



Running Contract Details	
Equipment Name	Thin layer Chromatography System
Running Contract Valid Till	09-07-2026
Tender Ref No	KMSCL/EP/T529/1659/2024
Tendered Quantity	1
Supplier Name	M/s Anchrom Enterprises (I) Pvt. Ltd.
GST No	27AACCA2898R1ZV
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	
101 A Shri Aniket Apartment Navghar Road Mulund East Mumbai-400081	Contact Person	Ramesh Naidu
	Phone	
	Mobile No	9833830898
	Email	sales@anchrom.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Thin layer Chromatography System</b> <i>Model &amp; Make : Camag, Switzerland</i>	7399200.05 Incl.GST :18%	517944	7917144.05
2	<b>Rate for drug identification software</b> <i>Model &amp; Make : 1659A1</i>	892080 Incl.GST :18%	62445.6	954525.6
		<b>8291280.05</b>	<b>580389.6</b>	<b>8871669.65</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>Thin layer Chromatography System</b>							
Labour	1,10,000.00	1,57,000.00	2,04,000.00	2,51,000.00	2,98,000.00	3,45,000.00	3,92,000.00
Comprehensive	4,04,000.00	4,45,000.00	4,85,000.00	5,25,000.00	5,66,000.00	6,06,000.00	6,47,000.00

### 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 :Thin layer Chromatography System**

##### Technical Specification

#### **Equipment: Thin Layer Chromatography System**

Integrated HPTLC system for quantification, identification, finger printing and micro preparative separation meeting GLP certification.

##### **1. Automatic sample applicator with manual sample changeover- 1 No**

- a. Sample applications for Quantitative analysis; overlay Derivatisation reagent application, micro preparative TLC
- b. Spray on, contactless sample application. Vol.range 0.1 micro liter to 495 micro litre for micro preparative separations. On screen display of application pattern. Sample application rate software controlled.
- c. Band width selectable –spot and up to 10 mm.
- d. Sample positioning anywhere on x & y axis. (for in-situ clean up)
- e. 100 µl syringe and 500 µl syringe for micro preparative work.
- f. Computer controlled dead volume elimination syringe holder accepting 100 µl syringe and 500 µl syringe

##### **1. N2 gas spray controlled sample application (Cylinder required) – 1 No**

- a. On line gas pressure check possible.
- b. Auto alignment of syringe position

##### **1. UV Cabinet – 1 No**

- a. Visualization and photo documentation of plates at 254 & 366nm.
- b. Images to be transferred to PC for further processing.
- c. 100% protection to eyes and skin.
- d. Auto shut off of UV light.
- e. Flicker less illumination.

##### **1. Camera of latest model. – 1 No**

Digital Camera with minimum 16 MP and photo documentation.

1. **Twin trough chambers for plate 20 x 20 cm, with lid.- 1 No**
2. **Solvent front monitoring device – 1 No**

### 3. Densitometric Scanner – 1 No

- a. D2, Hg, W lamps bandwidth selectable 5 & 20nm.
- b. Multi-wavelengths scanning with photodiode array.
- c. Wavelength range 190-900 nm.
- d. Scan speed 100 mm/sec.
- e. High resolution.
- f. Automatic integration of peak, Auto baseline correction.
- g. 3D display of chromatogram and data storage.
- h. Statistical analysis of data. Check facility.
- i. Automatic calculation of data from weights and dil. factors.

#### 1. HPTLC Software :

- a. single software to keep a file of methods and datas, to control the whole processes of sample application, to keep Solvent front level of plate, for phot documentation, spectrum scanning and quantification, integration, automatic system suitability detection and calculation of results.
- b. Data library facility for Herbal finger printing and drug identification including drugs of abuse such as MDMA, LSD, Ketamine, Heroin and others. Rate for drug identification software shall be quoted separately in BOQ which will be taken for evaluation.
- c. PC and printer with following specification - 1 Nos

##### 1. Processor:

2. 11<sup>th</sup> Gen Intel Core i5 Processor

3. 8 GB RAM

4. HardDrive:1 TB

5. Monitor 15.6 inch or more

6. Operating System Windows Licensed version

7. Suitable printer to be supplied

8. Pre coated plates (Silica Gel 60F , Aluminium sheets 20 x 20 cm ) – 10 boxes of 10 plates