

Running Contract Details	
Equipment Name	Nanodrop Spectrophotometer
Running Contract Valid Till	01-05-2026
Tender Ref No	KMSCL/EP/T554/1749/2024
Tendered Quantity	3
Supplier Name	M/s Scientific Enterprises
GST No	32AAIFS7780D1Z4
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	
PB No. 1951 Vytila Kochi -682019	Contact Person	Neenu
	Phone	
	Mobile No	9847701536
	Email	seqcochin@gmail.com

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	Nanodrop Spectrophotometer <i>Model & Make : Model/MakeND LITE PLUS (NDL- PLUS-GL) /Thermo Fisher Scientific</i>			647820 Incl.GST :18%	45347.4	693167.4	
				647820	45347.4	693167.4	
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Nanodrop Spectrophotometer							
Labour	40,000.00	42,000.00	44,100.00	46,300.00	48,620.00	51,050.00	53,600.00
Comprehensive	7,000.00	73,500.00	77,175.00	81,025.00	85,085.00	89,340.00	93,806.00

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 :Nanodrop Spectrophotometer

Technical Specification

Equipment: Nanodrop Spectrophotometer

1. Absorbance Accuracy: 3% at 0.97 A, 302 nm, $23 \pm 2^\circ\text{C}$ Abs/mm at 25°C
2. Absorbance Range: 0.01 to 140 Abs (10 mm equivalent)
3. Concentration: 1,500 ng/ μL (1,200 ng/ μL) dsDNA (RNA) 45 mg/mL (21 mg/mL) BSA(IgG)
4. Measures purified DNA, RNA, and protein concentration
5. Up to 1,500 ng/ μL dsDNA
6. Up to 1,200 ng/ μL RNA
7. Up to 45 mg/mL BS
8. Depth: 22 cm
9. Detection Limits: 2.0 ng/ μL (1.6 ng/ μL) dsDNA (RNA) 0.06 mg/mL (0.03 mg/mL) BSA(IgG)
10. Detector Type: CMOS Linear Image Sensor
11. Display: LCD Touchscreen
12. Light Source: Xenon Flash
13. Wavelength Range: 230 nm, 260 nm, 280 nm
14. Application: Nucleic Acid Quantification, DNA Quantification, RNA Quantification, Protein Quantification
15. Material: Stainless Steel (303), Quartz Fiber
16. Data storage and transfer: Last 1,000 measurements saved locally; export data to a USB device
17. Measurement Time: ? 5 seconds
18. Path length: 1.0 mm - 0.07 mm (auto adjust)
19. Processor: Standalone control with data export via USB Flash Drive
20. Sample Volume: 1 to 2 μL
21. Spectral Resolution: ? 1.8 nm (FWHM at Hg 254 nm)
22. Wavelength Accuracy: ± 1 nm
23. Certifications/Compliance: UL/CSA and CE
24. Connections: USB 2.0 Port
25. Power Consumption: 18 W (standby < 3 Watts) Wavelength Repeatability: Typical: 0.002 A (1.0 mm path) or 1% CV, whichever is greater. (SD of 20 individual measurements at 0.74 Abs)