AMENDMENT – VII **Dated: - 21.09.2016**

Subject: Amendment to the tender Enquiry Document.
Ref: Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015-06/06 Dated 26.07.16
Bidders are requested to note the following technical amendment:

Bid sale, submission and opening date for the item no. 2,3,6,9,10,11,12,13,14,15,16,17 has been extended as per details given in Table -1:

Table -1

Sl. No.	Description	Revised Schedule
i.	Sale date of the tender	28.09.2016, 3.00 P.M.
ii.	Closing date & time for receipt of tender	28.09.2016, 3.30 P.M.
iii.	Time and date of Opening of Techno – Commercial Tenders	28.09.2016, 4.00 P.M.

Item No. 6: Laprocator

Description	Amendment as
Laparoscope with operating channel. Dia 11 mm. Parallel eyepiece. Should be CE marked - 1 no.	Laparoscope with operating channel. 11mm 0 deg Laparoscope with operating channel. 6mm/6.1mm. Parallel eyepiece. Should be CE marked - 1 no.
Trocar 12 mm with obturator – 1 no.	11mm/12mm
Fiber optic light cable – 6 mm fiber bundle size, 300 mm long for high light output.	Fiber optic light cable – 4.5 mm or more fiber bundle size, 230 mm long for high light output.
Light source, Halogen 250 watt, twin bulb, constant color temperature.	Should be 300w xenon light source with bulb life of 500 hrs.
Condenser lenses to focus light on fiber optic cable.	Deleted
CO2 insufflator flow rate – 30 LPM.	CO2 insufflator flow rate – 20 LPM, necessary accessories should be supplied with the machine.
	Add: one formaline chamber, one sterilization tray, one UPS with 1KVA capacity & 30min back and one video trolley for mounting light source & insufflators with cylinder.

Item No. 9 Electronic CO2 Insufflator/Insufflator basic Unit

Description	Amendment as
	Add one cylinder of 5KG with PIN Index connection. It should be USFDA / European CE approved except cylinder.

Item no. 11 Pulmonary Function test

S. No.	Description	Amendment as
2	The parameters should be actually measured and not derived ones.	The parameters should be actually measured/derived ones.
3	Diffusion Capacity should be measured by using the single Breath technique. It should also be possible to measure Diffusion Capacity (DLCO) by the Re-breathing technique.	Diffusion Capacity should be measured by using the single Breath technique.
4	Lung Volume & capacities including TLC, RV & FRC by Multi-breath Helium Dilution Method.	Deleted
5	The diffusion system should measure the following :	
	b) Lung sub volumes-Functional residual Capacity (FRC). Residual Volume (RV). Total Lung Capacity (TLC) by FRC-Helium multiple breath technique.	b) Lung sub volumes-Functional residual Capacity (FRC). Residual Volume (RV).
	d) Diffusion capacity of the lung by the multiple breath technique.	Deleted
6	The system should measure the following parameters	
	c) Diffusion capacity of the Lungs.	
	DLCO-SB, DLCO-RB	DLCO-SB
8	Spirometry should have an easy to exchange, bidirectional heated pneumotachograph hardware meeting or exceeding American Thoracic Society standards.	Spirometry should have an easy to exchange, bidirectional heated pneumotachograph hardware/ equivalent technique meeting or exceeding American Thoracic Society standards.
11	The system should have carbon monozide analyzer, He analyzer and 02 Analyzer with the following specifications:	The system should have carbon monozide analyzer, He analyzer or Methane Analyzer with the following specifications:

S. No.	Description	Amendment as
	b) He Analyzer Range –Should be 0 to 20% Resolution/Accuracy should be 0.005%/0.05% Reproducibility should be 0.2% 95% response time of <15 s to a 2# sten change in belium concentration.	b) He Analyzer Range –Should be 0 to 20% Resolution/Accuracy should be 0.005%/0.05% Reproducibility should be 0.2% 95% response time of <15 s to a 2# sten change in helium concentration. OR Methane analyzer Range- should be from 0 to 0.35% Accuracy should be + 0.1% Reproducibility should be 0.0006%
	c) 02 analyzer Range – Should be 0 to 100% Resolution/Accuracy should be 0.05%/1.0%	Delete
19	Additional Accessories – Pulmonary Filters (50 Nos); Pneumotach Screens (5 Nos); 3 sets of breathing Tubes for spirometry and lung volume measurements. Reusable mouth pieces (100), nose clips (10), 5 spau sets of gas bags, absorber columns and caps, adaptors for mouth pieces.	Additional Accessories – Pulmonary Filters (50 Nos); Pneumotach Screens (5 Nos); 3 sets of breathing Tubes for spirometry and lung volume measurements. Reusable mouth pieces (100), nose clips (10), absorber columns and caps, adaptors for mouth pieces.
22	**The system should be upgradable to Computerized Body Plethysmography System with facilities to measure the following Parameters**	**The system should be upgradable to Computerized Body Plethysmography System with facilities to measure the following Parameters**
	a) Airway Resistance b) Static Lung Volumes: VC, ITGV, RV, ERV, IC, IRV, TLC, IVC< VCmax, RV/TLC, FRC c) Dynamic Lung Volumes: FVC, FEVI, FEVI/FVC%, FEVI/VC% d) Maximal Flows: PEF, FEF75, FEF50, FEF25, FEF25-75%	a) Airway Resistance b) Static Lung Volumes: VC, ITGV, RV, ERV, IC, IRV, TLC, IVC< VCmax, RV/TLC, FRC c) Dynamic Lung Volumes: FVC, FEVI, FEVI/FVC%, FEVI/VC% d) Maximal Flows: PEF, FEF75, FEF50, FEF25, FEF25-75% e) MIP/MEP

S. No.	Description	Amendment as
		Add: The PFT system should USFDA/ European CE approved

Item No. 12 Fiber Optic Bronchoscope

S. No.	Description	Amended as
4	Should have Narrow Band/ I-SCAN/ FICE Imaging facility.	Deleted
5	Outer diameter should be 5.8 – 6.3 mm.	Outer diameter should be 5.8 – 6.4 mm.
7	Insertion tube length should be 600 mm or more.	Insertion tube length should be 540 mm or more.
8	Field of view should be 120 degree or more.	Field of view should be 110 degree or more.
10	Angulation – UP-180 degree, Down-130 degree or better.	Angulation – UP-180 degree, Down-100 degree or better.
13	Should have scope ID function.	Delete
E)	Essential Accessories	Essential Accessories
A)	FORCEPS	FORCEPS
ii)	Biopsy Forceps – plain - 5, toothed – 3	Biopsy Forceps – plain - 5, toothed – 3
	Reusable standard type fenestrated cup biopsy forceps 1.8 mm – 2.0 mm diameter – 20 Nos.	Reusable standard type fenestrated cup biopsy forceps 1.8 mm – 2.0 mm diameter – **10 Nos.**
I)	Terms & Conditions:	
1	Prices for the consumable accessories should be quoted for the next 7 years.	Prices for the consumable accessories should be quoted and will be fixed the next 3 years.

There is no change in the specification of the item no. 14 Pure tone Audiometer and item 15 Impedance Audiometer

Item no. 16 Electro Surgical Unit

S. No.	Description	Amended as
8	Should have facility by which user can save their mode/ setting for 75 plus different names/ individual settings.	Should have facility to restore last user setting with one touch or individual settings.
10	Unit should have International Safety Standard and should be USFDA standards certified product.	Unit should have International Safety Standard and should be USFDA/ European CE standards certified product.

All other terms and conditions of the tender enquiry document shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/ CPPP website for corrigendum /amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the news papers in this regard.

CGM, HSCC India Limited
For and on behalf of DGMER, Panchkula