



**Kerala State Co-operative Hospital Complex and Centre for Advanced Medical Services Ltd.**

**No. 4386 , Pariyaram.**

**Pariyaram Medical College PO Kannur, Kerala, India- PIN 670503**

**Email: kchepariyaram@gmail.com**

**Phone: 0497-2808111 (15 Lines), Fax: 0497-2808125**

### **Quotation Notification**

<b>Notification Ref:</b>	P2.8974/18/KCHC	
<b>Date</b>	01-02-2019	
<b>Closing Date</b>	08-02-2019	4PM
<b>Department</b>	Pharmacy college	
<b>Equipment</b>	UV Spectrometer	
<b>Quantity</b>	1	

**Page-1**

#### **Technical Specifications**

- 1 Should have Double beam optics
- 2 Should have Photometric system

- 1 Czerny – Turner mounting
- 2 Single monochromator
- 3 Lo-Ray-Light grade blazed holographic grating

- 3 Should have Light source

- 1 Built in auto position adjustment
- 2 maximum 50 W halogen lamp, deuterium lamp,

- 4 Should have Setting wavelength range : 190 to 1100 nm or more
- 5 Should have Wavelength accuracy : $\pm 0.1$  nm(656.1 nm D2),  $\pm 0.3$  nm(all range)
- 6 Wavelength repeatability : $\pm 0.1$ nm
- 7 Wavelength scan rate minimum 3000 to 2 nm/min
- 8 Should have Wavelength setting: At 1 nm units for scan start and scan end
- 9 Wavelength, and 0.1 nm units for other : Wavelength
- 10 Should have Photometric accuracy:  $\pm 0.002$  Abs(0.5Abs)  
 $\pm 0.004$  Abs (1Abs)  
 $\pm 0.006$  Abs (2Abs)
- 11 Stray light  
 Less than .02% (220nm,NaI)  
 Less than .2%(340.370nm.NaNO<sub>2</sub>)  
 Max 1% (198nm.KCl)
- 12 Should have lamp interchange wavelength : Auto switching synchronized with wavelength : switching range selectable between 295 and 364nm : 0.1 nm units)
- 13 Should have Operating temperature: 150C to 350C
- 14 Operating humidity: 30% to 80% (no condensation, : less than 70% above300C)
- 15 Power requirements: 100 to 240VAC, 50/60Hz
- 16 Warranty 3 years
- 16 Spare part availability  
 i. For 8 years- Enclose the confirmation from manufacturer
- 17 AMC /CMC  
 i. Price for AMC/CMC for 5 years after warranty expire.

18 Manuals

Page -3

19 Certificate of origin

i. User manual 2 Nos and Service manual 1 No

i. Certificate of origin has to be produced for the procured equipment model and serial no.

Sd/-  
PRINCIPAL

Note:- Sealed competitive Quotations are to be addressed to, The Managing Director, Kerala state Co-operative Hospital Complex and Centre for Advanced Medical Services Ltd No.4386, Pariyaram, Kannur -670 503

Ref. No. and Equipment name and Vender details should be specified on the cover  
Brochure and Specification compliance statement should be enclosed with the bid.