



Running Contract Details	
Equipment Name	GEL DOCUMENTATION SYSTEM TYPE C
Running Contract Valid Till	02-05-2024
Tender Ref No	KMSCL/EP/T420R)/814C/2021
Tendered Quantity	20
Supplier Name	M/s Crescent Lab Equipments
GST No	32AAFFC9887N1ZQ
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	
BMRA-136 B Theckineth B.K Menon Road Edappally Cochin -682024 Kerala	Contact Person	
	Phone	
	Mobile No	
	Email	crescentlab07@gmail.com, info@crescentlab.in,

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	GEL DOCUMENTATION SYSTEM TYPE C <i>Model & Make : GEL DOC GO</i>	812725 Incl.GST :18%	56890.75	869615.75
		812725	56890.75	869615.75

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
GEL DOCUMENTATION SYSTEM TYPE C							
Labour	22,770.00	25,047.00	27,551.00	30,306.00	33,337.00	36,671.00	40,338.00
Comprehensive	35,000.00	38,500.00	42,350.00	46,585.00	51,500.00	56,367.00	62,000.00

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 3.00% 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 :GEL DOCUMENTATION SYSTEM TYPE C

Item Name: Gel Documentation System Type C

1. Should be versatile system to support wide range of applications like Fluorescence, Colorimetry/densitometry & gel documentation.
2. Should support the following dyes - SYBR Green, SYBR safe, Ethidium Bromide, Stain free Gel, commassie Blue, Zinc Stain, Flamingo, Oriole, Silver Stain, Coomassie Flour Orange, Sypro Ruby,
3. Should feature touch screen of size 9" or more which is multi touch capable & offer good Display resolutions.
4. Should automatically recognizes your application – specific tray and adjust imaging parameters and software options accordingly.
5. Should offer precalibrated focus for any zoom setting or sample height.
6. Should have a high resolution scientific grade 16 bit CMOS camera, a light-tight compact dark room & a slide-out UV Transilluminator.
7. Dynamic range-> 3.5 orders of magnitude.
8. Emission filter – 535 – 645 nm.
9. Data output – 16 bit or 8-bit:SCN, TIFF, JPEG image files.
10. The Gel placement door should be drawer type allowing access to Gels from wither direction for facilitating easy/clutter free gel excision application.
11. Should offer a camera resolution greater than 6.3 mega pixels & carry a pixel size of 2.4 um x 2.4 um.
12. Should offer Trans-UV (B) and epi White as standard illumination and UV/blue conversion should be available as optional.
13. Appropriate flat fielding correction should be automatically and consistently applied to image data for every application.

Image analysis software: single software image capturing & analysis

1. Should have automated line band identification, molecular weight or base pairs evaluation, band sizing and quantitation based on a reference band or quantity standards.
2. Should allow publishing resolution (dpi) and publishing dimensions to be specified with a one-click image export for publication.
3. No requirement of license for registration. The fill version software should be installable in large number of computers. Lifetime free upgrades of software and firmware should be available.
4. Should be Mac and PC compatible software.
5. Software should produce customizable reports with data organized as desired, including, Lane and band identification, molecular weight or base pair evaluation. Band sizing and quantification are based on a reference band or quantity standards.
6. Software should offer live update of results with any change of analysis parameters

7. Should have Local/global background for subtraction for individual bands.
8. Should have tools for compliance with U.S FDA 21 CFR part 11 regulations.
9. Should have service report based in Kerala from manufacturer for the quoted model, support document should be submitted from manufacturer side.
10. Should come with suitable UPS for instrument