



DIRECTORATE OF OIL PALM RESEARCH

(Formerly National Research Centre for Oil Palm)

(Indian Council of Agricultural Research)

Pedavegi-534 450, West Godavari District, Andhra Pradesh

Website: <http://nrcop.ap.nic.in>



F.No.40/Hort/UV-VIS Spectrophotometer/2011-12;

Dated 15th February 2012.

To

Sub: - Quotation for UV-VIS Spectrophotometer (On Buy Back System) – Reg.

Sirs,

Sealed competitive quotations are invited by the undersigned for the following item.

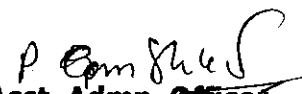
S.No.	Name of the item & Description	Quantity
	Mentioned in Annexure enclosed	

The Quotation should conform to the following conditions: -

01. The rates should be valid for a period of three months from the date of receipt of the quotations;
02. Complete description, specifications of the stores should be given;
03. Quotation should clearly indicate the point of supply for dispatch station;
04. The rate of ST/CST/ED/VAT etc., if any, charged extra should be given;
05. Payment will be made within 15 days from the date of receipt of stores in good working Conditions;
06. Quotations received after due date will not be entertained;
07. The right to accept or reject any or all the quotations rests with the Director, DOPR, Pedavegi, without assigning any reason;
08. You should quote the amount for old system on buy back.

Your sealed quotations may be sent to reach this office at Pedavegi, W.G.Dist., A.P., on or before 08-03-2012. The cover containing the quotation should be superscribed as Quotation for "UV-VIS Spectrophotometer (On Buyback System)".

Yours faithfully


Asst. Admn. Officer

ANNEXURE

Technical specifications of UV-VIS Spectrophotometer

Wavelength range	190 to 1100nm
Spectral bandwidth	1nm-high resolution
Wavelength display	0.1-nm increments
Wavelength setting	0.1-nm increments
Wavelength accuracy	± 0.1 nm @ 656.1nm D2 ± 0.3 nm (190 to 1100nm)
Wavelength repeatability	± 0.1 nm
Stray light	less than 0.02% NaI @ 220nm, NaNO ₂ @ 340nm
	less than 1.0% KCl @ 198nm
Photometric system	Double Beam
Photometric range	Absorbance: -4 to 4 Abs Transmittance: 0% to 400%
Photometric accuracy	± 0.002 Abs (0.5Abs)
	± 0.004 Abs (1.0Abs)
	± 0.006 Abs (2.0Abs)
Photometric repeatability	less than ± 0.001 Abs (0.5Abs)
	less than ± 0.001 Abs (1Abs)
	less than ± 0.003 Abs (2.0Abs)
Baseline stability	less than 0.0003 Abs/H @700nm
Baseline flatness	within ± 0.0006 Abs
Noise level	within 0.00005 Abs RMS value (@700nm)
Memory	USB memory (option) Saved as text and UVPC file
Performance for PC	USB memory + UV Probe (standard) Win XP
Accessories	Data storage device and other necessary accessories should be included as optional