



Running Contract Details	
Equipment Name	Digital Dissection Microscope
Running Contract Valid Till	14-09-2025
Tender Ref No	KMSCL/EP/T494(R)/1642/2023
Tendered Quantity	10
Supplier Name	M/s Sudheer Scientific works
GST No	06ABEFS5389P1ZB
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 2 Visits per year
Warranty period	2 Years

Supplier`s Details		
Address	Contact Details	
1265 BENGALI MOHALLA AMBALA CANTT HARYANA-133001	Contact Person	SUDHEER KUMAR
	Phone	1714007615
	Mobile No	9416025615
	Email	suswox71@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Digital Dissection Microscope</b> <i>Model &amp; Make : SKC-STZ/ Sudheer Scientific</i>	192340 Incl.GST :18%	13463.8	205803.8
		<b>192340</b>	<b>13463.8</b>	<b>205803.8</b>
Annual / Comprehensive Maintenance Charges (Exl.Tax)				
Rate	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	
<b>Digital Dissection Microscope</b>				
Labour	5,000.00	6,000.00	6,000.00	
Comprehen sive	11,480.00	12,200.00	12,900.00	

**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 :Digital Dissection Microscope**

#### I. Digital Dissection Microscope

1. Viewing Head: Trinocular Viewing Head, Inclined at 45°, 30:70 light distribution
2. Eyepiece: Extra wide field eyepiece EW10×/ 22, WF15×/?16 (optional), WF20×/?12 (optional)
3. Should have Zoom Objective: 0.8×- 5×
4. Should have Zoom Ratio: 6.3:1
5. Should have Working Distance 115mm
6. Should have Interpupillary Distance 52-75mm
7. Auxiliary objective: 0.5×, WD 210mm (optional), 0.7×, WD 13mm (optional), 2×, WD 45mm (optional)
8. Stage Plate:

- a. Frosted Glass Plate, Diameter 100mm
- b. White & Black round plate, Diameter 100mm

#### 9. Illumination:

- a. Incident Illumination 100V-240V, LED
- b. Transmitted Illumination 100V-240V, LED

#### 10. Attachment:

- a. Photo Attachment (optional),
- b. Video Attachment (optional)

#### II. 5MP HD Touch Screen Digital Camera

##### 1. Hardware

- a. CPU : Dual-core ,1.5Hz
- b. Display : 9.7inch Color LCD Touch (1024\*768)
- c. Storage
  - i. RAM 1GB DDR3
  - ii. ROM 2GB
  - iii. Support External SD Memory Card, Maximum Capacity Up to 32GB
- d. Camera: 1/2.5" (4:3), 5Mega Pixel(2592H × 1944V) Color CMOS Sensor
- e. Network:
  - i. WI-FI
  - ii. Bluetooth5
- f. Input/ Output
  - i. USB/Mini-USB (OTG), Support USB Keyboard and Mouse
  - ii. HDMI Output
  - iii. SD Memory Card Slot
- g. LCD Screen 360°@Horizontal/ 90°@Vertical

##### 2. Software

i. Operating System : Android 4.2

ii. Banding Software: Build-in Microscopy Software (Measuring and Particle Analysis)

### III. Accessories

a. Standard: Power Adapter, USB Cable, User Manual

### IV. Built in Camera

a. Should have Optical Format : 1/2.5-inch (4:3)

b. Should have Active Image Size 5.70mm(H) × 4.28mm (V)7.13mm(Diagonal)

c. Active Pixels: 2592H × 1944V

d. Pixel Size: 2.2um × 2.2um

e. A/D Converter: 12-bit, On-chip

f. Should have Sensitivity 0.53V/lux-sec(550nm)

g. Should have Resolution & Frame Frequency 1280 × 720@15fps, 640 × 480@30fps

h. Should have Electronic Rolling Shutter (ERS)

i. Should have White Balance : Auto/Manual