



**Running Contract Details**

Equipment Name	Argon Plasma Coagulation System with Cautery Type B
Running Contract Valid Till	24-11-2024
Tender Ref No	KMSCL/EP/T462/1289G/2022
Tendered Quantity	4
Supplier Name	M/s Aswini Health Specialities India Pvt Ltd
GST No	32AAGCA4309K1ZW
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

**Supplier`s Details**

Address	Contact Details	
Door No.IV/675 Ferry Road Kalamassery Ernakulam	Contact Person	Manoj K A
	Phone	04842550121
	Mobile No	9847940976
	Email	aswinihealthspecialities@gmail.com

**Item-wise Price Details**

#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Cautery compatible to Argon Plasma Coagulator unit with all accessories as per specifications <i>Model &amp; Make : VIO with APC/ Erbe Elektromedizin GmbH</i>	628172.16 Incl.GST :12%	46327.7	674499.86
2	<b>Argon Plama Coagulation unit with accessories as per specifications</b>	839026.72 Incl.GST :12%	61878.22	900904.94
3	<b>"Straight fire Argon Probe (For future procurement)"</b>	10648.96 Incl.GST :12%	785.36	11434.32
4	<b>"Side fire Argon Probe (For future procurement)"</b>	10648.96 Incl.GST :12%	785.36	11434.32
5	<b>"Circumferential/ Argon snare probe (For future procurement)"</b>	10648.96 Incl.GST :12%	785.36	11434.32
6	Pediatric APC Probe (For future procurement)	10648.96 Incl.GST :12%	785.36	11434.32

Item-wise Price Details							
7	"Patient plate disposable/ equivalent (For future procurement)"	280 Incl.GST :12%	20.65	300.65			
		<b>1510074.72</b>	<b>111368.01</b>	<b>1621442.73</b>			
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Cautery compatible to Argon Plasma Coagulator unit with all accessories as per specifications</b>							
Labour	20,500.00	20,500.00	20,500.00	20,500.00	20,500.00	20,500.00	20,500.00
Comprehensive	45,000.00	45,900.00	48,195.00	48,195.00	52,051.00	57,256.00	57,256.00

### **Other terms & conditions**

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

### **Technical Specification**

#### **Equipment :Cautery compatible to Argon Plasma Coagulator unit with all accessories as per specifications**

1. The Workstation should have all necessary utility and program functions for all adult and pediatric advanced interventional pulmonology procedures via flexible and rigid bronchoscopy like electrocautery knife, hot biopsy, electrocautery snaring, coagulation, endobronchial debulking, APC, APC with Snaring etc.
2. The Workstation should be microprocessor controlled with power output of cut and coagulation of 120 watt or more Electrocautery unit with Argon plasma coagulation and preferably both as a single unit.
3. Argon system should be of the same manufacturer as the electrosurgical unit and Argon system power should be supplied by main ESU unit through the connecting cable.
4. There should be a simple ergonomic user interface with preferable touch screen LCD display of 4 inch size or more.
5. The user interface should be able to navigate easily through menu functions and provide a real time display of appropriate preset mode used, including APC mode with wattage and gas flow rate.
6. The unit should have rapid retrieval of preset user defined program selection function with memory function and a favorite list option should be available.
7. The unit should show a graphical contact indicator to help in monitoring with the best safety net.
8. The Workstation should have a minimum of 2 output & One Argon output
  - a. One Monopolar output Socket
  - b. One Bipolar output socket
  - c. One Argon plasma output socket
9. The Workstation should be time controlled and spark controlled output and should have automatic voltage and arc control for efficient working.

10. APC unit should have internal cooling system
11. APC should have option of flushing with flush duration 5 seconds or less
12. The electrocautery system should have facility to automatically adjust current according to the tissue resistance and Argon flow should be adjustable from 0-10L/min with automatic regulation of selected flow rate.
13. The Workstation Should have following Modes & programs with auto start stop function.
  - a. Monopolar –cutting,coagulation and blend modes
  - b. Different special modes for APC-Argon spray, Forced APC, Cutting, coagulation, fractionated cutting & coagulation cycle and preferably other modes also
  - c. Bipolar mode cutting & coagulation with auto start/stop
14. The Workstation should be the latest system with facility for free updation to the latest software on site
15. The gas level in Argon cylinder must also be available real time on screen with acoustic alarm in case of gas leak and when cylinder content reaches minimum level.
16. The entire unit should be reasonably light weight, not more than 13kg and should come in the imported stand with easily portable wheels.
17. The workstation should be European CE Certified or USA FDA Certification or preferably both should be there.
18. The unit should confirm to IEC 60601-2-2 standard or more
19. The unit should confirm more than EN ISO 9001-2008 and preferably EN ISO 9001-2015 .
20. The unit should confirm to safety standards of UL-2601 or above and preferably of UL 60601-1
21. The Workstation should be supplied with all standard company accessories for pulmonology procedures from the same manufacturer.
22. Accessories should be made locally available easily in the event of replacement.
23. The Workstation should be supplied along with the following endoscopic accessories. Rate for these accessories should be included with the main equipment rate. Rate for probes shall also be quoted separately in BOQ for future procurement which will be taken for evaluation.
  - a. Company manufactured standard reusable patient plate with cord- 1 no
  - b. Disposable patient plates (50 numbers)
  - c. Double pedal foot switch – 01 number
  - d. Universal adapter and power cord
  - e. 5Liter Argon cylinder – 2numbers
  - f. Argon regulator and sensor
  - g. Monopolar cable for accessories – 2 number compatible with electrocautery unit and accessory
  - h. Sterilizable and washable APC probes as mentioned below ,compatible for a bronchoscope working channel of minimum 2 mm and above with adequate length for all airway pulmonology procedures
    - i. Straight fire argon probe – 2 numbers
    - j. Side fire argon probe – 2 numbers
  - k. Circumferential probe / Argon snare probe -2 numbers
    - l. Argon gas integrated snare probe of 2.5mm diameter for pulmonology (15mm snare –one number and 30mm snare –one number
  - m. The Argon snare probe should be supplied with argon tubing set.
  - n. Any other accessories for making the unit completely functional.
  - o. Paediatric straight fire argon probe – 2 nos