

GOVERNMENT OF WEST BENGAL

OFFICE OF THE PRINCIPAL



सत्यमेव जयते

**SISTER NIBEDITA GOVERNMENT
GENERAL DEGREE COLLEGE FOR GIRLS**

Hastings House, 20/B Judges Court Road, Alipore, Kolkata- 700027

Phone No. 033-2479- 7100/ 2479- 7110

e- mail: contact@snggdcg.ac.in Website: www.snggdcg.ac.in

Tender No: SNGGDCG/44/FNT/PHS

Date: 17.02.2022

Sealed Quotations are invited from Government approved suppliers for providing Equipment/Instrument for the **Physics and Food and Nutrition Departments of Sister Nibedita Government General Degree College for Girls.**

Sealed Quotations are to be addressed to The Principal, Sister Nibedita Government General Degree College for Girls, Hastings House, 20B Judges Court Road, Kolkata 700027.

Sealed Quotations must be dropped in the Tender Box kept in the College office till the date & up to the specified time period as mentioned herein.

1.	Name of Work	:	Providing following Equipments to the Physics and Food and Nutrition Departments of Sister Nibedita Government General Degree College for Girls, Hastings House, Kolkata 700027.
2.	Name and Address of the Office	:	Office of the Principal, Sister Nibedita Government General Degree College for Girls. 20B, Judges Ct Rd, Alipore, Kolkata, West Bengal 700027
3.	Quotationers who are Eligible to submit Quotation	:	Reputed, experienced & Government approved suppliers for Equipments.
4.	Last Date & Time of submitting quotation Papers	:	25th February, 2022 up to 12.00 Noon.
5.	Opening of quotations	:	At 01.00 pm on 25th February, 2022. (This Time and Date of the opening of quotations is subjected to last minute change for any unforeseen condition.)
6.	Documents to be submitted along with the application	:	1. Copy of TRADE LICENSE. 2. Copy of PAN Card, 3. Copy of GST Registration 4. Copy of Service Tax registration 5. Credentials
7.	Quotation Papers	:	On company letterhead with required sign and stamp.

TERMS & CONDITIONS

1. Sealed Quotations are to be addressed to The Principal, Sister Nibedita Government General Degree College for Girls, Hastings House, 20B, Judges Court Road, Kolkata.
2. Selection of Supplier for Equipment will be made on the basis of minimum price quoted for the Equipment/Instrument.
3. The accepting authority reserves the right to reject any or all the quotations without assigning any reasons thereof.
- 4. The participating bidders are required to quote their rate in minimum price amount for an equipment inclusive of GST.**
5. No conditional / incomplete rate will be accepted under any circumstances.
6. Immediately after receiving the work order, the Equipment supplier must deliver the specific item in good condition **within seven working days** to the respective Department/ Departments of this College, failing of which the order will be placed to the L2 bidder (who has bidden next minimum price) without any further intimation.

-sd-

.....

Principal
Sister Nibedita Government
General Degree College for Girls
Hastings House, Kolkata 700027

-sd-

.....

Convenor,
Purchase Committee,
Sister Nibedita Government
General Degree College for Girls
Hastings House, Kolkata 700027

***Please quote for the Instruments mentioned below:**

SL.NO	NAME OF EQUIPMENT/INSTRUMENT	COMPANY NAME/SPECIFICATION IF ANY
1/FNT	Microprocessor Photo Colorimeter 8 filters. Range 400-700 nm Microprocessor Photo Colorimeter with 8 glass filters covering range of 400-700 nm with facility for auto Concentration, %Transmission, Absorbance and K factor measurement. It has 16x2 line LCD data display. Its sample holder accommodates glass test tubes of 10mm path length. Facility has been provided for 100 sample data storage and interface for any centronics printer.	Make : EI Model: 1312

2/FNT	Double Door Refrigerator	LG/ Samsung/ whirlpool/godrej
3/FNT	Stop Watch mechanical, single button start, small graduation 1 sec, sequential running 1 hr	Make : Diamond, silver color
4/FNT	Metal Inoculation Needle (loop)	Fusion biotech
5/FNT	Balance. Digital. 30kg	Make : WENSAR Model: TTB 31
6/FNT	Balance. Digital. 0.001 to 200 gm PGB 220 Capacity : 200 g ; Readability : 0.001 g (1 mg) Precision Balance Salient Features Low Battery Indication Auto Calibration with External Weight Multifunction Weighing Units Auto Zero tracking. Overload Protection Design S.S. Weighing Pan, Level indicator, Adjustable Fit High Resolution, Quick Weighing, Accurate Result In built rechargeable battery for continues use	Make: Wensar
7/FNT	Sphygmomanometer with stethoscope with dial	Make: Diamond
8/FNT	Height measuring rod with base	Make: Prime surgicals
9/FNT	MICROSCOPE. INSTAVISION MS Magnification 100x - 1000x . Feature include separate coarse & fine adjustment, square stage with COAXIAL MECHANICAL STAGE, with convenient adjustment for manipulation of slides & plano-concave mirror in adjustable fork mount, Sub-stage Abbe Condenser (N.A. 1.25) focusable with rack and pinion fitted with an iris diaphragm & filter holder, triple revolving nose piece, Microscope is inclined upto 90 degree with mechanical tube length 160mm. Optical combinations. OBJECTIVES : Hard anti-reflection coated colour coded Parfocal DIN Standard VS series objectives 10x, 40x & 100x (spring, Oil Immersion) EYE-PIECES : 10x W.F.20F.N Complete in Thermocol Box.	Make: De tech
10/FNT	Induction based pressure cooker 1.5lt 3lt	Make: prestige, hawkins

SL.NO	NAME OF EQUIPMENT/INSTRUMENT	COMPANY NAME/SPECIFICATION IF ANY
1/PHS	Equipments to determine Brewster's angle for air-glass interface using a prism.	Complete set-up
2/PHS	Equipments to study Fresnel's law by the reflection on the surface of a prism.	Complete set-up
3/PHS	Equipments to verify the Malus law using a pair of polaroids.	Complete set-up
4/PHS	Equipments for the measurement of magnetic susceptibility of solids	Complete set-up
5/PHS	Equipments for the measurement of hall voltage by four probe method	Complete set-up
6/PHS	Arduino UNO R3	ATmega328P (With USB Cable and Header Pins)
7/PHS	Equipments to study BH hysteresis of ferromagnetic material	Complete set-up
8/PHS	Equipments to determine dielectric constant of different materials (solid and liquid) using fixed frequency alternating source.	Complete set-up
9/PHS	Equipments for the measurement of variation of resistivity in a semiconductor and investigation of intrinsic band gap using linear four probe.	Complete set-up
10/PHS	Equipments to study temperature coefficient of a semiconductor (NTC thermistor) and construction of temperature controller with comparator and relay switch.	Complete set-up
11/PHS	Equipments to determine dispersive power and resolving power of a plane diffraction grating	Complete set-up
12/PHS	Equipments for the determination of e/m of electrons by using bar magnet	Complete set-up
13/PHS	Equipments to study the tunneling effect in tunnel diode using I-V characteristics.	Complete set-up
14/PHS	Platinum Resistance Thermometer (PRT)	
15/PHS	Equipments to determine the frequency of an electric tuning fork by Melde's experiment and verify $\lambda^2 - T$ law	Complete set-up
16/PHS	Equipments to determine the Moment of Inertia of a Flywheel.	INCO
17/PHS	IC 7476, IC 74151, IC 7400 series	
18/PHS	Digital Expt. Set to perform expts- a. To verify and design AND, OR, NOT and XOR gates using NAND gates. b. To design a combinational logic	

	<p>system for a specified Truth Table.</p> <ul style="list-style-type: none">c. To convert a Boolean expression into logic circuit and design it using logic gate ICs.d. To minimize a given logic circuit.e. Half Adder, Full Adder and 4-bit binary Adder.f. Half Subtractor, Full Subtractor, Adder-Subtractor using Full Adder I.C.g. To build Flip-Flop (RS, Clocked RS, D-type and JK) circuits using NAND gates.h. To build JK Master-slave flip-flop using Flip-Flop ICsi. To build a 4-bit Counter using D-type/JK Flip-Flop ICs and study timing diagram.j. To make a 4-bit Shift Register (serial and parallel) using D-type/JK Flip-Flop ICs.	
--	--	--