

Amendment No: 1

Date: 20/06/2013

Ref: Tender No. HLL/PCD/PMSSY/AIIMS/06/13-14 dated 07.06.2013

The pre-bid for above referred tender was held on 17-06-2013 at HLL Office, B-14A, Sector-62, Noida. During the meeting most of the clarifications/queries from the bidders have been clarified. However, based on the submitted queries/ change request with respect to specifications floated in the tender, following amendments have been incorporated in the existing tender enquiry document for better participation.

SECTION - I
NOTICE INVITING TENDERS (NIT)

FOR:

Sl. No	Name of the Item	Department	Total Qty for 6 AIIMS	EMD (Rs.)
14	Simple Bench Top Flowcytometer	Biochemistry	6	600,000
16	Random Access Small Throughput Fully Automated Clinical Chemistry Analyzer	Biochemistry	12	720,000
27	Fully Automated Clinical Chemistry Analyser – Low Throughput	Community Medicine	6	240,000
52	Incubator	Anatomy	12	24,000
53	Incubator	Biochemistry	24	48,000
54	Deep Freezer (-20 deg)	Anatomy	12	12,000
55	Vertical Deep Freezer (-20 deg)	Biochemistry	24	24,000

READ AS:

Sl. No	Name of the Item	Department	Total Qty for 6 AIIMS	EMD (Rs.)
14	Flow Cytometer	Biochemistry	6	600,000
16	Random Access Small Throughput Fully Automated Clinical Chemistry Analyzer	Biochemistry & Community Medicine	18	10,80,000
27	Item deleted	Deleted	Deleted	Deleted
52	Item deleted	Deleted	Deleted	Deleted
53	Incubator	Biochemistry & Anatomy	36	72,000
54	Deep Freezer (-20 deg)	Anatomy & Biochemistry	36	36,000
55	Item deleted	Deleted	Deleted	Deleted

SECTION - VI
LIST OF REQUIREMENTS

FOR:

Sl. No	Name of the Item	Department	Qty/ AIIMS	Total Qty for 6 AIIMS	Warranty Required	CMC Required	Items identified as consumable in nature [Ref: Section-IX - 2 (a)]
14	Simple Bench Top Flowcytometer	Biochemistry	1	6	Yes	Yes	
16	Random Access Small Throughput Fully Automated Clinical Chemistry Analyzer	Biochemistry	2	12	Yes	Yes	
27	Fully Automated Clinical Chemistry Analyser – Low Throughput	Community Medicine	1	6	Yes	Yes	
52	Incubator	Anatomy	2	12	Yes	Yes	
53	Incubator	Biochemistry	4	24	Yes	Yes	
54	Deep Freezer (-20 deg)	Anatomy	2	12	Yes	Yes	
55	Vertical Deep Freezer (-20 deg)	Biochemistry	4	24	Yes	Yes	

READ AS:

Sl. No	Name of the Item	Department	Qty/ AIIMS	Total Qty for 6 AIIMS	Warranty Required	CMC Required	Items identified as consumable in nature [Ref: Section-IX - 2 (a)]
14	Flow Cytometer	Biochemistry	1	6	Yes	Yes	
16	Random Access Small Throughput Fully Automated Clinical Chemistry Analyzer	Biochemistry & Community Medicine	2+1	18	Yes	Yes	
27	Item is deleted						
52	Item is deleted						
53	Incubator	Biochemistry & Anatomy	4+2	36	Yes	Yes	
54	Deep Freezer (-20 deg)	Anatomy & Biochemistry	2+4	36	Yes	Yes	
55	Item is deleted						

Technical Amendments

Item No. 7

INVERTED MICROSCOPE

Existing Para 1 –

Stand – Inverted Microscope for transmitted light in stage with 3 position stage support (changeable by 180° turn). Infinity optics with tube factor 1x. Port for exchangeable and rotate observation and phototubes with 20mm field of view. Transmitted light illumination 100W halogen / Light emitting diode (LED) Automatic adjustment of illumination to the contrast method. Auto off function: LED with service of 50,000 hours.

Read As Para 1–

Stand – Inverted Microscope for transmitted light. Infinity corrected optics. Transmitted light illumination 100W halogen / Light emitting diode (LED) Automatic adjustment of illumination to the contrast method. LED with service of 50,000 hours.

Existing Para 3 -

Object Guide- Object guide can be easily adapted to the left or right of any of the fixed work stages (also heating stages).

Read As Para 3 –

Deleted

Existing Para 5 –

Observation tube – Trinocular Phototube with 45° viewing angle, and vertical camera port with selectable light path [100% photo or 100% visual]. The port is positioned 88mm to the left side and allows an unobstructed view of specimen at all times.

Read As Para 5 –

Observation tube – Trinocular Phototube with 45° viewing angle, and camera port with selectable light path [100% photo or 100% visual].

Existing Para 6 –

EYEPIECE HC PLAN 10X / 20 BR. / M

Read As para 6 –

EYEPIECE PLAN 10X / 22mm

Existing Para 7 –

Condenser with long free working distance of 40 mm and a numerical aperture of 0.45 Esp. for high magnification or thick specimen. For BF, PH and integrated Modulation contrast.

Read As para 7 –

Condenser with long free working distance and a numerical aperture of 0.3 - 0.4 for high magnification or thick specimen. For BF, PH contrast and advance Modulation contrast.

Existing Para -

15. Digital Camera Kit
16. High speed colour digital camera for on screen microscope image display.
18. Various image size from small to very large 7 M Pixel or Larger.
19. Colour depth 30 BIT
20. Live preview with 25 images per second

Read As Para -

15. Scientific grade digital camera with 2/3" CCD chip.
16. High speed scientific CCD color digital camera for on screen microscope image display.
18. Should be for at least 12 Megapixel.
19. 12 BIT Resolution.
20. Frame per second min fps and max 30 fps.

Added Para –

Microscope, camera and software should be from the same Make for better compatibility .

Item No. 8

Electric Hand drill machine with set of drill bits

Existing Specs Para 1 –

The table top drill mounted on stand should have spring loaded lever of high quality.

Read as Para 1 –

The table top drill mounted on stand.

Existing Specs Para 4 -

It should be compact with overall length (320mm Approx.) and weight (Approx. 2 Kg)

Read As Para 4 –

Deleted.

Existing Specs Para 5 -

Aluminum die-casting inner cover and gear cover should be used for increased durability.

Read As Para 5 –

Deleted.

Existing Specs Para 8 -

Should have 2-speed transmission.

Read As Para 8 –

Variable speed option must be there.

Existing Para 9 –

Shortest chuck offset (23.5mm (15/16")).

Read As Para 9 –

Jacob Chuck of 1/3"

Existing Para 12 –

To be provided with high speed tungsten carbide bits of 1/2", 3/8", 1/4", 3/16", 1/8" or equivalent mm size.

Read As Para 12 –

Should be supplied with high quality drill bits of different size.

Item No. 12

RANDOM ACCESS MEDIUM THROUGHPUT FULLY AUTOMATED CLINICAL CHEMISTRY ANALYSER (FLOOR MODEL)

Existing specs Para 2 -

THROUGH PUT: About 800 Photometric tests/Hour and about 1200 Tests /Hour with ISE.

Read As Para 2 -

THROUGH PUT: About **600** Photometric tests/Hour and about **900** Tests /Hour with ISE.

Existing Para 13 -

REAGENT DISK: Refrigerated reagent disk with 40 reagent positions in case of single reagents for disposable cuvettes or Two Refrigerated reagent disks with 50 positions for R1 and 40 positions for R2 in case of semi disposable or permanent cuvettes.

Read As Para 13 -

REAGENT DISK: Refrigerated reagent disk with 40 reagent positions in case of single reagents for disposable cuvettes or Two Refrigerated reagent disks with **at least 40** positions for R1 and 40 positions for R2 in case of semi disposable or permanent cuvettes.

Added Para –

Suitable On-line UPS with one hour backup.

Item No. 14

Simple Bench Top Flow Cytometer

Read As: Flow Cytometer

Existing Specs Para 2 –

System should be equipped with solid state blue & Red lasers, two scatter detectors & four fluorescence detectors optimized for detection of fluorochromes FITC (495/520)/ GFP (488/509), PE (496/578)/ PI (536/617), PreCP-Cy 5.5 (482/695), PE- Cy7(496/667) and APC (650/660)

Read As Para 2 –

System should be equipped with solid state blue, Red & Violet lasers with at least 7 colours.

Existing Specs Para 9 –

Touch screen computer with at least 23” monitor with color printer to run and analyze the data (4core processor, 1TB HDD, 16 GB RAM).

Read As Para 9 -

Touch/**LCD** screen computer with at least **21”** monitor with color printer to run and analyze the data (4core processor, 1TB HDD, 16 GB RAM **or Higher**).

Item No. 16

RANDOM ACCESS SMALL THROUGHPUT FULLY AUTOMATED CLINICAL CHEMISTRY ANALYSER

Existing Specs Para 12 -

SAMPLE PROBE: Probe liquid level sensor .Sample clot detection and crash prevention facility should be available.

Read As Para 12 -

SAMPLE PROBE: Probe liquid level sensor. Sample/**Reagent Bubble &** clot detection. Crash prevention facility should be available.

Existing Specs Para 17 -

CUVETTES: Must have permanent hard glass. It should have the facility to change individual cuvettes.

Read As Para 17 –

CUVETTES: **may be reusable, permanent or Disposable, specify recurring cost, if any.**

Added Para –

Suitable On-line UPS with one hour backup.

Item No. 20 - Continuous Dichotomous Ambient Particulate Monitor

Item No. 21 - Continuous Emissions Monitoring System,

Item No. 22 - SO3 Analyzer

Item No. 23 - CO Analyzer

Item No. 24 - Enhanced Trace Level SO2 Analyzer and

Item No. 25 - Dosimeter

Added Para for above items at sl. no. 20 to 25 –

Suitable On-line UPS with one hour backup. Suitable Rack, Gas sampling Hood, Sample conditioned system, Calibration Gas cylinder, Multi Gas calibrator, Zero Air Generator and other accessories required for the system functioning should also to be supplied with the system. The supplied system should be portable.

Item No. 26

DISSECTING MICROSCOPE (Table top model)

Existing Specs Para 4 –

Objective 250mm f & 400 mm f

Read As Para 4 –

Objective 250mm f & **350 mm f**

Added Para –

Objective should be Lead free.

Existing Specs Para –

Should be CE certified or FDA or BIS approved product.

Read As Para –

Should be **European** CE or **USFDA** certified approved product.

Item No. 27

FULLY AUTOMATED CLINICAL CHEMISTRY - LOW THROUGHPUT

Item is deleted

Item No: 29

Otorhinolaryngoscope

Existing Specs para 1 –

Should be wide angle straight forward telescope 0°

Read As para 1 –

Flexible scope.

Existing Specs para 5 –

Color Code: Green

Read As para 5 –

Deleted

Added Para –

System should be portable, inbuilt light source and small screen to view the image.

Item No: 35

SUCTION MACHINE

Added Para –

Machine should be mounted on stand.

Item No: 38

Fetoscope /Fetal Doppler

Existing Para 3 –b-

The quoted model should be FDA/CE approved and copy of the same should be submitted along with the technical bid.

Read As Para 3 –b-

The quoted model should be **USFDA/European CE approved product** and copy of the same should be submitted along with the technical bid.

Item No: 41

Stimulator, Isolator & Recorder system

Existing Para –

The system should have the four component ie, stimulator, isolation unit for stimulation, average and an oscilloscope.

Read Para –

The system should have the four components, i.e. stimulator, isolation unit for stimulation, averager and a **Digital Recorder with in-built oscilloscope with suitable in-built memory and print out facility.**

Item No: 46

SURGICAL INSTRUMENTS FOR OPERATIVE PROCEDURES

Added Para –

All instruments should be 304 SS medical grade.

Item No. 49

DEEP FREEZER (-80 deg)

Existing Specs -

INTERNAL DIMENSION: 55” x 35” x 25” Approx

EXTERNAL DIMENSION: 78” x 42” x 35” Approx

CAPACITY: 650 – 750 Litres

OPERATING TEMPERTURE: Programmable –50°C up to –86°C with 1°C increment.

ELECTRIC SUPPLY: 220V/50Hz, 10 Amps. single phase

Read As –

CAPACITY: 650 Litres **or more**
ELECTRIC SUPPLY: 220V/50Hz, single phase

Existing Specs Para –

1) Fully programmable microprocessor controlled with membrane keypad and eye level control panel.

Read As Para –

1) Fully programmable microprocessor controlled with membrane keypad **or equivalent** and eye level control panel.

Existing Specs Para –

14) External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and IEC 61010 Electrical safety. The unit should be CE & UL certified.

16) Should be CE or FDA or BIS approved product

Read As Para –

14) External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and IEC 61010 Electrical safety.

16) Should be **European** CE or **USFDA** approved product

Item No: 50

VERTICAL DEEP FREEZER (-80° C)

Existing Specs Para 2 –

Internal Capacity more than 350 litres (less than 400 litres).

Read as Para 2 –

Internal Capacity more than 350 litres **or more**

Existing Specs Para 12 –

Should be FDA or CE or BIS approved product

Read as Para 12 –

Should be **USFDA** or **European** CE approved product

Item No. 52

INCUBATOR

Item is deleted

Item No. 54

Deep Freezer (-20 deg C)

Existing Para 3.1 –

Capacity: 300L to 400 L

Read As Para 3.1 –

Capacity: **350L or more**

Existing Para 7.1 –

Should be CE or FDA or BIS approved product

Read as Para 7.1 –

Should be **European CE or USFDA** approved product

Item No: 55

VERTICAL DEEP FREEZER (-20° C)

Item is deleted

Item No: 56

LAB REFRIGERATORS

Existing Para –

20. CE / ISI mark or other equivalent quality certification.

Read as Para –

20. Should be **European CE or USFDA** approved product.

Item No: 57

ELECTROLYTE ANALYZER

Existing Para 2-

The Analyser should be able to measure Na, K, Cl and Expandable to Ca and Li

Read as Para 2 –

The Analyser should be able to measure Na, K, Cl and **should have capability to measure Ca and Li. Electrodes for Ca and Li should be offered separately for which price to be taken for price comparison purposes.**

Item No: 58

ULTRA CENTRIFUGE

Existing Para 13 –

Machine should accept rotors of other makes.

Read As Para 13 –

Deleted

Existing Para 14 –

Fixed Angle Rotors of titanium/carbon with 8 places of 6.5 ml (100,000 rpm, 802,000xg) & of carbon Fibre/titanium with 6 places of 13.5 ml (65,000 rpm, 324,000xg) & of carbon Fibre/ titanium with 24 places of 1.5 ml (50,000 rpm, 280,000xg)

Read As Para 14 –

Fixed Angle Rotors of titanium/carbon with 8 places of **6** - 6.5 ml (100,000 rpm, 802,000xg) & of carbon Fibre/titanium with 6 places of 13.5 ml (65,000 rpm, 324,000xg) & of carbon Fibre/ titanium with 24 places of 1.5 ml (50,000 rpm, 280,000xg)

Existing Para 15 –

Vertical rotor of Titanium with 8 places of 6 ml (70,000rpm, 467,000xg)

Read As Para 15 –

Vertical rotor of Titanium with 8 places of **5 - 6** ml (70,000rpm, 467,000xg)

Existing Para 16 –

Top-loading Swing bucket rotor Titanium make with 6 places of 36 ml (30,000 rpm, 167,000xg).

Read As Para 16 –

Top-loading Swing bucket rotor Titanium make with 6 places of 36-**40** ml (28,000 rpm).

Item No: 59

LYOPHILIZER

Added Para –

- 1. Temp range -55 to -85 deg. C**
- 2. Ice removal capacity of approx 8 kg.**
- 3. Must accept the Flask & Tube of different size and to be supplied along with system.**

Existing Para 11 –

Should be CE or BIS approved product.

Read As Para 11 –

Should be **European** CE or **USFDA** approved product.

All other contents of the Tender Enquiry Document including the terms and conditions remain unchanged.