



Government of West Bengal
Office of The Principal
Medical College, Kolkata
88, College Street, Kolkata-700073



Memo No: MC/PRIN/ 3353/2021

Dated: 06/07/2021

Notice for modification of E-Tender with NIT No MC/PRIN/3148/2021 Dt 24/06/2021

As per discussions of the Pre-Bid meeting held today i.e on 06/07/2021 in presence of the HOD and other Faculty Members Deptt of ENT Medical College Kolkata and prospective bidders following modifications of NIT No MC/PRIN/3148/2021 Dt 24/06/2021 are hereby made.

(i) As per advice from the Deptt of ENT the Equipment named Monitor Endo Camera System & Microdebrider System with Nasal Endoscope and Hand Instrument for Endoscopic Sinus Surgery is split up in the following manner .

Sr No	Name of the Instrument	Quantity (Set)	Name of Department
1	Monitor Endo Camera System ,Nasal Endoscopes and Hand Instrument for Endoscopic Sinus Surgery	1(One)	Deptt of ENT Medical College Kolkata
2	Microdebrider System	1 (One)	
3	Coablation System with Accessories	1 (One)	

(ii) The Performance Bank Guarantee as per Para 19 should be @3% instead of 10% as per Govt of WB Finance Deptt Audit Branch Memo No 201-F(Y) Dt 18th Jan 2021.

(iii) The modifications of the Tech Specifications in respect of Item Sr No 2 (Microdebrider System Annex A) and Sr No 3 (Coablation System with Accessories Annex B & C) as suggested by the Deptt of ENT are Annexed herewith.


Principal
Medical College Kolkata

Memo No: MC/PRIN/

Dated:

Copy forwarded for information and n.a:-

1. The Director of Medical Education Deptt of H& FW Govt of WB.
2. The Medical Superintendent Cum Vice Principal Medical College & Hospital Kolkata.
3. The Hod Deptt of ENT Medical College Kolkata.
4. The IT Cell Deptt of H&FW Govt of West Bengal .
5. Office File.


Principal
Medical College Kolkata

ANNEXURE - C
This newly technical specification
of Coblator system should be accepted.

06/7/21
Assistant Professor
Dept. of ENT
Medical College, KOLKATA

6.07.2021
Prof. & Head
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Technical Specifications for Coblator-II System for Dept. of ENT

- Coblator system capable of performing tissue ablation, tissue coagulation and hemostasis via Controlled, Precise Plasma Layer.
- Unit should operate in a temperature range of 40 to 70 Degrees.
- Should be US FDA Approved
- The 100mm - 200mm plasma field allows for precise removal of soft tissue
- The Coblation Wand should have Multi Electrode Technology that will allow a uniform production of plasma.
- The Wands should have integrated cable and electrodes made of Tungsten precise plasma layer.
- The Wands should have malleable shaft so as to provide access to reach difficult areas.
- Suction probes should have the Integrated IV tubing's.
- Probes with dual function of Coblation and Shrinkage should have depth markers and limiters on shaft.
- Probes should have an inbuilt saline delivery system to ensure saline reaches tip of the probe irrespective of probe orientation.
- The output **voltage** settings should be controlled by regulation on the generator from setting 1-9
- The Coblator System should be digital which also covers the Coblation & Coagulation regulation.
- The Coblator System should have facility to use a foot control for convenience and ease of use.
- There should be facility of separate switches at the foot control for coblation and coagulation.
- Coblation regulation from the foot control switch can also be done
- The Coblation Surgery System should be able to take multiple range of probes for open and minimally invasive ENT procedures like Tonsillectomy, Base Tongue, Adenoidectomy, Turbinate Reductions, Submucosal Turbinate Resection, Soft Palate, Laryngeal Procedures etc.
- There must be wands which are sufficient enough for Ablation, Coagulation, and Hemostasis together with Suction & Irrigation.
- The unit should be able to recognize the Coblation Wands and as a precaution and safety measure must automatically shift to the desired settings of Coblation and coagulation.
- There must be provision for sub-mucosal tissue ablation and shrinkage.
- It should operate at 100-300V and 100-500kHz
- There should be a saline irrigation controller with manual and auto-mode.
- There shouldn't be any separate power requirements for the Saline Flow Controller rather, it should derive power and run in synchronization with Coblation Surgery System Plasma Generator.

4/6/21

6.06.2021
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4/6/21
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Technical Specifications of Coblation System for ENT Surgery

- Controlled ablation of tissues based on low temperature BI-Polar Radio frequency technology in electrolytic solution like normal saline. The system should not have any need for the secondary patient grounding pad.
- System must be FDA Approved
- Operating Temperature should be in a range of 40 to 70 degrees
- The generator should have integrated saline pump for continuous irrigation of the surgical site.
- Output should Voltage driven and not Power driven
- The output **voltage** settings should be controlled by regulation on the generator from setting 1-9
- The generator should have facility of a Foot Switch for convenience and ease of use.
- There should be facility to adjust Coblation and Coagulation with different settings
- The generator should be able to take at least 8 different probes for open and minimally invasive ENT procedures.
- The RF generator should be able to take multiple range of probes for Tonsillectomy, turbinate reduction, adenoids, soft palate, Laryngeal, Head & Neck and related applications.

This technical specification of 14.06.2021 is an older one which can be ignored. The newer technical specification on the next page, is newer one & should be accepted.

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Arunabha Sengupta,

Upal Jena
14-6-17

Indranath Kundu

Should be USFDA & European CE Certified product.

ANNEXURE - A

MICRODEBRIDER SYSTEM

Specifications for Unidrive 5 III ENT 5CB Console Microdebrider System.

The motor control unit should have the following:

- Should have Touch Screen for straight forward function selection and optimized user control *view*
- Single console should be capable of ~~six~~ ^{multi} functions - Shaver system, High speed Drill, Sinus Shaver, Micro Saw, Intranasal Drill, Dermatome *view*
- Should support simultaneous connection of two motor output
- Should have integrated microprocessor-controlled irrigation pump with quick connect tubing set
- Should have easy program selection via automated motor recognition
- Should have continuously variable revolutions per minute range
- Should be operable at power supply 100-240 Volt, 50/60Hz *view*

Should come with the following:

- Irrigation Rod *view*
- Mains cord
- Two pedal foot switch, two-stage with proportional function
- Silicon tubing set for irrigation, sterilisable
- Clip set
- ~~SCB~~ connecting tube *view*
- Single use tubing set of 3
- Spray for cleaning

Specification for Shaver Handpiece

- Shaver handpiece should have ergonomic design and variable handle for comfortable work
- Should have powerful motor for harder surface and faster ablation of soft tissues
- Should have oscillation mode upto 10,000 rpm for shaver blades
- Should have rotation mode upto 12,000 rpm for sinus burrs (12,000 to 30,000 rpm) *view*
- Should have straight suction channel and integrated irrigation
- Should have quick coupling mechanism for shaver blades and sinus shavers
- Should be completely immersible and machine washable
- Should be autoclavable

Specification for Shaver Blades

- All shaver blades should be reusable / disposable blade (If, disposable, then - 50 blades are required) *view*
- Shaver Blades should be available in the following configurations and colour coded for easy identification:
 - 4mm double serrated cutting edge, ~~colour code: blue yellow~~ *view*
 - 4mm curved 40°, cutting edge serrated forwards, double serrated, ~~colour code: blue yellow~~ *view*
 - 4mm curved 65°, cutting edge serrated backwards, double serrated, ~~colour code: blue yellow~~ *view*

view
6.07.2021
Prof. S. Head
Deptt. of E.N.T.
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view
Asst. Professor
Deptt. of ENT
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view
16/2/21

view
2.06.2021

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