

*13(2)
Project - under
Dr. Sumanta Gupta - Enr. cc*

DST/TMD/EWO/WTI/2K19/EWFH/2019/217(C2)
Government of India Ministry of Science & Technology
Department of Science & Technology (Technology Mission Division)

Technology Bhavan, New Delhi
 Dated: 02/03/2021

Sanction Order

Subject: Financial support for project entitled "Qualitative estimation of subsurface water flow and identification of contaminant mobilization in mining areas using nanomaterials as tracers" submitted by Dr. Sumanta Nayek from Amity University Kolkata, and, The University of Burdwan.

Sanction of the President is hereby accorded to the approval of the above-mentioned project at a total cost of ₹ 45,13,622/- (Rupees Forty Five Lakhs, Thirteen Thousands and Six Hundred Twenty Two Only), for a duration of 3 years. The detailed breakup of the grant for Capital and General Components are given below:

Capital Component: ₹ 11,31,986/-

General Component: ₹ 33,81,636/-

AMITY UNIVERSITY KOLKATA

S.No.	Item head	1st Year	2nd Year	3rd Year	Total
A.	Capital-Non Recurring Cost				
	Vacuum oven	199691	0	0	199691
	Water chiller	194700	0	0	194700
	Muffle furnace	395300	0	0	395300
	Distillation Equipment	194441	0	0	194441
	Portable Hand analyzer for Water and Soil testing	49914			49914
	Sub Total (Capital Cost)	1034046	0	0	1034046
B.	General-Recurring Cost				
	Manpower JRF (01) 31000+ 8% HRA for 1st&IInd years and 35000+ 8% HRA for 3rd year	461280	461280	520800	1443360
	Other cost	100000	75000	100000	275000
	Consumables	100000	100000	200000	400000
	Travel	50000	50000	50000	150000
	Contingencies	50000	50000	50000	150000
	Sub-Total (B)	761280	736280	920800	2418360
C.	Total Cost (A + B)	1795326	736280	920800	3452406
D.	Overhead	179533	589024	92080	345240.6
	Sub Total (General Cost)	940813	1325304	1012880	2763601
E.	G. Total Cost (C + D)	1974859	1325304	1012880	3797647

THE UNIVERSITY OF BURDWAN

S.No.	Item head	1st Year	2nd Year	3rd Year	Total
A.	Capital-Non Recurring Cost				
	Multi-parameter water quality analyzer	97940	0	0	97940
	Sub Total (Capital Cost)	97940	0	0	97940
B.	General-Recurring Cost				
	No manpower Proposed under the Recurement Hed				
	Other cost	0	0	0	0
	Consumables	50000	50000	75000	175000
	Travel	50000	50000	50000	150000
	Contingencies	50000	50000	50000	150000
	Sub-Total (B)	30000	30000	30000	90000
C.	Total Cost (A + B)	180000	180000	205000	565000
D.	Overhead	277940	180000	205000	662940
	Sub Total (General Cost)	22235	14400	16400	53035
E.	G. Total Cost (C + D)	202235	194400	221400	618035
		300175	194400	221400	715975

2. The sanction of the President is also accorded to the release of ₹ 97940/- (Rupee Ninety Seven Thousands Nine Hundred Forty Only) to The University of Burdwan being the first installment of grant under "Capital Component" for implementation of the abovementioned project.
3. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with upto date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
4. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
6. The grant-in-aid being released is subject to the condition that
 - a. A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant.
 - b. While submitting Utilization Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions

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of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
10. The account of the grantee Organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the Organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
13. The expenditure involved is debitable to-
Demand No 87 Department of Science and Technology for the year 2020-21
3425 Other Scientific Research (Major Head)
60 Others
60.200 Assistance to Other Scientific Bodies (Minor head)
70 Innovation, Technology Development and Deployment
70.00.35 **Grant for creation of capital assets for the year 2020-2021**
 (Previous: TDP-3425.60.200.26.01.35- (SERI/WTI))
14. The amount of ₹ 97940/- (Rupee Ninety Seven Thousands Nine Hundred Forty Only) to will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The University of Burdwan. The bank details for electronic transfer of funds through RTGS are given below:-

Name of the Account Holder	The University of Burdwan.
Name of the bank	Bank of India
Branch Address	Burdwan University Branch, Uttar Fatak, B.C. Road, Rajbari.
Agency Code (PFMS)	BURUNIV
IFSC code	BKID0004201
Account Number	420110100019490
MICR No.	713013102

15. Continuation of the project beyond 31/03/2021 will be subject to appraisal and approval of the continuation of the Umbrella Scheme "Innovation, technology Development and Deployment "under which the project is funded.
16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No 424 (TMD,WE) in the register of grants maintained in the Division for the scheme(ITDD).
17. As per Rule 237 of GFR 2017, Time Schedule for submission of annual accounts - The dates prescribed for submission of the annual accounts for Audit leading to the issue of Audit Certificate by the Comptroller and Auditor General of India and for submission of annual report and audited accounts to the nodal Ministry for timely submission to the Parliament are listed below:-
 - (i) Approved and authenticated annual accounts to be made available by the Autonomous Body to the concerned Audit Office and commencement of audit of annual accounts-30th June.
 - (ii) Issue of the final SAR in English version with audit certificate to Autonomous Body/ Government concerned -31st October.
 - (iii) Submission of the Annual Report and Audited Accounts to the Nodal for it to be laid on the Table of the Parliament -31st December.
18. The organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science and Technology should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraph of their Annual Report.
19. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester (www.sciencecentral.in) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.
20. The organization named **The University of Burdwan** and partnering institutes agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India.
21. The goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through Ge Monly.
22. The Organization/Institute/University should ensure that DoE Guidelines followed for International Travel.
23. This issues with the concurrence of IFD Vide their Concurrence Dy. No 5113 dated 17/02/2021


 (Dr. Sanjai Kumar)
 Scientist-D
 Email: Sanjai.k@gov.in

Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
Accounts Section, DST, New Delhi.

IFD, Department of Science & Technology, New Delhi.

Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.

Principal Investigator (PI)

Name: Dr. SUMANTA NAYEK

Designation: Assistant Professor

Department: Department of Environmental Science

Institute/University: AMITY UNIVERSITY KOLKATA

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Co-Principal Investigator (Co-PI)

Name: Dr. Rama Ranjan Bhattacharjee

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Department: Department of Nanotechnology

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Co-Principal Investigator (Co-PI)

Name: Dr. Srimanta Gupta

Designation: Associate Professor

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Institute/University: THE UNIVERSITY OF BURDWAN

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6. Sanction folder
7. Office Copy
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(Dr. Sanjai Kumar)
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