

16-10-2017

Amendment No. 1**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/16/BBH/17-18 Dated: 25.09.2017**

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

**Section VII
Technical Specification****Schedule No. 01- Apheresis Machine
(Rfx.No - 300002236)**

Sl. No	Para	Existing Specification	Read as
1	21	European CE with 4 digit notified body no. or US-FDA approved.	European CE with 4 digit notified body no. or US-FDA approval and necessary approval from the licensing authority in India for the apheresis kit
2	25	The price for the kits should be quoted for 5 years and it will be freezed and should be quoted separately	The price for 100 kits will be taken for price comparison and the price will be frozen for 5 years.
3		Added para in BOQ	Price for 100 kits

**Schedule No. 02 - Biological Safety Cabinet (Class II)
(Rfx.No - 300002237)**

Sl. No	Para	Existing Specification	Read as
1	1	The basic equipment shall consist of exhaust HEPA filter, 'Supply HEPA filter, HEPA filter for supply air, negative pressure exhaust plenum, front opening sash with either counter weight of motorized movement, suitable blower assembly, necessary lighting, indicators and controls for the cabinet.	The basic equipment (Biological Safety Cabinet Class II A) shall consist of exhaust HEPA filter, 'Supply HEPA filter, HEPA filter for supply air, negative pressure exhaust plenum, front opening sash with either counter weight of motorized movement, suitable blower assembly, necessary lighting, indicators and controls for the cabinet.
2	6	Noise level : 40 microwatt/sq.cm over the entire work surface.	Noise level : <65 db
3		Added Para:	The Equipment should have European CE with 4 digit notified body no. or US-FDA approval

**Schedule No. 03 – Blood Bank Refrigerator
(Rfx no. 300002238)**

Sl. No	Para	Existing Specification	Read as
1	2.1	Laboratory refrigerator should have capacity of 300-350 bags and total internal volume of 600-700ml 2.2	Blood Bank Refrigerator should have capacity to hold 300-350 blood bags of 450ml capacity
2	2.2	Temperature range from 2 deg C to 8 deg C.	Temperature range from 2 deg C to 6 deg C.
3	2.3	Holdover time : full load of blood bags at 4 deg C should take more than 1.5 hrs to rise above 6 deg C if power off	Holdover time : full load of blood bags at 4 deg C should take more than 1.5 hrs to rise above 6 deg C if power off and it should be supported by providing performance curves
4	2.4	Cooling down time: A full load of blood bags at 25 deg C should not take more than 12 hrs for all the bags to reach below 6 deg C	Cooling down time: A full load of blood bags at 25 deg C should not take more than 12 hrs for all the bags to reach below 6 deg C and it should be supported by providing performance curves
5	2.8	Lockable door with tight sealing (Magnetic closing) surround to prevent cold loss. Should have at least 4 drawers	Lockable door with front glass and tight sealing (Magnetic closing) surround to prevent cold loss. Should have at least 4 rollout type drawers with stainless steel make
6	2.11	Control panel with thermometer, main switch and temperature selection.	Deleted
7	2.16	Digital temperature display should be provided. Should provide datalogger and thermograph	Digital temperature display should be provided. Should provide datalogger or circular chart recorder
8	2.19	Should be CE or FDA or BIS approved product	Should be European CE or US FDA approved product
9	2.20	The units shall be capable of being stored continuously in ambient temperature of 0 - 50C and relative humidity of 15-90%.	The units shall be capable of being stored continuously in ambient temperature of 0 - 35 deg C and relative humidity of 15-90%.
10	2.22	Accessories Datalogger - 1 no Circular chart recorder 1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no	Accessories Datalogger - 1 no or Circular chart recorder 1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no

**Schedule No. 04 - Blood Cell counter 3 part
(Rfx no. 300002239)**

Sl. No	Para	Existing Specification	Read as
1	1	Should be a fully automated hematology analyzer providing 20 parameters including HB, RBC, WBC, PCV, MCV, MCH, MCHC, Platelet count, RDW-SD, RDW-CV, lymphocyte, neutrophils, Mixed population, lympho %, neutrophils %, Mixed %, MPV, PDW, P-LCR, PCT	Should be a fully automated hematology analyzer providing 20 parameters including HB, RBC, WBC, PCV, MCV, MCH, MCHC, Platelet count, RDW-SD, RDW-CV, lymphocyte, neutrophils, Mixed population, lympho %, neutrophils %, Mixed %, MPV, PDW, P-LCR (Optional) , PCT
2	3	WBC clog detection should be available Should have monitoring & flagging function	WBC clog detection/warning should be available
3	8	The system should have datastorage of about 35000 with histograms	The system should have datastorage of atleast 1000 with histograms with a facility to transfer the data to an external storage device
4	12	The system should use the proven and approved "volumetric Metering" system of cell counting, for WBC"s, RBC"s & PLT"s for high precision of the results and stability of the calibration.	The system should use the proven and approved " volumetric Metering/equivalent technology " system of cell counting, for WBC"s, RBC"s & PLT"s for high precision of the results and stability of the calibration.
5	17	The system should be open and reagent from other company can also be used	Deleted
6		Added Para:	The Equipment should have European CE with 4 digit notified body no. or US-FDA approval

**Schedule No. 09 - Coagulation Analyzer
(Rfx no. 300002244)**

Sl. No	Para	Existing Specification	Read as
1	3	Tests available: PT, APTT, Fibrinogen, TT, LA, All Factors, ATIII, Heparin, PC, PS, PLG, AP, APCR, DDI, FDP, FM, vWF, etc.	System should have provision to perform following tests: PT, APTT, Fibrinogen, TT, LA, Factor V, Factor VII, Factor VIII, factor IX, Factor XIII , ATIII, Heparin, PC, PS, PLG, AP, APCR, DDI, FDP, FM, vWF
2	26	The price for the reagents should be quoted for 5 years and it will be freezed and should be quoted separately	The price for the reagents used in above mentioned tests should be quoted for 5 years and it will be freezed and should be quoted separately

**Schedule No. 10 - Deep Freezer – 40 deg (Blood Bank)
(Rfx no. 300002245)**

Sl. No	Para	Existing Specification	Read as
1	2	CAPACITY: 600 Litres	CAPACITY: 500-600 Litres
2	10	Holdover time : full load of plasma bags at - 36 deg C should take at least 1 hrs to rise above -20 deg C if power off	Holdover time : full load of plasma bags at - 36 deg C should take at least 1 hrs to rise above -20 deg C if power off and it should be supported by providing performance curves
3	11	Cooling down time: A full load of plasma bags at 25 deg C should not take more than 5 hrs for all the bags to reach below -5 deg C	Cooling down time: A full load of plasma bags at 25 deg C should not take more than 5 hrs for all the bags to reach below -5 deg C and it should be supported by providing performance curves
4	13	Freezer should be quoted with CO2 Backup along with CO2 cylinder.	Deleted
5	16	Freezer must have interface data logging port and it must also have on board diagnostic software.	Freezer must have interface data logging port or circular thermograph and it must also have on board diagnostic software.
6	24	Accessories Datalogger - 1 no Circular chart recorder 1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no	Accessories Datalogger - 1 no OR Circular Thermograph 1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no

**Schedule No. 11 - Deep Freezer-80 deg(Blood Bank)
(Rfx no. 300002246)**

Sl. No	Para	Existing Specification	Read as
1	10	Holdover time : full load of plasma bags at - 76 deg C should take at least 1 hrs to rise above -60 deg C if power off	Holdover time : full load of plasma bags at - 76 deg C should take at least 1 hrs to rise above -60 deg C if power off and it should be supported by providing performance curves
2	11	Cooling down time: A full load of plasma bags at 25 deg C should not take more than 5 hrs for all the bags to reach below - 70deg C	Cooling down time: A full load of plasma bags at 25 deg C should not take more than 5 hrs for all the bags to reach below - 70deg C and it should be supported by providing performance curves
3	13	Freezer should be quoted with CO2 Backup along with CO2 cylinder.	Deleted
4	16	Freezer must have interface data logging port and it must also have on board diagnostic software.	Freezer must have interface data logging port or circular thermograph and it must also have on board diagnostic software.

Sl. No	Para	Existing Specification	Read as
5	24	Accessories Datalogger - 1 no Circular chart recorder 1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no	Accessories Datalogger - 1 no OR Circular Thermograph1000 nos Suitable voltage regulator/stabilizer meeting ISI specification - 1 no

Schedule No. 12 - Ultrapure Water purification System (Rfx no. 300002247)

Sl. No	Para	Existing Specification	Read as
1	D8	Reservoir of 40- 50 L capacity.	Reservoir of 40- 50 L capacity of HDPE quality
2			Added Para under Para E
3			A flexible dispenser for type I water should be provided.
4			Provision of TOC monitor and display for Type I system.
5			Should be DNase and RNase free

Schedule No. 13 - ELISA Reader & Washer (Rfx no. 300002248)

Sl. No	Para	Existing Specification	Read as
1	A.1	Optical system diffraction grating Band width- 8 nm.	Filters with 10nm bandwidths
2	A.2	Wavelength range 200-1000 nm with increment of 1 nm.	Wavelength range 400-800 nm
3	A.7	Accuracy - +/-0.010@ 1Abs.	Accuracy - +/-0.010
4	C.4	Automated washer: Residual aspiration Volume< 2 ul.	Residual aspiration Volume< 2 ul for U/V shaped wells and <3ul for flat bottom wells
5	C.6.d	Hard Ware specifications: User interface Flat with 5 diaphragm keys.	User interface Flat with 5 diaphragm keys/or touch screen facility
6	C.6.e	Hard Ware specifications: 2-4 x 20-26 characters LCD screen.	2-4 x 20-26 characters LCD screen/Touch screen

Schedule No. 15 - Sterile Connecting Device (Rfx no. 300002250)

Sl. No	Para	Existing Specification	Read as
1	8	The consumable wafers/Dock cost per 100 pieces will be taken into account during price evaluation.	The price for 1000 wafers/Docks will be taken for price comparison and the price will be frozen for 5 years
2	9	Minimum consumables to be provided at the	Minimum consumables (100 wafers/docks)

Sl. No	Para	Existing Specification	Read as
		time of installation free of cost	to be provided at the time of installation free of cost

Schedule No. 16 - Cryo Centrifuge (Rfx no. 300002251)

Sl. No	Para	Existing Specification	Read as
1	II.b	II Design and operation: b. provision of both drain and condensed water collection container	Deleted
2	IV.h	IV Temperature control h. Power requirement: 220/240 volts, 50 Hz. Single phase AC supply.	Power requirement: 200-400V,50Hz, single or Three phase
3	VI.c	VI Additional requirements: c. Complete with comprehensive set of spare parts and accessories including: Double pan balance, Balancing weights and plates, plastic inserts and spacers and hooks for adjusting to different types and sizes of bag/tubing/filter designs, and a suitable capacity voltage stabilizer and a suitable UPS with maintenance free batteries for minimum one-hour back-up should be supplied free of cost with the system.	c. Complete with comprehensive set of spare parts and accessories including: Double pan balance, Balancing weights and plates, plastic inserts and spacers and hooks for adjusting to different types and sizes of bag/tubing/filter designs, and a suitable capacity voltage stabilizer should be supplied free of cost with the system.

Schedule No. 17 - Flow Cytometer (Rfx no. 300002252)

Sl. No	Para	Existing Specification	Read as
1	5	The acquisition speed and analysis rate of the analyser should be more than 10,000 events/sec, regardless of the number of lasers or fluorescence parameters being used.	The acquisition speed and analysis rate of the analyser should be atleast 10,000 events/sec , regardless of the number of lasers or fluorescence parameters being used

Schedule No. 18 - Binocular Microscope (Rfx no. 300002253)

Sl. No	Para	Existing Specification	Read as
1	2	Focus Stroke Vertical stage movement 1micron or less per Fine stroke.	Stroke Vertical stage movement 100micron or less per Fine stroke.
2	6	Observation tube:	Wide field Trinocular Eyepiece Tube with

Sl. No	Para	Existing Specification	Read as
		Wide field Trinocular Eyepiece Tube.	FOV 25mm or more
3	8	Condenser: Swing out condenser N.A. 0.9- 0.16. Accessories for Polarized microscopy upgradation should be possible.	Swing out condenser N.A. 0.9- 0.22 . Accessories for Polarized microscopy upgradation should be possible.
4	8	Condenser: The equipment should be USA- FDA/European- CE approved Model	The equipment should be USA- FDA/European- CE (with 4 digit no. approved by validated Agencies) approved Model.

All other contents of the tender enquiry including terms & conditions remain unaltered.

Note:

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