



No: 3528 - 1M - 24 / 2010 (Part - III)

Dated:

26<sup>th</sup> NOV 2019

To  
Dr. Indrila Guha  
Principal,  
Principal, Basanti Devi College,  
147B, Rash Behari Avenue  
Kolkata – 700029

Sub: Work order for the project(s)  
CREATING ENVIRONMENTAL AWARENESS AMONG COLLEGE STUDENTS USING  
PAPER RECYCLING TECHNOLOGY IN KOLKATA

Ref: Your proposal no. 307 dated 20/03/2019 and query response No. 328 dated 25/10/2018

Sir,

With reference to above this is to inform you that the West Bengal Pollution Control Board (WBPCB) is pleased to accept your proposal and award the project work of "CREATING ENVIRONMENTAL AWARENESS AMONG COLLEGE STUDENTS USING PAPER RECYCLING TECHNOLOGY IN KOLKATA" under terms and conditions detailed below.

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1. Duration of project : 16 months.
- 
- 2a. Principal Investigator : Dr. Indrila Guha, Principal, Principal, Basanti Devi College, 147B, Rash Behari Avenue, Kolkata – 700029.
- 2b. Co-Investigator : Dr. Aditi Sarkar, IQAC Co-ordinator, Basanti Devi College, 147B, Rash Behari Avenue, Kolkata – 700029.
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3. Objectives of the project :
- To take care of the waste paper generated in the college in an eco-friendly and useful manner.
  - To make the under graduate and post graduate students aware of the concept of 3R principles – Reduce, Reuse and Recycle of waste papers and thus make the college campus sustainable, eco-friendly and zero-waste zone.
  - To provide hands on training to the students on paper recycling so that a mini paper recycling unit can be set up in the college campus and the end products can be used by the college for various programmes.
  - To train students and teachers of other colleges on paper recycling so that they can also set up paper recycling unit in their respective colleges & use the end products for various events.
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4. Methodology : As mentioned in your above mentioned project proposal.



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5. **Scope of work** :
- (a) 8-10 kg pf paper waste will be handled every month
  - (b) 8-10 recycled paper sheets will be produced per kg of paper waste
  - (c) Users of the recycled paper and products thereof will include the College Administration, Students, Teachers, Non-teaching staff members, Alumni Association and Local Shop Keepers

6. **Submission of reports** :
- (a) A sketch report and a presentation after 12 months of project.
  - (b) Draft final report (in triplicate) with presentation after completion of the project.
  - (c) The final report in three (3) copies of the project should be submitted within one month from the draft presentation. The final report should contain significant findings and a suggestive guideline for implementation of the project outcomes and recommendations.
  - (d) A digital photo-library (in the form of a CD/DVD) documenting the events during the project should also be submitted along with the final report.

7. **Project cost** :
- (a) The total project cost for one year = Rs. 3,00,000/- only (*Rupees Three lakhs Only*).
  - (b) The project cost will be spent as per following schedule:

Items to be procured	TOTAL (INR)
Hydropulper for pulping waste paper of a capacity 1Kg per charge	3,00,000.00
Steel Tank capable of lifting paper of size 11" X 16 "	
Screw Press of size 12" X 18 "	
Tools and accessories consisting of couching tables, couching boards, wooden felts, cotton felts	
Installation and arrangements for utilities like power supply, water systems, etc..	
Miscellaneous	
<b>Total Project Cost</b>	<b>3,00,000.00</b>
<i>(Rupees Three lakhs Only)</i>	

- (c) Total project cost will include all activities under the project as mentioned in this work order and submission of interim reports and final reports as mentioned above.

8. **Terms of payments** :
- Payments will be made in A/c. Payee cheque(s). The PI, in letter of acceptance of this order may please specify the name in which the cheque(s) are to be issued.
  - a) **1<sup>st</sup> installment** of Rs.2,00,000/- will be paid as mobilization advance after receipt of the acceptance of the project work along with duplicate copy of the work order and claim bill for the said amount.
  - b) **2<sup>nd</sup> installment** of Rs.50,000/- will be paid after acceptance of the report of successful installation and operation of the system.
  - c) **3<sup>rd</sup> and final installment** of Rs.50,000/- will be paid after acceptance of the final report.



WEST BENGAL POLLUTION CONTROL BOARD  
10A, Block – LA, Sector – III, Salt Lake, Kolkata – 700098  
Ph: (033) 2335 9088/6731/0281, Fax: (033) 2335 8073/2813

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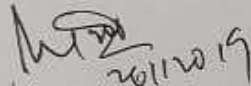
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9. Termination : (a) WBPCB shall have the right to change the scope of work including termination of the work as deemed fit in case of any breach of contract.  
(b) If at any time it is noticed that project is discontinued without prior intimation to the WBPCB, the project may be cancelled without showing any further reason.

- 10 Other Terms & Conditions : (a) In case of dispute, if any, decision of the Member Secretary of the WBPCB shall be final and binding.  
(b) The data, information generated and the instruments/hardware developed through the project being the WBPCB's property, its reproduction for publication or use after the project period in any form will require prior approval from the WBPCB, otherwise the WBPCB may take necessary action.  
(c) The WBPCB has no liability for any recruitment for this project work.

- 11 If you agree to the above terms and conditions, please return to the duplicate copy of this order duly signed and sealed as a token of your acceptance confirming us the date of commencement of this project and other documents as detailed above required for further processing.

Yours faithfully

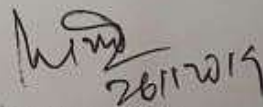
  
(Ujjal Mukhopadhyay)  
Chief Scientist

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Copy forwarded to:

1. PA to Chairman, for intimation
2. PA to Member Secretary, for intimation
3. Prof. RN Majumder, Chairman, R&D Cell, WBPCB
4. Prof. D. Gangopadhyay, Member, R&D Cell, WBPCB
5. Prof. Sampa Chakraborty, Member, R&D Cell, WBPCB
6. Finance & Accounts Manager (Accounts), WBPCB – This has the approval of the competent authority dated 06/03/2019 on n.s.p. \_17\_ respectively in the file 1M – 24 / 2010 (Part-II).
7. Finance & Accounts Manager (Finance), WBPCB – This has the approval of the competent authority dated 06/03/2019 on n.s.p. \_17\_ respectively in the file 1M – 24 / 2010 (Part-II).

  
(Ujjal Mukhopadhyay)  
Chief Scientist