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FILE NO. IMP/2018/001320

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070

Dated: 26-Feb-2019

## ORDER

Domain: Water Resources
Subject: Financial Sanction of the research project titled "A device for bed load
Subject: Financial Sanction of the research project titled "A device for bed load
measurement" under the guidance of Dr. Pranab Kumar Mohapatra, civil engineering, Indian
Institute of Technology, Gandhinagar, Gandhi nagar, (vishwakarma govt. engg. college campus)
chandkheda, ahmedabad, Ahmedabad, Gujarat-382424 and by Prof. Vikrant Jain, Associate
Professor, Earth Sciences, Indian Institute Of Technology, Gandhinagar and by Dr. Biswajit
Mishra, Professor, VLSI And Embedded Research/ICT, Dhirubhai Ambani Institute Of Information
And Communication Technology - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 7669200/- (Rs. Seventy Six Lakh Sixty Nine Thousand Two Hundred Only) with break-up of Rs. 3000000/- under Capital (Non-recurring) head and Rs. 4669200/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 7669200/- has been approved are given below:

O M.	Head	Total (in Rs.)
S. No		
Α	Non-recurring	3000000
1	Equipment -> Acoustic Doppler Velocity meter -> Workstation -> CMOS cameras	
A'	Total (Non-Recurring)	3000000
В	Recurring Items	
1	Recurring - 1 : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1872000 2100000 0
2	Recurring - IV : (Overhead Charges)	697200
B'	Total (Recurring)	4669200
С	Total cost of the project (A' + B')	7669200

- 2. Sanction of the SERB is also accorded to the payment of Rs. 3000000/- (Rupees Thirty Lakh only) under 'Grants for creation of capital assets' and Rs. 1944000/- (Rupees Nineteen Lakh Forty Four Thousand only) under 'Grants-in-aid General' to Dean, Research and Development, Indian Institute of Technology Gandhinagar, Indian Institute Of Technology, Gandhinagar, Gandhi Nagar, (Vishwakarma Govt. Engg. College Campus) Chandkheda, Ahmedabad being the first installment of the grant for the year 2018-2019 for implementation of the said research project.
- 3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Impacting Research Innovation and Technology (IMPRINT-2). (PAC Water Resources & River Systems)
- 4. The Sanction has been issued to Indian Institute Of Technology, Gandhinagar, Gandhi Nagar, (Vishwakarma Govt. Engg. College Campus) Chandkheda, Ahmedabad with the approval of the competent authority under delegated powers on 24 December, 2018 and vide Diary No. SERB/F/11426/2018-2019 dated 21 February, 2019
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( <u>www.serb.gov.in</u>).
- 6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

- 7. While providing operational flexibility among various subheads under head Recurring-II, It should be ensured that not more than Rs. 300000 under Travel and Rs. 300000 under Contingency should be spent.
- 8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- 9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- 10. The release amount of Rs. 4944000/- (Rupees Forty Nine Lakh Forty Four Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	IIT Gandhinagar Project & Consultancy Account
Account Number	1414132000011
Bank Name & Branch	Canara Bank Indian Institute of Technology Gandhinagar Palaj, Gandhinagar - 382355, India
IFSC/RTGS Code	CNRB0005159
Email id of A/C Holder	dean,rnd@iitgn.ac.in
Email id of PI	pranabm@iitgn.ac.in

- 11.The institute will furnish to the SERB separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 13. The project File no, IMP/2018/001320 should be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
- 14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project
- 15. As this is the first grant being released for the project, no previous U/C is required.
- 16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
- 17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Monika Agarwal) Scientist E ms.imprint@gmail.com

To, Under Secretary SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, Illrd Floor I.P. Estate, Delhi- 110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

4.	Dr. Pranab Kumar Mohapatra civil engineering Indian Institute of Technology, Gandhinagar , Gandhi nagar, (vishwakarma govt. engg. college campus) chandkheda, ahmedabad, Ahmedabad, Gujarat-382424 Email: pranabm@iitgn.ac.in Mobile: 917383325735	
	Prof. Vikrant Jain Earth Sciences Indian Institute Of Technology, Gandhinagar	
	Dr. Biswajit Mishra VLSI And Embedded Research/ICT Dhirubhai Ambani Institute Of Information And Communication Technology (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="www.serb.gov.in">www.serb.gov.in</a> .)	
5.	Dean, Research and Development, Indian Institute of Technology Gandhinagar, Indian Institute Of Technology, Gandhinagar, Gandhi Nagar, (Vishwakarma Govt. Engg. College Campus) Chandkheda, Ahmedabad (Receipt of Grant may be intimated by name to the undersigned)	
6.	Secretary, Department of Science & Technology Ministry of Science and Technology Technology Bhavan, New Mehrauli Road, New Delhi-110016 Email: dstsec@nic.in	
7.	Secretary (Higher Education) Ministry of Human Resource Development Shastri Bhavan, New Delhi- 110 001 Email: secy.dhe@nic.in	

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