

# RABINDRA MAHAVIDYALAYA



Affiliated to the University of Burdwan  
Champadanga, Hooghly, West Bengal, Pin.- 712401

Estd. - 1971

NAAC (Cycle-2) Accredited B<sup>++</sup> Institution



Ref. No. RM/Ten/Phy.Ins/18/21

Date 01-02-2021

## Tender Notice

(Displayed at College Notice Board, UBI Champadanga, Tarakeswar BDO Office, Champadanga Gram Panchayet, Office of Hooghly ZilaParasad, Hooghly District Magistrate Office, and Chandanagar Treasury Office)

### Sealed Quotations for Supply of Instrument for Physics Department

1. Sealed quotations for Cost of Purchase not exceeding Rs. 98,000/- (Ninety-eight thousand only) with judiciously comparable rates in the physical and ecommerce (amazon.com, filpkart.com, ebay.com, snapdeal.com etc, others if any) marketplaces for the stated **Category: Instrument for Physics Department** are invited from the leading suppliers / authorized sellers of the above item to the Department of Physics, RabindraMahavidyalaya, Champadanga, Hooghly, W.B., PIN:712401.
1. **One Setof complete and sealed quotation in separate cover**, mentioning “**Sealed Quotation for Supply of Instrument for Physics Department**” in bold letters in the title to be sent and reached accordingly to the college office. The said quotation should be sent either through **Speed Post** addressed to the Principal, RabindraMahavidyalaya, Champadanga, Hooghly or by messengers personally and reached at the said office or the same should be deposited at the **Tender Box** in the Ground Floor beside **Room No. 6** of the institution up 12:30 P.M. of 12-2-2020 (Friday), and the same will be opened at 1:00 P.M. on 12-2-2020 (Friday).
2. Incomplete Quotations or quotations with insufficient information if received will be summarily rejected. On any aspect regarding the purchase, the decision of Purchase Committee of RabindraMahavidyalaya, Champadanga, Hooghly is final. Interested bidders are requested to visit the official website [www.rabindramahavidyalaya.org](http://www.rabindramahavidyalaya.org) for reference information, if any. The sealed quotation should clearly mention the of rates of the different items inclusive of all necessary expenses or charges for installations or the others, if any;
3. The sealed quotation should be accompanied at least with the documents of Registration of the firms, shop or dealership or license documents etc.; CST / VAT / GST registrations, if any; other registration certificates from statutory agencies, if any; a copy of this Tender Notice; and their account details for electronic payment or banking transfers (optional);
4. Quotation Price should include the delivery and transport costs, and all other incidental charges. There is no Tender Fee. An Earnest Money, if imposed, is refundable only on completion of Work Order, and the same will be fixed on the tender opening date on a case to case basis by the Purchase Committee;
5. Brief of the **Instrument** for the said departments is as follows and also visit the college website [www.rabindramahavidyalaya.org](http://www.rabindramahavidyalaya.org)for the other details):

*Principal*  
**Rabindra Mahavidyalaya**  
Champadanga, Hooghly (W.B.)



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Date. *01-02-2021*

Serial No.	Name of the Instrument/Practical	Quantity
1	To determine self-inductance of a coil by Anderson's bridge	1
2	To study response curve of a Series LCR circuit and determine its (a) Resonant frequency, (b) Impedance at resonance, (c) Quality factor Q, and (d) Band width.	1
3	To investigate the motion of coupled oscillators.	1
4	To verify the Stefan's law of radiation and to determine Stefan's constant.	1
5	To determine the Coefficient of Thermal Conductivity of Cu by Searle's Apparatus	1
6	Photo-electric effect: photo current versus intensity and wavelength of light; maximum energy of photo-electrons versus frequency of light	1
7	To determine the value of $e/m$ by Magnetic focusing	1
8	Study of V-I & power curves of solar cells, and find maximum power point & efficiency.	1
9	To study a Wien bridge oscillator for given frequency using an op-amp	1

## 6. Mandatory Conditions:

- The products will be checked, reviewed and verified by the respective department at the time of received of the instruments and as well as after installation (if required). On being satisfied the payment will be made to the bidder who have received the work order.
- The delivery and installation has to be done within 15 days of issue of the work order. If the bidder fails to do so the work order will be regarded cancelled.
- If anything found in violation of the tender notice and work order, the work order will be cancelled and the college authority will bear no responsibility of either of the vendor's preliminary delivery or installation cost or the others thereof.

*Principal*  
**Rabindra Mahavidyalaya**  
Champadanga, Hooghly(W.B)