



Running Contract Details	
Equipment Name	ESU Analyzer
Running Contract Valid Till	04-10-2025
Tender Ref No	KMSCL/EP/T494(R)/1647/2023
Tendered Quantity	5
Supplier Name	M/s Helix Corporation
GST No	29AAWPN2120L1Z8
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	
878 / 9th B Main 17th Cross - ISRO Layout Bangalore - 560078 Karnataka	Contact Person	
	Phone	
	Mobile No	
	Email	dinesh@helixindia.com

Item-wise Price Details							
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total			
1	<b>ESU Analyzer</b> <i>Model &amp; Make : QAES-III/Fluke biomedical</i>	826000 Incl.GST :18%	57820	883820			
		<b>826000</b>	<b>57820</b>	<b>883820</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>ESU Analyzer</b>							
Labour	14,000.00	14,000.00	16,000.00	16,000.00	18,000.00	18,000.00	18,000.00
Comprehensiv e	40,000.00	40,000.00	45,000.00	45,000.00	45,000.00	50,000.00	50,000.00

**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 :ESU Analyzer**

1. Should be able to perform all tests to check performance safety of electro surgical devices
2. Should be measure output watts, peak to peak voltage, current, crest factor
3. Power output measurement range- 0-500 W with accuracy of 5 % or better
4. RMS current measurement range- 0-5500 mA with accuracy of 3 % or better
5. Peak to peak voltage measurement range 10 kV with accuracy  $\pm(10\%$  of reading + 50V)
6. Crest factor range 1.4 to 16
7. Variable load from 0 to 5200 ohms with accuracy  $\pm 2.5\%$
8. HF leakage measurement at fixed load 200 ohms with accuracy  $\pm(2.5\%$  of reading + 1mA)
9. Contact quality monitoring (CQM) range 0 to 475 ohms with accuracy of 5 % or better
10. Should have single as well as continuous mode operation of device under test
11. Should have memory storage and USB or wireless interface
12. Should have vessel sealing option
13. Should meet the requirement of IEC standards for Electrosurgical units
14. Should have safety certificate from a competent authority CE issued by a notified body registered in European commission / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
15. Should be provided with all standard accessories as per manufacture's specification.

Note: If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid