

Amendment - 3

To,

Subject: Procurement of Medical Equipments for IGICH, Kabul, Afghanistan

Reference: IFB No. HSCC/PUR/MEA/IGICH/- Kabul/2007 dated 09.04.2007

Dear Sirs,

Following amendment to the bidding documents may please be noted:

(i) Line item V : 100 mA Mobile X-Ray Unit

Read “Mobile X-ray unit using high frequency two pulse/ multipulse technology with at least 20 KW power output with maximum current of more than 400 milliamperes” as “Mobile X-ray unit using high frequency two pulse/ multipulse technology which should be able to give an output of 180 mA – 200 mA” and “Kilowatt power may be specified”.

(ii) Line item VII : 2D Echo/ Doppler

Delete the line “Scan time of 1 sec” to “On main console advanced automated processing software - like volume rendering, MPR, MPVR, filming, archieve etc”.

(iii) Line Item IX : MRI 1.5 Tesla

Point 2.0 Gradient System: Read ‘33 mT/m’ as ‘40 mT/m’ in line 1 and ‘33 mT’ as ‘40 mT’ in line 3.

(iv) Line Item XI : Equipments for Eye Centre

Specifications for equipments for eye center enclosed as Annexure – A.

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(v) Line Item XII : Equipments for ENT Centre

Read “Space for instrument trays” as “Space for instrument trays – with standard set of instruments i.e. Nasel and ear speculum (1 set), sinus & packing forcep, tuning fork set, tongue depressor and I/L and P/R mirror set”.

(v) Section III - SCC 4 (B) is amended as under:-

‘Only manufacturers are eligible to bid except for *Line item III, XI, XII, XVII* and in case of Import origin equipments, whence agent duly authorized by foreign principal can also quote as per “Manufacturer's authorization form” provided.’ And add the line to the paragraph “If necessary, for small quantity Indian origin equipments the manufacturers can authorize dealer or agent to quote”.

The Bidding Document is amended to this extent, all other terms & conditions of the Bidding Document remain unchanged.

Thanking You,

Yours faithfully,

(V.S. Krishnan)
Chief General Manager – Proc

- Ophthalmic examination unit with chair unit , motorised rotating drum in different languages with facility for fixing target, duochrome four dot list.
- Trial Set of glasses with trial frame lense fitted in Aluminium rings and illuminated box complete standard set Trial Frames and Moore Field's
- Ophthalmoscope, Battery large set operated,
- Retinoscope - Priestly Soneller
- Colour Perception Test Book

Slit lamp

Slit lamp for examination and measurement of the eye haag Streit, Nikon Nidek, Topcon, Zeiss or any other reputed make. With 5 step magnification chamber : total magnification 5x to 32x. slit with width contineously variable from 0 to 14mm. Slit length variable contineously from 1 to 60 mm and in steps from 0.3 to 14mm. Slit rotation +_ 90 degree, Tabo angular scale. Adjustable halogen illumination 6V,20W with swing in green & blue filters, frosted glass for diffusing illumination.

Technical data

Slit lamp head rest and basic plate with power supply with power driven table.
Total magnification 5X,8X,12X,20 X& 32 X/40X.

Bio- Microscope

Slit length variable continuously from 1 to 6 mm and in steps from 0.3 to 14 mm.

Slit with continuously variable from 0 to 14 mm

Microscope Carrier with Slit Projector

Slit rotation +_ 90 degree

Standard Connector cable

10 X eye piece, Super high eye point (2 Nos.)

Dust Cover

Basic Plate

Head Rest with chin rest cup

Power supply with SMPS 6V, 35 W

Power Chord

Motorized instrument Table

Fixation Light

Hurby Lens with fridge Guide

Aspherical Ophthalmic Lens 90 D

Gonoscope Set complete

Assessories

Tonometer Bracket
Spare bulbs 6V20W (6 Nos.)
Assistant observation Tube
AC depth measuring attachment
Clonical Thickness measuring attachment
Measuring Eye Piece
Elinser Contact Glasses
Instrument Table

Specifications for Keratometer

Type : One Position Keratometer to measure the curvature of Cornea.
Measuring Range : 36 to 52 D in 0.25 steps, 9.4 to 6.4mm in 0.05mm steps.
Axis of Corneal astigmatism : 0 to 180 degrees in 5 degree steps.
Eye – Piece : Focusable four element high point 15x with cross target.
Target Illumination : Super bright bulb.
Power Source : 220 V.
Finish : honey grey or black..
Weight : 10 kgs approx.

Lensometer

Lensometer computerized Lensmeter with system response system, and IC Card Reader/Writer, foot switch operated. With automatic comensatation of a lens different in Abbe number.

Specifications

MEASURING RANGE : Spherical Power; 0 to $\pm 25D$ (0.01D/0.12D/0.25D steps), Cylinder Power; 0 to $\pm 10D$ (0.01D/0.12D/0.25D steps), Cylinder Axis; 0 to 180 degree (1 Degree step), ADD Power : 0 to $\pm 10D$, Prismatic Power : 0 to 12 (-25 to +15D), 0 to 6 (+15 to +25D); Compensating : Automatic compensation of a lens different in Abbe number, Lens Diameter : 5 to 90mm; Video Monitor : 7 inches; External Interface; RS-232C; Power Supply : AC 100, 120, 220 to 240V, Power Consumption : 60VA.

SPECIFICATIONS For Ultrasound A Scan for Ophthalmology.

Probe Frequency	10 Mhz
Precision	0.06mm
Measurement Parameter	Crystal of anterior chamber, vitreous body's length and total length, the standard deviation and the average can be calculated.
Speed of ultrasound	Calculated by segment and can be set
Image freezing	Automatic and Manual
Points of X-axis	900 points
Measurement modes	Oculus normalis, cataractous eye, aphakie and pseudophakie
Output mode	Built in thermal – printer, results of biometry, IOL –table and A-vectors
Input device	In built keyboard
Memory	20 patient's data can be recorded.
IOL –calculation	SRK –II, SRK –T, Holladay, Haigs etc.
Display monitor	High speed LCD
Power Suuply	AC 220 V, +/- 10%, 9V, +/- 10%
Size & Weight	300 mm x 200mm x 135 mm
Weight	1.5 kg

Ultrasound A scan for Ophthalmology, with color LCD screen and built-in-printer. Should be able to calculate the power of the IOL using 5 different formulae.

SPECIFICATION FOR B – SCAN

Probe	10 Mhz solid probe, inner illuminated
Depth	35 – 60mm
Precision	0.05mm
Eye Mode	Manual or auto mode, according to the inner lens mode, including lens eye, no lens, PMMA Acrylic and silica gel
IOL formula	SRK – II, SRK – T, HOFFER – Q, HOLLADAY, BINKHORDT – II
Stat. Calculation	Average and standard deviation
Transmit Speed	Different speed in different part
Store	10 scanning results for each eye

With Windows XP operating platform, with 10 Mhz each of A and B scan Probes, complete with the operating software and system. A scan mode should have auto and manual freeze function with 6 formulae for IOL power calculation. B scan mode should have mode to record video and still images. Pseudo Color function, angle measurement and distance measurement should be possible. Maximum gain possible should be 105db.

Specification for Surgical Operating Microscope for Eye

5 Step magnification changer integrated in microscope body with magnification factors 0.4, 0.6, 1.0, 1.6, 2.5.

Inclinable binocular tube 180° = 170 mm with P. D. adjustment via knob from 55 mm – 80 mm or more.

120 Degree coupling must for rotation of microscope body about an inclined axes.

12.5 x wide field eye pieces (2x) with +/- power adjustment upto 6.0 D.

Motorized foot control fine focusing range 40mm.

Objectives f = 200, f = 300, f = 400 selectable.

Retina protection device must for Ophthalmology.

Floor Stand with locable casters with Heavy Base.

Spring Balance suspension arm.

Equipment quoted should be upgradable for CCTV and co – observer if required in future.

U. V. filter to prevent Blue light.

Motorized foot control X – Y coupling with automatic re centering facility.

Illumination increase – decrease and on – off facility on foot control panel.

Stand should have cold light fibre optic illumination system 12V / 100W with Automatic bulb change over facility in case of lamp failure.

OPTIONAL:

CCD Video camera attachment.

Binocular assistant co – observation.

TONOMETER

Schiotz standard Tonometer for measurement of intraocular pressure as a measure of the impression depth of a metallic plunger on the cornea with footplate, plunger, holder at pointer scale.

Pressure of the plunger : 5.5g without additional weight.

Auxillary Weight : 7.5g, 10g & 15g.

Stainless Steel / Chrome coated.

Calibration plate.