

BOOST PROJECT DETAILS:

Introduction:

The Department of Science & Technology and Biotechnology, Govt. of West Bengal has sanctioned BOOST programme in the session 2017-18 to the Department of Zoology, Rammohan College. This programme has been initiated to procure sophisticated equipments for infrastructural upgradation of research laboratories with an aim of academic improvement in UG/PG colleges of West Bengal as an integral part of promotion of biotechnology. The goal of this programme is to create trained man-power to serve the nation via establishing intellectual corpus repository in Biotechnology and Science & Technology sectors. Regular class practicals and research facility upliftment via utilising sophisticated instruments is also an objective the Department behind sanctioning the BOOST Grants. The Department decided to fund state funded/aided colleges (UG and PG) and Universities offering various courses in Biological sciences with evidence of a biotechnology component. Proposals were invited for consideration of support under a scheme entitled "Biotechnology based Opportunities Offered to Science & Technology Departments" or BOOST. A sanction of Rs 25 lakhs was received (Reference letter *no. 1087/BT(Estt)/1P-19/2018 of dated: 24/10/2019*) for the implementation of the BOOST project.

Sanction Letter No. **1087/BT(Estt)/1P-19/2018 of dated: 24/10/2019:**

Government of West Bengal
Department of Science & Technology and Biotechnology
Vigyan Chetana Bhavan, 26/B DD Block, Sector-1, Salt Lake, Kolkata-700064

No. 1087/BT(Estt)/1P-19/2018 **Date:** 24/10/2019

From : The Deputy Secretary
Department of Science & Technology and Biotechnology

To : The Principal
Rammohan College
102/1, Raja Rammohan Sarani
Kolkata 700009

Subject: Allotment letter under BOOST Programme 2017- 18

Sir/Madam,

In inviting reference to the subject noted above, this is to state that an amount of Rs. 25 Lakhs (Rupees twenty five lakhs only) has been sanctioned in favour of the Department of Zoology of your College under the BOOST Programme 2017-18 to procure equipments for infrastructure upgradation of research laboratories as in the attached sheet in Annexure-1 under terms and conditions in Annexure-2.

You are requested to submit the Self-declaration Certificate as per format (Annexure-3) before receiving the fund under BOOST Programme 2017-18.

Thanking you,

Yours Faithfully

Deputy Secretary
to the Govt. of West Bengal

Enclosure:

1. Annexure-1: Approved Budget and list of Equipment.
2. Annexure-2: Terms and Conditions under BOOST scheme.
3. Annexure-3: Copy of Self-declaration Format.
4. Annexure-4: Proforma for submission of Utilization Certificate

No. 1087/(2)/BT(Estt)/1P-19/2018 **Date:** 24/10/2019

Copy forwarded to:

1. Managing Director, West Bengal Biotech Development Corporation Ltd.
2. Dr. Samarendra Nath Banerjee (BOOST Programme Coordinator), Department of Zoology, Rammohan College, 102/1, Raja Rammohan Sarani, Kolkata 700009.


Deputy Secretary
to the Govt. of West Bengal

Budget Details of BOOST Programme (2017-18):

Annexure-1

BOOST Programme 2017-18

Budget details

Name of the College: Rammohan College Name of the Department(s): Zoology Name of the Programme Coordinator: Dr. Samarendra Nath Banerjee (Dept. of Zoology) BOOST category - I	
Items	Approved budget
A. Equipment	20,00,000.00
B. Consumables	4,00,000.00
C. Infrastructure Facilities	Nil
D. Networking & Computational Facilities etc.	1,00,000.00
TOTAL	25,00,000.00
Approved List of Equipment: 1. Millipore Water Purification System 2. BOD Incubator 3. Gel Documentation System 4. ELISA Microplate Reader 5. -80°C Deep Freezer 6. UV VIS Spectrophotometer 7. Thermal Cycler 8. Laminar Airflow Cabinet 9. Cooling Centrifuge 10. Dry Blotting System	

Verified
22.7.19


Deputy Secretary

Department of Science & Technology
and Biotechnology
Government of West Bengal

BOOST Grant Committee:

1. Dr. Saswati Sanyal, Principal, Rammoahan College.
2. Dr. Samarendra Nath Banerjee, Associate Professor, Coordinator (BOOST), Rammohan College.
3. Dr. Krishnendu Sarkar, Coordinator (IQAC), Associate Professor, Rammohan College.
4. Prof. Tapas Narayan Ray, Associate Professor, Rammohan College.
5. Dr. Shantanu Das, Associate Professor, Rammohan College.
6. Dr. Kaustuv Dutta Choudhury, Assistant Professor, Rammohan College.
7. Dr. Santi Ranjan Dey, Assistant Professor, Rammohan College.
8. Prof. Chayanika Roy, Assistant Professor, Rammohan College.
9. Prof. Sanjay Kumar Paul, Assistant Professor, Rammohan College.
10. Dr. Samik Acharjee, Assistant Professor, Rammohan College.

e - Tendering of Instruments under BOOST Grant:



**OFFICE OF THE PRINCIPAL
RAMMOHAN COLLEGE**

(Assessed & Accredited by NAAC with Grade "B++")

102/1 RAJA RAMMOHAN SARANI, KOLKATA-700009, WEST BENGAL, INDIA

Telephone: +91-33-2350 5687 / +91-33-2354 3853

Website: www.rammohancollege.ac.in

E-mail: rnc.tic85b@yahoo.in

Tender Notice No.: 1625/RMC/2019-20

Date: 28.11.2020

Notification Inviting e-Tender (NIT) in (TwoBid)

(Submission of BID strictly through WB e-tender portalonly)

The Principal, Rammoan College under the aegis of Department of Science & Technology & Biotechnology, Government of West Bengal (Biotechnology based Opportunities Offered to Science & Technology Departments (BOOST Programme), having its office at 102/1, Raja Rammohan Sarani, Kolkata-700009 is inviting e-tender (two bid) for **purchase and installation of equipment** for **Department of Zoology, Rammoan College, Kolkata 700 009** as per annexed list from the Bonafide Manufacturer / Direct Importer / Authorized Distributors / Reputed Vendors. Necessary earnest money to be submitted only through online mode for participation in the e-Tender process as appended in the table below.

EMD will be refunded after selection of bidder without any accrued interest for all unsuccessful bidders.

Name of the Item	Earnest Money
For Equipment as enlisted in ItemSpecification.pdf file	Rs.5,000/- (Rupees Five Thousand)

List of Items: Enclosed in ItemSpecification.pdf file

1. GENERAL INSTRUCTIONS

In the event of tendering process, intending bidder may download the tender documents free of cost from the website; <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary earnest money may be remitted in favour of the PRINCIPAL, RAMMOHAN COLLEGE, strictly **through online mode only** in accordance with **G.O. No. 3975-F(Y), dated 28.07.2016** of the Finance Department, Government of WestBengal.

2. SUBMISSION OFBIDS

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in>. All papers must be submitted in English language.

3. TIME SCHEDULES OF THE E-TENDER

THE TIME SCHEDULE FOR OBTAINING THE BID DOCUMENTS, PRE-BID MEETINGS, THE SUBMISSION OF BIDS AND OTHER DOCUMENTS ETC. WILL BE AS PER THE LIST PROVIDED IN **CLAUSE NO 24** AS GIVEN BELOW.

4. ELIGIBILITY FOR QUOTING

Only Manufacturers, authorized distributors, reputed vendors and direct importers with good credentials in similar jobs are eligible for quoting. The price is to be quoted in Indian Rupees including all charges e.g. cost of insurance, custom duty, GST, packing, forwarding, freight charges, clearing charges and transportation and installation charges including dismantling charges, if any.

5. SUBMISSION OF THE TENDERS

The tender is to be submitted in a two Bid System.

[A] TECHNICAL BID "A"

(a) Statutory Cover containing the following documents:

BID "A": PART I

(SINGLE FILE MULTIPLE PAGE SCANNED)

Essential Requirements of the Tendering Firm for participation shall contain all papers related to the essential requirements of the Tender for participation in the tendering process viz.

A	NIT and Corrigendum(if any)
B	CHECK LIST in the prescribed format
C	Authorization letter of signatory from Bidder
D	Technical Specification

BID "A": PART II

It should contain the detailed Technical Specifications of Items (in Excel sheet)

NON-STATUTORY/MY DOCUMENTS containing the following documents:

Sl. No.	Category	Sub Category	Sub Category Description
A.	Certificates	A1 Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration certificate
			4. Valid Trade License for the period for the specific trade
B.	Bidder Details		1. Proprietorship Firm (Trade License) 2. PAN Card of the Prop. /Firm/ Cooperative/Society 3. Partnership Firm (Partnership Deed, Trade License) 4. Company (Incorporation certificate, Trade License) 5. Society (Society Registration copy, Trade License) 6. Power of attorney (if required)
C.	Credential		1. License for doing the job. 2. ISO, CE certificate as the case may be 3. Guarantor on behalf of the bidders (if the value of quotation exceeds Rs.10 Lakh) 4. Guarantee of the job/product as the case maybe. 5. Work orders and payment certificates for experience in identical work if any.
D.	Financial Information		1. Income Tax Returns submitted for the last Financial Year (2018-19).
		P/L Accounts & Balance Sheet (if available)	Audited P/L Account & Balance Sheet of last Financial Year (2018-19) or a certificate by the chartered accountant clearly stating the nature of the business and annual turnover.

[B] FINANCIAL BID“B”

(i) BOQ in INR (in excel sheet)

The folder as “Financial Bid” shall contain base price in Indian Rupee and the portion of the allied works and services which are to be undertaken in India (like installation, commissioning of equipment or PC etc.) are to be quoted in Indian currency including all charges e.g. cost of insurance, packing, forwarding, freight charges, clearing charges, custom duty and installation & transportation etc. along with applicable taxes.

6. EVALUATION OF THE TENDERS

During the tender evaluation process, the “Bid A” will be opened first. Those Tenderer who have qualified the evaluation of technical bid will be identified and only their “Bid B”, i.e., financial bid will be opened. The “Bid B” of those Tenderer failing to meet the technical and other requirements of participating in the tender will not be opened and will be rejected. The tenderer offering the item found suitable and being as per the instrument wise tender specifications will only be selected.

The “Bid B” (Financial Bids) of only these tenderers passing the technical bid evaluation will be opened then subject to online verification submitted earlier.

If found suitable in the context of above pre-qualification etc. the Tenderer quoting the lowest rate will be considered as successful.

7. COST OF EARNEST MONEY

Each tenderer has to submit, unless exempted under the existing orders of the West Bengal Government. If the bidder does not provide the EMD (wherever applicable) for any quoted bid value of any department/section in respect of in Bid A, the bid of the respective bidder should be treated as cancelled.

The EMD will be refunded to the bidder(s) as per following manners--

- I. If the bidder(s) do not get any offer, the EMD will be automatically be refunded to the bidder(s) account through online mode only after finalization of the tender or within 120 (one hundred twenty) days from the date of opening of tender whichever is later against the specific prayer of Tenderer. No request for receiving the EMD amount in any other offline / online mode will be entertained at any stage by the College authority.
- II. If the bidder(s) get the work offer, but is unable to supply the materials / carry out the work order successfully and satisfactorily, the EMD will be forfeited.
- III. Necessary Earnest Money will be deposited by the bidder electronically: online – through his net banking enabled bank account, maintained at any bank or through any bank by generating NEFT/ RTGS challan from the e-tendering portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD.

8. RATE

The price (along with 3 years Comprehensive onsite Warranty of entire system, including all spares and labour from the date of completion of the satisfactory installation) is to be quoted in Indian Rupees including all costs e.g. insurance, custom duty, packing, forwarding, freight charges, clearing charges, installation and transportation etc. and dismantling charges if any, payable in Indian Rupees should also be mentioned.

Quoting of One Year Comprehensive Maintenance Contract is mandatory.

The Instrument is to be transported in such packaging so that there is no damage to the primary packaging during transportation process.

The basic rate should be furnished inclusive of all taxes duties & charges e.g. Customs Duty, Transportation Cost, Insurance, Freight, Testing charges, Incidental Charges etc. but excluding of GST which shall be quoted separately in the template for Bill of Quantities (BOQ). The GST Amount is to be mentioned in the appropriate Column of the template for Bill of Quantities.

9. ORDER & SUPPLY

Orders for the supply of the approved products will be placed with the successful tenderers after the execution of the agreements, and such supply shall have to be made in such installments as may be fixed or spread over a period to be specified in the supply orders to be made in purchase of the agreements. The successful tenderer will have to supply within the specified time schedule that had been assured at the time of selection as supplier.

10. WITHDRAWAL/CANCELLATION & PURCHASE POLICY OF TENDERING AUTHORITY

The tendering authority reserves the right to withdraw any item from the tender at any stage. The selection of such item, if already made in favour of any Tenderer, shall be treated as cancelled. The tendering authority reserves the right to reject or accept any tender or part thereof at any stage or to split any tender without assigning any reason. Withdrawal of tender or any revision after submission of tender by the Tenderer will not be allowed unless otherwise required by the tendering authority. The tendering authority reserves the right to accept or reject any tender, in part or in full, without assigning any reason. Purchase will, however be made following the existing purchase policy of the Government of West Bengal and its amendment(s) made from time to time. The purchase policy of the State Government as provided in the West Bengal Financial Rules, the policy of price preference in particular incorporated under Notification No. 10500-F dated 19.11.04 read with Notification No. 5400-F dated 25.06.2012 should be observed in considering the tenders.

11. IMPORTANT INSTRUCTION WITH REGARD TO SUBMISSION OF TENDER

The rate should be quoted in Indian Rupees (both in figure and words) for a particular brand or model/model no. of the offered item only as mentioned in the appropriate column of the "Tender Form", (Alternative offer will not be accepted). The tender shall be cancelled for the quotation of item without its brand name, model, model no. etc. the detailed information regarding the manufacturer and the item quoted in the "Tender Form" shall be furnished.

12. SPARE PARTS

The Bidder will undertake the supplies of necessary maintenance equipment and spare parts will be made available for all items and the complete system for at least five years on a continuing basis. However, this does not relieve the supplier of any warranty obligations under the contract.

13. CMC/AMC

13.1 CMC: One Year Comprehensive Maintenance Contract

- 13.2 All faults appearing and their rectification shall be periodically advised to the laboratory, the period being not more than a month.
- 13.3 Any lacuna or lacunae noticed in the functioning of the installation as a result of any design feature shall be rectified by the supplier free of cost.

14. AFTER SALES SERVICES AND MAINTENANCE CONTRACT

After sales services will have to be provided by the supplier during warranty/guarantee period of the equipment free of cost.

15. DELIVERY, INSTALLATION AND COMMISSIONING

- 15.1 Delivery of the goods at the purchaser's premises shall be completed by the Supplier in accordance with the terms specified by the purchaser.
- 15.2 The installation, testing and commissioning of the proposed system shall be completed in accordance with the order.

15.1 The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within 30 days of the issue of purchase order unless otherwise prescribed

15.2 Delivery at: Rammohan College, Department of Zoology, Ground Floor, (85A Raja Rammohan Sarani, Kolkata 700009)

16. SPECIAL TERMS AND CONDITIONS FOR TENDER SUBMISSION

The tenderer has to give a declaration in Rs. 10/- stamp paper that the firm has not been blacklisted in the past by any Institution Government/Private or convicted in any criminal case.

If the tenderer gives a false statement on any of the above information the firm/supplier will not be considered

and their quotation/tender shall be rejected and the earnest money shall be forfeited.

The manufacturer should submit all the quotations directly or through their authorized agent were applicable provided the manufacturer accepts responsibility for any lapse on the part of the agent and authorization certificate must be enclosed.

17. PENALTY CLAUSES

PENALTY FOR FORMATION OF CARTEL OR FURNISHING OF FRAUDULENT/MISLEADING DOCUMENTS:

If during the tender process or at any stage during the validity of the tender period, it is found that a Tenderer(s) has formed a cartel in what so ever form or name to fix up the rates or suppliers to the detriment of the fairness of the tender process, penal measures shall be initiated. Similar penal measures shall also be initiated against those tenderers who have submitted false/misleading/fraudulent documents or made incorrect declarations. The penal measure will be Forfeiture of Earnest Money, Forfeiture of Performance Bank Guarantee if enlisted as a supplier.

18. APPEAL

Appeal against the decision of the Principal, Rammohan College, 102/1 Raja Rammohan Sarani, Kolkata-700009 to impose such a penalty will lie with the Director of Public Instruction, Department of Higher Education, Government of West Bengal.

19. AGREEMENT

On a tender being accepted, intimation of acceptance will be forwarded to the Tenderer by the Principal, Rammohan College, 102/1 Raja Rammohan Sarani, Kolkata- 700009. After communication of the same, the Tenderer and the selected distributor (in the event of distributor to receive order and payment in his name) will have to execute agreement in the prescribed form with the Principal, Rammohan College, 102/1 Raja Rammohan Sarani, Kolkata- 700009. The present document and the tender forms filled in by the Tenderer or copies thereof in so far as they are not inconsistent with these terms and conditions will be incorporated as part of the agreement. Such agreement will be binding on the Tenderer and distributor.

20. VALIDITY PERIOD OF AGREEMENT

The contract period will be for a period decided by the tendering authority while giving work order to the bidder depending upon the job.

21. INSPECTION

Before submitting the tender, the intending tenderers should thoroughly acquaint themselves with the proposed supply and installation by local inspection of site and make into consideration the site condition and other criterion for effecting smooth supply. No claim whatsoever will be entertained afterwards.

22. PAYMENT TERMS

No advance money will be provided to the eligible bidders/suppliers.

Payment will be made through e-payment system through RTGS / NEFT as the case may be after execution and accomplishment of due supply as ordered subject to:

- i. Supply of the materials as per specification as provided in the tender documents and the catalogue.
- ii. Supply of the materials within the supplied period as specified in the workorders.
- iii. Availability of fund in PFMS and IFMS Module as the case maybe

On being selected, the successful vendors will have to submit one application to the Principal, RAMMOHAN COLLEGE, 102/1 Raja Rammohan Sarani, Kolkata-09 and concerned procuring authorities stating the name of the payee/recipient, Bank account no with MICR code, IFSC of the payee/recipient for making e-payment. Hence, following information must be clearly written in the Price Bid for RTGS / FUND TRANSFER:

- a) **Name of the Firm with complete postal address**
- b) **Official e-mail**
- c) **Official Phone Number**
- d) **Name of the Bank with Branch where the Account exist**
- e) **IFSC CODE**
- f) **ACCOUNT No with MICR code**
- g) **PAN No**

h) GST/TIN No (Required from the vendors belongs to West Bengal)

Any request for any sort of advance payment shall not be entertained. No manual payment is allowed to be made as far as practicable.

Payment will be made 100% after successful completion of the job.

23. DATES & INFORMATION:

Sl. No.	Items	Publishing Date(s)
01.	Date of uploading of N.I.T. & Tender documents (online) (Publishing date)	10.12.2020 after 18.50 Hrs.
02.	Documents download/start date (Online)	10.12.2020 from 18.50 Hrs
03.	Documents download/end date (Online)	25.12.2020 upto 18.00 Hrs.
04.	Bid submission start date (On line)	11.12.2020 from 10.00 Hrs.
05.	Bid submission closing (On line)	25.12.2020 upto 18.00 Hrs.
06.	Bid opening date for Technical Proposals (Online)	28.12.2020 after 14.00 Hrs.
07.	Date of uploading list for Technically qualified Bidder (on line) (Bid A)	Will be notified later on.
08.	Date and Place for opening of Financial Proposal (Bid B) (online)	Will be notified later on.
09.	Date of uploading of list of bidders along with the approved rate (online)	Will be notified later on.
	Also if necessary for further negotiation through offline of financial bid	

THE PRINCIPAL, RAMMOHAN COLLEGE, 102/1 RAJA RAMMOHAN SARANI, KOLKATA-09 RESERVES THE RIGHT TO CHANGE THE ABOVE SCHEDULE IN CASE OF ANY EXIGENCIES AFTER PUTTING UP A NOTICE IN THE WEBSITE; <https://wbtenders.gov.in> AND OFFICE NOTICE BOARD.

24. VALIDITY OF TENDER:

The contract period will be for a period decided by the tendering authority while giving work order to the bidder depending upon the job.

No informal tenders will be entertained after closing of Bid submission by online.

During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/manufactured/fabricated, that bidder would not allow to participate in the tender and that application will be out rightly rejected without any prejudice.

Prospective bidders must take training from authorized agencies before submission of their bids.

The Central Tender & Purchase Advisory Committee of the College reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.

25.N.B.:

During evaluation, the Tender Inviting Authority may summon the tenderers (if required) & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable to be rejected.

Sd/-

Principal

RAMMOHAN COLLEGE

102/1 RAJA RAMMOHAN SARANI, Kolkata- 700009

FORMAT FOR CHECK LIST

Sl.No.	Items	Please Mark \checkmark		Page No.
		Yes	No	
01.	PAN Card of the authorized signatory			
02.	Professional Tax Registration Certificate			
03.	GST Registration certificate			
04.	Valid Trade License for the period for the specific trade			
05.	Proprietorship Firm (Trade License)			
06.	Partnership Firm (Partnership Deed, Trade License)			
07.	LTD Company (Incorporation certificate, Trade License)			
08.	Society (Society Registration copy, Trade License)			
09.	Power of Attorney(if required)			
10.	Manufacturing License			
11.	Manufacturer's guarantee			
12.	ISO certificate, CE certificate as applicable			
13.	Work orders and paying certificates for experience in identical work in last 3 Financial Year with minimum 80% of bid value.			
14.	Proof of annual sales turnover of minimum 40 lakhs on an average of last three financial years as per audited accounts of organization			
15.	Income Tax Returns submitted for the Financial year 2018-19			
16.	Audited P/L Account & Balance Sheet of last Financial Year (2018-2019) or a certificate by the chartered accountant clearly stating the nature of the business and annual turnover			
17.	Whether Blacklisted previously; Declaration in Rs. 10/- stamp paper			
18.	Whether involved in any criminal case			
19.	Whether the bidder has bank A/C in the name as of quotation for receiving payment			

Sd/-

Principal

RAMMOHAN COLLEGE

102/1 RAJA RAMMOHAN SARANI, Kolkata- 700009

Summary of technical Evaluation of Instruments Under BOOST Grants:

Phone : 2350-5687
2354-3853
Fax : (033) 2350-5687



RAMMOHAN COLLEGE

(Formerly City College W. Dept.)
102/1, Raja Rammohan Sarani, Kolkata-700 009
E-mail : rmc.tic85b@yahoo.in
Accredited B++Grade by NAAC

Ref. 1642/R-11/2020

Date 29-12-2020

Summary of the technical evaluation of the tender 2020_DHE_308592_1 (Ref no: 1625 /RMC/2019-20 dated 28.11.2020) for purchase and installation of equipment for Department of Zoology, Rammohan College, Kolkata 700 009 (considering as packaged items):

Sl no	Name of the bidder	Decision	Reason
1.	Allied Scientific Products	Rejected	Authorization letter from the manufacturer is lacking; specification of Item:3 (LAMINAR FLOW CLEAN AIR WORK STATION (VERTICAL)) is not matched.
2.	UNIVERSAL LABORATORY EQUIPMENTS	Rejected	Since rate is not offered for all the items, therefore the bid will summarily be rejected.
3.	INDO SCIENTIFIC AND SURGICALS PVT. LTD.	Accepted	Specifications are fully compliance with the tender.
4.	Tatvam Enterprise	Accepted	Specifications are fully compliance with the tender.
5.	M.S Bio-Medical	Rejected	Since rate is not offered for all the items, therefore the bid will summarily be rejected.
6.	SANGITA DISTRIBUTORS	Rejected	Specifications of the items specially Item: 5 (ELISA READER), Item:7 (GEL DOC) and Item:8 (DRY BLOT SYSTEM) are not matched; no such experience in the identical work as per proof of credentials
7.	TAPAJIT ENTERPRISE	Accepted	Specifications are fully compliance with the tender.
8.	INFOSYSTEMS	Rejected	Specifications of the items specially Item: 5 (ELISA READER), Item:6 (PCR) and Item:8 (DRY BLOT SYSTEM) are not matched; no such experience in the identical work as per proof of credentials

S Sanyal
29/12/2020

Principal
Rammohan College
Kolkata-9



Procured Instruments from BOOST Grant:

- I. UV Vis spectrophotometer
- II. ELISA Microplate reader
- III. Horizontal and vertical gen running system
- IV. Gel Doc
- V. Trans-Blot Turbo Transfer System
- VI. Egg incubator
- VII. Cold centrifuge
- VIII. pH meter
- IX. BOD incubator
- X. Laminar Hood and culture system
- XI. Double distilled water purification system



The college has developed an Institutional Central Instrumentation Facility by RUSA, Govt, of India and all various sophisticated instruments with financial support from UGC Major Projects, BOOST (Dept. of Zoology), Department of Science and Technology and Biotechnology has installed in that room.

Workshop organised utilising by the BOOST Grant facilities and Report submission on the workshop:



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Workshop Time Table of Department of Zoology, Rammohan College.								
Time	9AM-9.30AM	9.30AM-10.30AM	10.30AM-11AM	Batch Division	11AM-12PM	12PM-2PM	2PM-2.30PM	2.30-5PM
Day 1 (16/05/2023) Tuesday	Registration & Workshop Kit Distribution	Inauguration (SNB)	Hi-Tea time	GROUP-A	Lecture session on DNA isolation, quantification & separation following Agarose gel electrophoresis (SNB/SD/SA)	Demonstration/ hands on session on DNA isolation, quantification & separation following Agarose gel electrophoresis and visualization by Geldoc. (SNB/SD/SA)	Lunch	Continuation of previous session....
				GROUP-B	Lecture session on protein isolation, quantification & separation following Western blot technique (KDC/SP/CR)	Demonstration/ hands on session on protein isolation, quantification & separation by PAGE following Western blot technique (KDC/SP/CR)		Continuation of previous session....
Day 2 (17/05/2023) Wednesday	Holiday due to Foundation Day of SadharanBrahomoSamaj							
Time	Batch Division	10AM-11AM	11AM-12 PM	12-12.30PM	12.30PM-2PM	2PM-2.30PM	2.30-5PM	
Day 3 (18/05/2023) Thursday	GROUP-A	Lecture session on protein isolation, quantification & separation following Western blot technique (KDC/SP/CR)	Demonstration/ hands on session on protein isolation, quantification & separation by PAGE following Western blot technique (KDC/SP/CR)	Tea Time	Continuation of previous session....	Lunch	Continuation of previous session....	
	GROUP-B	Lecture session on DNA isolation, quantification & separation following Agarose gel electrophoresis (SNB/SD/SA)	Demonstration/ hands on session on DNA isolation, quantification & separation following Agarose gel electrophoresis and visualization by Geldoc. (SNB/SD/SA)	Tea Time	Continuation of previous session....		Lunch	Continuation of previous session....
Time	Batch Division	10AM-11AM	11AM-12PM	12-12.30PM	12.30PM - 2PM	2PM-2.30PM	2.30-5PM	
Day 4 (19/05/2023) Friday	GROUP-A	Lecture session guide of Insilico drug discovery (SP/SD/SRD)	Demonstration/ hands on session on guide of Insilico drug discovery (SP/SD/SRD)	Tea Time	Continuation of previous session....	Lunch	Continuation of previous session....	
	GROUP-B	Lecture session on	Demonstration/ hands on		Continuation		Lecture session	Lecture/Hands

		ELISA and its types. (CR/SA/KDC)	session on ELISA (SA/CR/KDC)	Tea Time	of previous session....	Lunch	on Animal ethical issues in research field (SD/KDC/SNB)	on session on UPGMA/Cluster Analysis: Creation of Phylogenetic tree (SRD/SP/SA)
Time	Batch Division	10AM-11AM	11AM-12PM	12-12.30PM	12.30PM - 2PM	2PM-2.30PM	2.30-5PM	
Day 5 (20/05/2023) Saturday	GROUP-A	Lecture session on ELISA and its types. (CR/SA/KDC)	Demonstration/ hands on session on ELISA (SA/CR/KDC)	Tea Time	Continuation of previous session....	Lunch	Lecture session on Animal ethical issues in research field (SD/KDC/SNB)	Lecture/Hands on session on UPGMA/Cluster Analysis: Creation of Phylogenetic tree (SRD/SP/SA)
	GROUP-B	Lecture session guide of Insilico drug discovery (SP/SD/SRD)	Demonstration/ hands on session on guide of Insilico drug discovery (SP/SD/SRD)	Tea Time	Continuation of previous session....		Continuation of previous session....	
Day 6 (21/05/2023) Sunday	HOLIDAY							
Day 7 (22/05/2023) Monday	Holiday due to Birthday of Raja Rammohan Roy							
Time	Batch Division	10AM-11AM	11AM-12 PM	12-12.30PM	12.30PM-2PM	2PM-2.30PM	2.30-3.30PM	3.30-5PM
Day 8 (23/05/2023) Tuesday	GROUP-A & GROUP-B	Lecture session on Animal handling techniques and related methodologies. (SNB/SD/KDC)	Animal House visit & presentation of animal handling (SNB/KDC/SD)	Tea Time	Continuation of previous session....	Lunch	Examination & Feedback submission (SRD/SP/CR/SA)	Valuedictory Session & Certificate distribution (SD)

List of resource persons and participants

Resource persons:

- ❖ **Dr. Samarendra Nath Banerjee**
- ❖ **Dr. Shantanu Das**
- ❖ **Dr. Kaustav Dutta Chowdhury**
- ❖ **Dr. Shanti Ranjan Dey**
- ❖ **Prof. Chayanika Ray**
- ❖ **Prof. Sanjay Kumar Paul**
- ❖ **Dr. Samik Acharjee**

- ❖ **Ms. Pujita Ghosh**
- ❖ **Ms. Soumi Banerjee**

List of participants

Sl No	Name of the college/University/Office	Name of the participant	Designation
1.	Acharya prafulla Chandra college	Somvit Nandi	UG student
2.	Asutosh college	Snehankita Paul Hrisika Das	PG students
3.	Bangabasi morning college	Ankan Paul Manisa Paul	UG students
4.	Bethune College	Ananya Misra Pourabi Das Trisha Ghosh	PG students
5.	Bhairab Ganguly College	Deepanjan Sarkar Souvik Chakraborty Shruti Ghosh	UG students

		Soumili Sarkar Mehbur Rahaman Shaikh Amrita Jana Krishanu Saha Sumit Banerjee	
6.	Chittaranjan National Cancer Institute	Tanima Das Sunandita Bhar Kanisha Kar	Research Scholars
7.	ICMR- Centre for Ageing and Mental Health	Surajit Das	Technical staff
8.	Jogamaya Devi College	Sayani Dey	UG student
9.	Lady Brabourne College	Tanushree Mondal Shiwangini Banerjee Prajna Hazra Swastidipa Maity	PG students

		Bidisha Ghosh	
10.	Maulana Azad College	Madhu Parna Karmakar Sudeshna Sarkar Rushana Chowdhury Radheshyam Adak	UG/PG students
11.	Presidency University	Sourav Pakrashy	Research Scholar
12.	Serampore college	Arun Jana	PG student
13.	University of Calcutta	Abhilasha Ganguly Shreyasi Guchhait Bikram Das Sreya Sarkar Ayan Bhar Titli Chowdhury Hrithik Mukherjee	PG students

Department of Zoology, Rammohan College

Report of the Workshop on “Molecular Biology Technique and *in silico* Drug Discovery”

Date: 16th May – 23rd May, 2023

We are delighted to report that the all-faculty and non-teaching staff members of the department organized and conducted the 35 hours duration workshop on Molecular Biology Techniques and *in silico* drug discovery based on theory and practical classes with hands-on training. This type of workshop was held for the first time in Rammohan College, 102/1 Raja Rammohan Sarani, Kolkata - 700009. There was a total of forty-three (43) registered participants, such as UG and PG students, research scholars and technical officers from different Colleges, Universities (Calcutta University, Presidency University), Indian Council of Medical Research and Chittaranjan National Cancer Institute, Kolkata. For the last two months, faculty members of the Zoology Department have been trying to set up the plan for the workshop. Likewise, the teachers of this department tried their best to help fellow participants.

In this context we are also happy to inform that the Department of Zoology has been awarded the BOOST grant sanctioned by the Department of Science and Technology and Biotechnology (DSTBT), Government of West Bengal, in 2019. In the last week of December 2018, we started to process our project proposal for the award of the BOOST grant. First, we submitted our proposal, then we had shortlisted by the DSTBT and had to defend DSTBT through a ppt presentation. Finally, the DSTBT approved our proposal and sanctioned Rs. 25 Lac for purchasing equipment and chemicals and our department's infrastructure development. Since the beginning of our proposal submission, shortlisting, and ppt presentation in front of distinguished scientists, secretaries, and higher administrative members of DSTBT, Dr Subhasish Mondal, Scientist and other members, scientists, and Additional Secretary have played the most significant role and has given extensive support for approval and release of the grant.

On behalf of our department and also from our college, we would like to extend our sincere gratitude and thanks to all distinguished persons of DSTBT, Government of West Bengal.

We also express our regards and sincere thanks to our Principal madam, President madam and honourable members of governing body as they had sanctioned a particular central instrument room for keeping these instruments.

The inaugural programme of the mentioned workshop was conducted by Dr. Samarendra Nath Banerjee. He expressed gratitude and sincere thanks to Principal madam, President madam, IQAC coordinators, Dr. Subhasish Mondal, Head of Zoology Department, teaching and non-teaching staff of the college, students and participants.

The workshop was inaugurated with a brief speech by Dr. Saswati Sanyal, Principal, Rammohan College and Smt. Tapati Ghosh, President, Governing body, Rammohan College, Kolkata.

Dr. Subhasish Mandal, Scientist, Department of Science and technology and Biotechnology, Government of West Bengal, Kolkata, Chief guest of the inaugural programme, deliver the talk and discussed the importance of BOOST, DSTBT and expressed his satisfaction about the proper use of the grant for purchasing instrument and infrastructural development through the BOOST grant in the department of Zoology, Rammohan College. Dr. Krishnendu Sarkar, IQAC Coordinator, Rammohan College and Dr. Sumallya Karmakar, IQAC Coordinator, Victoria Institution (College) discussed the importance of workshop on Hands on training in UG level. They expressed their satisfaction and thanks to all staff of the department. Prof. Chayanika Roy, Head expressed her satisfaction that Department of Zoology is going to conduct this workshop. Dr. Kaustuv Dutta Chowdhury, one of the joint coordinators of the work shop had delivered Vote of Thanks. He expressed his gratitude and honours to President madam, Principal madam, Head of the Zoology Department, IQAC coordinators and all other faculty and non-teaching staff members of the college for their extensive support and cooperation.

Then the new central instrument room in new science building was opened through the inaugural programme.

Day 1: 16th May 2023(Tuesday)

Group - A

- **Dr. Samarendra Nath Banerjee: Delivered lecture on DNA isolation Technique and conducted hands -on – training on DNA isolation Technique.**
- **Dr. Shantanu Das: Delivered lecture on Gel Electrophoresis Technique and conducted hands -on – training on Gel Electrophoresis.**
- **Dr. Samik Acharjee: conducted hands -on – training on DNA isolation Technique and Gel electrophoresis.**

Group - B

- **Dr. Kaustuv Dutta Chowdhury:** Delivered lecture on Western blotting Technique and conducted hands -on – training of this Technique.
- **Smt. Soumi Banerjee, and Smt. Pujita Ghosh,** Departmental research scholar, jointly co-operated Dr. Kaustuv Dutta Chowdhury.

Day 2: 18th May 2023(Thursday)

Group - B

- **Dr. Samarendra Nath Banerjee:** Delivered lecture on DNA isolation Technique and conducted hands -on – training on DNA isolation Technique.
- **Dr. Shantanu Das:** Delivered lecture on Gel Electrophoresis Technique and conducted hands -on – training on Gel Electrophoresis.
- **Dr. Samik Acharjee:** conducted hands -on – training on DNA isolation Technique and Gel electrophoresis.

Group - A

- **Dr. Kaustuv Dutta Chowdhury:** Delivered lecture on Western blotting Technique and conducted hands -on – training of this Technique
- **Smt. Soumi Banerjee, and Smt. Pujita Ghosh,** Departmental research scholar, jointly co-operated Dr. Kaustuv Dutta Chowdhury.

Day 3: 19th May 2023

Group A

- **Prof. Chayanika Roy:** Delivered lecture on ELISA and conducted hands -on – training on ELISA.
- **Dr Samik Acharjee:** Delivered lecture on ELISA and conducted hands -on – training on ELISA.
- **Dr. Santi Ranjan Dey:** Delivered lecture on Evolutionary Biology with an emphasis to theory and problems.

Group B

- **Prof. Sanjay Kumar Paul:** Delivered lecture on “*In Silico* Drug Discovery” and conducted hands -on – training on its application.
- **Dr. Shantanu Das:** Delivered lecture on Institutional Animal Ethics Committee.

Day 4:20th May 2023 (Saturday)

Group B

- **Prof. Chayanika Roy:** Delivered lecture on ELISA and conducted hands -on – training on ELISA.
- **Dr Samik Acharjee:** Delivered lecture on ELISA and conducted hands -on – training on ELISA.
- **Dr. Santi Ranjan Dey:** Delivered lecture on Evolutionary Biology with an emphasis to theory and problems.

Group A

- **Prof. Sanjay Kumar Paul:** Delivered lecture on “*In Silico* Drug Discovery” and conducted hands -on – training on its application.
- **Dr. Shantanu Das:** Delivered lecture on Institutional Animal Ethics Committee.

Day 5: 23rd May 2023 (Tuesday): Pre-Lunch session

Group – A and B

Dr. Samarendra Nath Banerjee: Lecture on Institutional Animal Ethics Committee and Animal handling

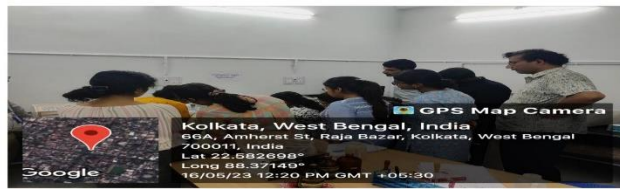
Dr. Kaustuv Dutta Chowdhury: Animal House visit and demonstration

Day 5: 23rd May 2023: Post lunch session: Valedictory Programme

Dr Shantanu Das, a faculty member of the Department, conducted the valedictory programme of the workshop. He expressed gratitude and sincere thanks to Principal Madam and President Madam. He also expressed his gratitude to our Chief Guest of this session, Professor Madhusudan Das, Department of Zoology, University of Calcutta. Prof. Madhusudan Das delivered a presentation on "Precision Medicine". His presentation was outstanding and excellent. Dr Saswati Sanyal, Principal, Rammohan College and Smt. Tapati Ghosh, President, Governing body, Rammohan College, Kolkata, delivered a brief speech about the utility of the workshop that was very relevant to our students. Participants of the workshop expressed their great satisfaction with the workshop. They requested that this type of workshop should be organized regularly in future as a certificate course for the benefit of students and research scholars. Dr. Samik Acharjee, Course Coordinator of the workshop, delivered a brief speech about the curriculum of the workshop and expressed his sincere thanks to the Head of the Department and all Departmental colleagues who handled the event throughout. A wide round of applause and thanks were given by him to all the participants who actually made the event a memorable one by their active participation and attendance. Prof. Sanjay Kumar Paul, one of the workshop's joint coordinators, delivered Vote of Thanks. He expressed his gratitude and honours to the President madam, Principal madam, Head of the Zoology Department, IQAC coordinator and all college faculty and non-teaching staff for their extensive support and cooperation. He also mentioned that satisfaction of the participants is not only the true award for the Department it also boosts the level of confidence of ZOOLOGY TEAM for the continuation of this programme as a certificate course in the future. Finally session was ended with thanks to and by the chair.

Photos of Workshop programme implementing BOOST facilities:





Audited Utilisation Certificate of BOOST Grant:

Phone : 2350-5687
2354-3853
Fax : (033) 2350-5687



RAMMOHAN COLLEGE

(Formerly City College W. Dept.)
102/1, Raja Rammohan Sarani, Kolkata - 700 009
E-mail : rmc.tic85b@yahoo.in, rmc.principal@gmail.com
Accredited B++ Grade by NAAC

Ref. 2483/DST/23

Date 19/12/23 20

To,
The Deputy Secretary
Department of Science & Technology and Biotechnology,
Vigyan Chetana Bhavan,
26/B, DD Block, Sector I, Salt Lake, Kolkata 700064

Subject: Submission of Audited Utilization Certificate and Report of BOOST Grant
(1087/BT(Estt)/1P-19/2018 dt. 24/10/19)

Sir,

I am submitting the Audited Utilization Certificate and Report of BOOST Grant (1087/BT(Estt)/1P-19/2018 dt. 24/10/19). The Instruments and Chemicals were purchased by E tender, following proper procedure. These instruments are installed in a separate room (Central Instrument Facility).

Regular training of Under Graduate students are conducted by Department of Zoology, using these instruments.

A Workshop has also been organized.

Please accept the Audited Utilization Certificate and Report of BOOST Grant.

Thanking you

5 copies U/C submitted

S Samyul
Principal
Rammohan College
Kolkata-9



UTILISATION CERTIFICATE

Certified that total Grant of ₹. 25,00,000/- (Rupees Twenty-five lac only) has been sanctioned vide memo no. 1087 / BT (Estt) 1P-19/2018 dated 24.10.2019 by Government of West Bengal, Department of Science & Technology and Biotechnology, received ₹. 25,00,000/- (Rupees twenty-five lac only) vide NEFT No. IBKL191218763891 on Bank of Baroda dated 18.12.2019 by Rammohan College of 102/1, Raja Rammohan Sarani, Kolkata-700009 towards BOOST Programme 2017-18 to Procure Equipment's for Infrastructure updation of Research Laboratories and such entire grant of ₹. 25,00,000/- (Rupees Twenty-five lac only) has been fully utilised for the purpose for which it was sanctioned for the period from 18.12.2019 to 30.9.2023.

Kolkata

Date: 18.12.2023

For DDAS & KAMALUDDIN
Chartered Accountants
FRN: 324916E



(SK.Kamaluddin)
Partner
M. No. 058107

UDIN : 23058107BGVYKJ5715



Annexure-A

UTILISATION CERTIFICATE IN RESPECT OF GRANT-IN-AID

No.	Date
1. Name of the Grantee Institute (s) : [Attach separate list for more than one Grantee Institution]	RAMMOHAN COLLEGE
2. Sanctioning Authority	Department of Science & Technology and Biotechnology, Govt. of West Bengal
3. Sanction Order Number & Date :	1087 BT (Estt) /1P-19/2018 dated 24.10.2019
4. Amount Sanctioned :	Rs. 25,00,000/-
5. Drawing & Disbursing Officer :	Principal, Rammohan College
6. Treasury/PAO [From where the bill was drawn] :	PAO-I
7. Bill No. & Date :	-
8. T.V.No. & Date :	-
9. Amount Drawn :	Rs. 25,00,000/-
10. Unspent Balance of Previous year, if any :	Nil
11. Amount Utilised :	Rs. 25,00,000/-
12. Unspent Balance, if any, in Current year :	Nil
13. Purpose of Utilisation :	BOOST Programme 2017-18 to Procure Equipment's for Infrastructure updation of Research Laboratories

CERTIFICATE

Certified that I have satisfied myself that the conditions on which the Grant-in-Aid was sanctioned have been duly fulfilled/are being fulfilled that I have exercised the following checks to see that the money was actually utilised for the purpose for which was sanctioned.

[Applicable in case of unspent balance] The unspent fund will be adjusted against the Grant-in-Aid to be sanctioned and paid in the Current Financial Year (applicable in case of recurring grant only).

Kinds of checks exercised

1. Cash Book
2. Ledger
3. Bills & Vouchers

Date : 18.12.2023



For D DAS & KAMALUDDIN
Chartered Accountants
F.R.N. : 324916E

(SK. Kamaluddin)
Partner
M.No. 058107

Signature with Official Stamp
UDIN: 23058107BGVYKJ5715

RAMMOHAN COLLEGE
102/1, RAJA RAMMOHAN SARANI,
KOLKATA- 700009

SUBJECT : BOOST Programme 2017-18 to Procure Equipments for
Infrastructure updation of Research Laboratories

Receipts and Payments Account for the period from 18.12.2019 to 30.09.2023

Receipts	Amount(₹)	Payments	Amount(₹)
o Grant Received from Government of West Bengal Department of Science & Technology and Biotechnology, "Vigyan Chetana Bhavan" Saltlake, 26/B DD Block, Sector-I, Kolkata - 700064" (vide their sanctioning Memo No.1087 /BT (Estt) 1P-19/2018 dated 24.10.2019) [Vide NEFT No. IBKL191218763891 dated 18.12.2019]	25,00,000.00	By Equipment	20,20,141.00
College Contribution	35,578.00	" Consumables	4,07,000.00
		" Infrastructure Facilities	Nil
		" Networking & Computational Facilities ertc.	1,08,437.00
	25,35,578.00		25,35,578.00

Auditor's Report

We have checked the above Receipts & Payments Account of RAMMOHAN COLLEGE of 102/1, Rammohan Sarani, Kolkata - 700009 for BOOST Programme 2017-18 to Procure Equipments for Infrastructure updation of Research laboratories for the period from 18.12.2019 to 30.09.2023 with the books of account, vouchers maintained and produced before us and the information and explanations given to us and found the same in accordance therewith.

Kolkata

Date : 18.12.2023

S. Sanyal
Principal
Rammoohan College
Kolkata-9



For DDAS & KAMALUDDIN
Chartered Accountants
FRN : 324916E

(SK. Kamaluddin)
Partner
M. No. - 058107
UDIN : 23058107BGVYKJ5715



Phone : 2350-5687
2354-3853
Fax : (033) 2350-5687

RAMMOHAN COLLEGE

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E-mail : rmc.tic85b@yahoo.in, rmc.principal@gmail.com
Accredited B++ Grade by NAAC

Ref.

Date 20 ..

Certificate

Certified that I have satisfied myself that the conditions on which the Grant in Aid was sanctioned have been duly fulfilled and that I have excised the following checks to see that the money was utilized for the purpose for which it was sanctioned.

Kind of Checks exercised

1. Tender in proper procedure
2. Compare preparation in proper procedure
3. Installation and execution in proper procedure

S. Samyal
Principal
Rammoohan College
Kolkata-9



*****End*****