl. No 2	Blood Collection Monitor – Qty 12 Nos	Blood Collection Monitor – Qty **8 Nos**
2	Page 116 Sl. No 3	Blood Donor Couch – Qty 13 Nos	Blood Donor Couch – Qty **14 Nos**

SECTION – VIII

QUALIFICATION CRITERIA

3. Minimum Work of Similar Nature:

Existing:

Eligible bidder(s) should have in the past 5 (five) years prior to closing of bid submission, successfully supplied and executed order(s)** to hospital(s) (with minimum 200 bed), like any Govt. hospitals/institutes of national importance or at any other reputed hospitals/institutes globally as detailed below.

**The order(s) individually or in combination should include the following:

a. Apheresis machine- 3 (three) nos.
b. Chemiluminescence- 1 (one) no.
c. Blood donor couch- 4 (four) nos.
d. Blast freezer- 1 (one) no.

Amended as:

Eligible bidder(s) should have in the past **7 (seven)** years prior to closing of bid submission, successfully supplied and executed order(s)** to hospital(s) (with minimum 200 bed), like any Govt. hospitals/institutes of national importance or at any other reputed hospitals/institutes globally as detailed below.

**The order(s) individually or in combination should include the following:

a. Apheresis machine- 3 (three) nos.
b. Chemiluminescence- 1 (one) no.
c. Blood donor couch- 4 (four) nos.
d. **Blood Bag Refrigerator**- 1 (one) no.

PROFORMA 'A'

Existing:

(For the period of last five years)

Amended as:

(For the period of last **seven** years)

SECTION – XIII

MANUFACTURER'S AUTHORIZATION FORM

Existing 'Manufacturer's Authorization Form' in the Bidding Document is superseded by the new 'Manufacturer's Authorization Form:

The CEO
HLL Infra Tech Services Limited
B-14A Sector-62
Noida, Uttar Pradesh-201307

Dear Sir,

Ref: Your TE document No _____ dated _____

We, _____ who are proven and reputable manufacturers of_____(*name and description of the goods offered in the bid*) having factories at_____, hereby authorise Messrs_____(*name and address of the agent*) to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this bid for the following reason(s): _____*(please provide reason here).*

We also hereby extend our full warranty, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly"

Yours faithfully,

[*Signature with date, name and designation*]
for and on behalf of Messrs_____
[*Name & address of the manufacturers*]

Note:

1. *This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.*
2. *Original letter may be sent.*

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