

**GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
WAINGANGA DIVISION**

Phone: 2510156
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GRAM: HYDRONET
C.G.O.COMPLEX, BLOCK 'C'
2ND FLOOR, SEMINARY HILLS
NAGPUR-440006

No. WD/NAG/HQJE/JE-34/2011-12/ 1703-13

Dated :26/12/2011

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited from registered firms / parties of repute to supply the following materials as per terms and conditions described below :-

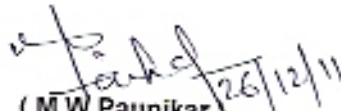
Sr.No	Description of item	Quantity
1.	<p style="text-align: center;">UV-VISIBLE SPECTROPHOTOMETER (PC-CONTROLLED)</p> <p>Purpose To carry out spectrophotometric measurements in Laboratory in UV range</p> <p>Specifications: Brief Description : Computer controlled spectrophotometer which can be used with rectangular cells of up to at least 10 mm thickness, and sipper flow through cell, having following specifications, dual display system</p> <p>Optical System Double beam grating based single detector or dual display system</p> <p>Wave Range : 190 to 1100 nm</p> <p>Wave length readability : Better than or equal to 0.2 nm</p> <p>Accuracy : Better than or equal to ± 0.5 nm</p> <p>Scan speed : 1-3800 nm/min</p> <p>Wavelength repeatability : Better than or equal to ± 0.2 nm</p> <p>Photometric readout : Digital LCD/LED selectable for transmittance T, Absorbance A and Concentration C</p> <p>Spectral band width : Provisions should include at least 2.0 nm SBW (slit band width)</p> <p>Scan speed : Should be wide range 1 to 3800 nm/minute (variable)</p> <p>Photometric Range : Should cover -0.500 A to + 3.0 A range</p> <p>Photometric Accuracy : Better than 0.5% T or 0.005 A</p> <p>Noise : Better than 0.0002 A at 500 nm</p> <p>Data interval : 0.2, 0.5, 1.0, 2.0, 4.0, 10.0 nm</p> <p>Drift : 0.0002 A/hour after warm up</p> <p>Cell Holder : For holding upto 50 nm pathlength rectangular cuvette</p> <p>Interface : RS-232 C/USB</p> <p>Power Supply : 220 VAC $\pm 10\%$, 47 to 53 Hz AC</p> <p>Quality Certificate : Installation qualification, operational qualification and performance qualification certificate from NABL Accredited Laboratory or US-EPA certificate of performance</p> <p>Accessories • Two pairs of square glass cuvettes (10 mm pathlength), Operation and maintenance manual (English), Dust cover, Power cable with plug to suit Indian socket</p> <ul style="list-style-type: none"> • Computer (Pentium I-3 With LCD Monitor , 2 GB RAM, 360 GB HDD with necessary softwares • Printer (internal) Laserjet suitable for graphs/data printing 	One

- Rectangular cuvettes (50 mm & 25 mm pathlength)
 - Other accessories needed for calibration
- Consumables** • For two years of operation, printer ribbons etc considering the expiry dates
- Additional Features** • The system should provide facility for the storage of spectra/methods, multi wavelength mode, baseline correction, peak area and other statistical calculations. Software should be provided for water & environmental analysis along with user
- friendly programme softwares.

Terms and conditions:

1. The rates are to be quoted F.O.R. destination inclusive of packing forwarding, freight, insurance, if, any, at the office of the Executive Engineer, Wainganga Division, C.W.C. , CGO complex, Block 'c' Seminary Hills Nagpur 440006
2. The rates shall be valid for 90 days minimum from the date of opening of the quotation.
3. The materials should be supplied within 15 days from the date of supply order.
4. The rates should be inclusive of all taxes and levies. No extra payment on any account will be made. Octroi will have to be borne by the supplier.
5. The materials must be strictly as per specifications, otherwise liable for rejection.
6. The supplier shall do installation, commissioning and training in operational use
7. At least 5 years of after sales service shall be guaranteed. The AMC charges are also be mention after one year warranty for next four years.
8. Essential spare parts for five years of operation to be made available.
9. Earnest Money of Rs. 3000/- (Rupees Three thousand) only in fixed Deposit Receipt of a scheduled bank / Demand Draft of a scheduled bank issued in favour of the Executive Engineer, Wainganga Division, C.W.C. Nagpur.
10. Tax Clearance Certificate and Authorised Dealership Certificate from manufacturer should be enclosed.
11. 10% of the payment will be kept as performance guarantee upto the warranty period of one year.
12. Pre-receipted bill in triplicate will have to submitted for making payment after satisfactory delivery of the materials in full. Payment will be made by cheque / Demand draft after receipt of pre-receipted bill in complete shape.

Sealed quotation duly superscribed " **Quotation for Supply of UV VISIBLE SPECTROPHOTOMETER** " will be received by the undersigned till **15.00 Hrs** on **09 /01/2012** and will be opened on **09 /01/2012** at **15.30Hrs** in the presence of interested parties. Quotations received after scheduled time will not be considered. **Undersigned reserves the right to reject any or all the quotations without assigning any reasons thereof.**


 (M.W. Paunikar)
 Executive Engineer

Copy for information and publicity to:

- ✓ 1. The Director, Software Management Directorate, 628, Sewa Bhawan (South), R.K. Puram, New Delhi, a soft also sent through email at smdte@nic.in for wide publicity.
2. The Superintending Engineer (C), M.C.O. C.W.C. Nagpur.
3. The Accounts Branch, W.D. C.W.C. Nagpur.
4. Office Notice Board. Wainganga Division, Nagpur.