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F-8(145)RMSC/EPM/M-4/18-19/NIB-405/ 753

dated: 12-02-2019

Clarification/Corrigendum/Addendum

Subject: - Amended Technical Specifications and Revised Bid Schedule of item A-Scan and Phacoemulsification Machine and ND:Yag Laser under No. F-8(145) RMSC/EPM/M-4/18-19/NIB-405/425 date 12-02-2019

In reference to subject cited above and NIB-405, the representations received from the various firms and issues raised by the Bidders, are examined by the competent Authorities and technical committee and approved by purchase committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document Amended Technical Specification of items as below:-

1. Amended Technical Specifications of Items A-Scan and Phacoemulsification Machine and ND:Yag Laser as below:-

1. Technical Specification for A-Scan

1. Contact scan facility-Immersion Mode
2. Probe: at least 10 MHz with fixation light
3. Modes: Normal, cataract, dense cataract, aphakia, pseudophakia.
4. Auto sensing and freezing.
5. Multiple reading detection and standard deviation display
6. Inbuilt IOL formula: SRK-II, SRK -T (regression), Holladay, Hoffer, can measure ACD, Lens Thickness, Vitrous and Axial Length.
7. Accuracy: Clinical – error of 0.1 mm or less ; electronic : error of 0.05 mm or less
8. Programmable user profiles
9. Standard power supply (220-240 volts 50-60 HZ)
10. Compatible CVT
11. Standard accessories (Extra paper rolls (6), calibration block)
12. The machine should have safety certificate CE with notified Body/ FDA (US). Copy of the certificate shall be produced along with the technical bid.
13. Guarantee shall be three years from the date of successful installation at consignee place.
14. CMC will be given @ 4 % of net rate - inclusive GST and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of three years.

Other Terms and Conditions

15. Installation will be done by supplier free of cost at consignee place.
16. Demonstration of equipment is must for technical approval
17. The service engineer should be based in Rajasthan.
18. The company should mention the make & model name of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per amended technical specifications.

19. Firm should mention all the pre-installation requirements in technical bid like air conditioning, dust proofing, pest proof, electrical supply with proper earthing, water supply and drainage facility.
20. Firm should provide equipment training and certificate to the user free of cost.
21. Firm should submit preventive maintenance and calibration schedule in technical bid.

2. Technical Specification Nd: Yag Laser

1. Mounted on imported slit lamp with original imported motorized table. Slit lamp five step magnification
2. High resolution camera attachment with LED display (40 inch)
3. Touch screen control panel or Touch pad
4. Firing both from slit lamp joystick and footswitch
5. Solid state, 1064 nm wavelength, pulse length of 4 ns or less
6. Burst mode (1 to 3 bursts selectable) .
7. Energy delivery upto 10 mJ in single burst mode
8. 8-15 microns spot size
9. Posterior offset at least 100 microns
10. Cone angle 16 to 20 degrees
11. Aiming red diode beam : 2-4 spot focusing with variable intensity
12. Capsulotomy and iridotomy lenses (two each)
13. Standard 220-240 V with 50 Hz power supply
14. Compatible UPS
15. Spare bulbs (12)
16. The product should have safety certificate from a competent authority European CE (Notified Body)/USFDA Copy of the certificate/test report shall be submitted in technical bid.
17. Guarantee shall be three years from the date of successful installation at consignee place.
18. CMC will be given @ 4 % of net rate – excluding GST (as applicable) and yearly escalation of 5 % on last year's CMC Price. The CMC may be awarded for five year (on yearly basis) after completion of Guarantee period of three year.

3. TECHNICAL SPECIFICATION OF PHACOEMULSIFICATION MACHINE

1. Phacoemulsification unit with the following feature
 - a) Phaco console
 - b) Microprocessor controlled
 - c) Phaco, I/A Vitrectomy, Diathermy/Bipolar Cautey function.
 - d) Suitable Surge control System
 - e) Peristaltic pump design
 - f) Memory settings for multisurgeon use
 - g) Aspiration flow rate control 0-50 cc/mm
 - h) Vacuum range 0 to at least 500 mmHg
 - i) US frequency at least 25 KHz

- j) US power 0-100 % both panel and surgeon controlled
 - k) Programmable pulse mode phaco with Variable pulse frequency and duration.
 - l) Burst mode phaco
 - m) Upgradable software
2. Stand
 - a) Infusion pole may be manual
 - b) Trolley for keeping instruments on adjustable tray.
 3. Phaco Handpiece
 - a) At least 4 crystal titanium hand piece- one in number
 - b) Phaco needles (titanium) : 30 degrees as specified below
 4. I/A Handpiece
 - a) One coaxial and one bimanual handpiece with each unit
 - b) Detachable tips compatible with disposable sleeves (two straight and two curved) with the coaxial I/A handpiece.
 5. Foot pedal with programmable detents.
 6. Vitrectomy : standard vitrectomy with at least 1000 cuts per min.
 - a) If Reusable Pneumatic/Electric Cutter, at least 01.
 - b) If Consumable / Single use Pneumatic/Electric Cutter, at least for three years (@04 per year)
 7. Diathermy: standard bipolar Cautery with variable power adjustment
 8. Accessories and disposables
 - a) Tubings:
 - If reusable, at least 5 per unit
 - If single use, company should supply free of cost for at least three years (@ 150 per year)
 - b) Phaco needles:
 - Straight 30 degrees 20 G - five
 - Curved 30 degrees 20 G – five
 - c) Sleeve sets:
 - Compatible with Straight & Curved 30 degree 20G Phaco needles – 30 units
 - Micro needle for 2.2 mm incision – 15 units
 - Compatible with Coaxial I/A tips- 25 units
 9. Standard 220 volt, 50 Hz electrical supply with compatible online UPS with unit – Make:- Luminous /Microtech.
 10. The machine should have safety certificate CE with notified Body/ FDA (US). Copy of the certificate shall be produced along with the technical bid.
 11. Guarantee shall be three years from the date of successful installation at consignee place.
 12. The price of below items shall be quote in BOQ:
 - a) Crystal Titanium hand piece

- b) Phaco needle (titanium) Straight - 30® 20G
- c) Phaco needle (titanium) Curved - 30® 20G
- d) Micro needle for 2.2 mm incision
- e) I/A Coaxial Hand piece
- f) I/A Bimanual Hand piece
- g) Straight Detachable tip compatible with coaxial I/A Hand piece
- h) Curved Detachable tip compatible with coaxial I/A Hand piece
- i) Reusable Tubing
- j) Consumable Tubing
- k) Sleeve set compatible with phaco needles & I/A Hand piece.
- l) Reusable Pneumatic/Electric Cutter
- m) Consumable / Single use Pneumatic/Electric Cutter

13. The price which asked in point no. 12, shall freeze for guarantee period.

14. CMC will be given @ 4 % (of net rate - inclusive of GST (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of three years.

Other Terms and Conditions


1. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue in the Technical bid.
2. Installation will be done by supplier free of cost at consignee place.
3. Demonstration of equipment is must for technical approval.

2. Date extension of Bid:-

Previous Last date & time of receipt of bid form	New Last date & time of receipt of bid form	Previous Date & time of opening of technical bid	New Date & time of opening of technical bid
<u>14.03.2019</u> <u>6:00 PM</u>	<u>26.03.2019</u> <u>6:00 PM</u>	<u>15.03.2019</u> <u>11:00 AM</u>	<u>27.03.2019</u> <u>11:00 AM</u>

Please note that all clarification/amendment/corrigendum in technical specifications/bid conditions is the integral part of the bid document. This corrigendum/addendum should be signed and annexed with bid document.

All other terms & conditions remains the same.


Executive Director (EPM)
RMSCL, Jaipur