HSCC (India) Ltd

Amendment- XXIX Dated 8.09.2017

Subject: **Amendment to the tender Enquiry Document**

Ref : IFB No. HSCC/KCGMC/Medical Equipment/2015-06/12 dated 03.02.2017

Bid sale, Submission and opening date for Item no. 4 has been extended as per details given in Table-1

Table-1

Sl No.	Description	Revised Schedule
1	Sale date of Tender	15.09.2017,3.00PM
2	Closing date & time for receipt of Tender	15.09.2017,3.30PM
3	Time and date of Opening of Tender	15.09.2017,4.00PM

Bidder are requested to note the following revised specification of Item no. 4 of the aforesaid tender

1.a. **Diagnostic Cystoscope**

i. TELESCOPES : Forward viewing 4mm HD telescope 0,30,70 degrees, enlarged view, autoclavable , fibre optic transmission incorporated – two each.

ii. **CYSTOSCOPE- URETHROSCOPE**

16 & 19 Fr with leverage of 1mm for sheath and obturators.

20/21 FrCystosheath two

25 Frcystosheath for cystolithotripsy Two

20/21 FrCystostandardobturator Two

25 FrCystostandardobturator Two

20/21 FrCysto visualobturator Two

Double horn or two way bridge Two

Rigid optical biopsy forceps,30 degree Two

Rigid optical stone crushing forceps,30 degree Two

Bladder syringe adaptor, Cystosheath Two

Flexible grasping forceps 5 to 7 Fr Two

Flexible biopsy cup 5 to 7 Fr Two

Flexible scissor 5 to 9Fr Two

ii. telescopes and instruments for cystoscopy should be of same manufacturer for system compatibility, all items except trolley should be USFDA or European CE certified.

1.b. **Telescope and instruments for cystoscope – Paediatrics (Paediatrics Surgery)**

Compact integrated paediatriccystoscope 0-12 deg, Size 8/9 Fr, working channel 5 Fr., working length 150mm or more , fiber optic transmission incorporated
Coagulation Button electrode, size 3Fr.,working length 250mm or more.
Monopolar high frequency cord
Grasping forceps, size 3/4/5 Fr.
Biopsy forceps, size 3/4/5 Fr".
Micro scissor, size 3/4/5 Fr".
Telescope and Instruments for Cystoscopy should be of same manufacturer for system compatibility

iii. telescopes and instruments for cystoscopy should be of same manufacturer for system compatibility for system compatibility.

1.c. **Instruments for Resectoscope set**

i. Telescopes have already been mentioned in the cystoscope requirement at 1.a.i. The same can be used for resectoscope set.

ii. Instruments, qty 01 of each type
24 Fr Standard Flow Resectoscope sheath (Inner).

24/26 Fr Continuous Flow sheath set(Inner/Outer). Two + Two
24/26 FrResectoscope Standard Obturator. Two + Two
24/26 FrResectoscope Visual Obturator. Two + Two
Working Element-Passive (Iglesias) Two + Two
Deleted
Bladder Syringe Adapter, Inner sheath.
Bladder syringe adapter, Outer sheath.
Sterilizable bottle evacuator (bard type or equivalent) - qty 02.
Laser bridge (for use with straight fire laser).
Stone Crushing Forcep Adapter, Outer Sheath.
27 Fr Standard Flow Resectoscope Sheath Adapter.
4Fr 30 degree Cutting Loop Electrode, .012 (minimum 10 Nos. each).
24 Fr, 45/90 degrees CuttingLoop Electrode, .012 (minimum 10 Nos. each).

ii. Sterilizable bottle evacuator required.

2. Appropriate plastic tray/ cage for sterilization

i. All items should be ideally/ mandatory (except plastic tray/cage) should be of same manufacturer for better adaptability and maintenance, should be USFDA or European CE (EN type) approved. If the products are from different manufacturer, all items should be adaptable/interphaseable otherwise will not be accepted in final acceptance.

INSTRUMENTS MISSING To BE ADDED – Additional Requirements

1. Full HD Digital Camera

a) It should be compatible with aspect ratio 16:9.
b) Pure digital signal with high definition video of 1920x1080p native resolution and progressive scan technology both on camera head and console. Should have controls on both on camera head and console.
c) The system should have digital and integrated optical zoom to enhance quality of image and cross speciality standardization of camera system, regardless of telescope used.

d) Zoom, white balance and two peripheral controls on the camera head.
e) Integrated gain/shutter/enhancement with automatic brightness control.
f) Video outputs : two DVI, one SVHS and one optional direct fibre optic output.
g) The system should automatically optimize all settings.
h) Image system : 1/3" progressive scan CCD
i) Camera head weight may be amended as 150-300 gms.
j) Signal to noise ratio 65-75 db.

2. HD LED Flat panel monitor with stand
    a) Contrast ratio should be 1400:1 or higher.
    b) Reaction time should be 5-12 ms.
    c) Rated power 115 watts.
    d) Power supply as per Indian standards.
    e) Screen dimensions : monitor should be 26" flat panel full HD.
    f) Video input and output : should include DVI, Fibre optic, RGBHV , S – video, Composite video.
    g) Certified to EN60601-1 with protection glass IPX 2.

3. LED Light source 300-400 watts
    a) Light outlets -1
    b) Light intensity adjustments- continuously adjustable from 0 to 100% manually.
    c) Should have standby mode which will reduce the light output to minimum, preventing light cable from generating excessive heat.
    d) Should have electronic scope sensing technology.
    e) Intuitive simple user interface with LCD touch screen.
    f) Should have universal jaw assembly to adapt any make of fibre optic cable.
    g) Since it is a LED light source, the bulb life may be read as 25000-30000 hours.
    h) Should be USFDA or European CE approved.

4. Fibre optic light cable
    - Size diameter >4.5 mm or more length 160 cm or more.

5. 24Fr coagulation ball electrodes minimum 10.

6. **Uretero-Renoscope(one set), , 7 Fr** 6°, one-step, conical, length 43 cm, autoclavable, with angled eyepiece, fiber optic light transmission incorporated, 2 lateral irrigation ports and 1 working channel 5 Fr. for instruments upto 4 Fr., sealing and tray for cleaning, sterilization and storage. – 1 no. Distal tip

diameter of 7Fr. Detachable instrument port with sealing system and quick release lock, one instrument channel.Distal end of sheath atraumatically shaped with rounded tip. Detachable Instrument Port with sealing system and quick release lock, 2 channels, for use with uretero-renoscopes. Grasping Forceps for stone fragments, double action jaws, 4 Fr., rigid, length 60 cm. - 2 Nos. Path finder should also be provided (2 number)

7. **Uretero-Renoscope(one set), , 8 Fr ,** 6°, one-step, conical, length 43 cm, autoclavable, with angled eyepiece, fiber optic light transmission incorporated, 2 lateral irrigation ports and 1 working channel 6 Fr. for instruments upto 5 Fr., sealing and tray for cleaning, sterilization and storage. – 1no.Distal tip diameter of 8Fr. Detachable instrument port with sealing system and quick release lock, one instrument channel. Distal end of sheath atraumatically shaped with rounded tip. Detachable Instrument Port with sealing system and quick release lock, 2 channels, for use with uretero-renoscopes. Grasping Forceps for stone fragments, double action jaws, 5 Fr., rigid, length 60 cm. - 2 Nos. Path finder should also be provided (2 number).

8. **Laser system for endoscopic treatment of stones in Bladder, Ureter and kidney** It should consist of the following:
   Laser system:
   - Desktop Model for use on endoscopic video carts.
   - Maximum power upto 20watt.
   - Should be equipped with a “Fiber recognition technology”.
   - Selection of 5 energy settings between 0.5 J/0.8 J/1.2 J/1.7 J/2j
   - Selection of 5 pulse frequencies between 4 Hz/6 Hz/8 Hz/10/15
   - For use with rigid, semi rigid and flexible endoscopes.
   - It should have a feature of automatic fiber detection and hence out put of the compatible energy to the laser fiber.
   - It should have a automatic fiber detection capability so as to avoid a misalignment and hence provide safety to machine and laser fiber both.
   - Weight not more than 35Kg
   - Certified to IEC 601-1,CE label acc.MDD
   - Should be compatible to 230µm, 365 µm and 600 µm.
   - Manufacturer should be able to provide disposable as well reusable fiber.
   - Aiming beam should be green in colour.
   - Aiming beam or pilot light intensity should be adjustable.
   - Based on regular power supply of 230VAC, 50/60Hz.
   - It should have an integrated cooling system.

- The system should be supplied with compatible laser fiber of 230µm,365µm,600µm size

There should be provision for prior demonstration at KCGMC Karnal.

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 notified on these portals only. No separate advertisement will published in the news paper in this regard.

S/d
CGM, HSCC (India) Ltd,
For and on behalf of DGMER, Panchkula