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SP/21/DCTNSM/2401
GTD/11

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and
Project Investigator, **National Supercomputing Mission (NSM)**

Ref No: DST/NSM/R&D_HPC_Applications/2021/03.37

March 23, 2021

ORDER

Subject:	Financial Assistance of the Project titled Computational investigations of instability driven transport in low temperature magnetized plasma discharges using massively parallel 2D-3v PIC-MCC simulations by Dr. Bhaskar Chaudhury , Associate Professor, ICT and Computational Science, DA-IICT, Gandhinagar, Gujarat, India, Dr. Mainak Bandyopadhyay, Scientific Officer – G, Institute for Plasma Research (IPR), Gandhinagar India, Dr. Kalyan Sashidhar , Associate Professor, ICT, DA-IICT, Gandhinagar, Gujarat, India, approval and release of 1st instalment under NSM R&D-HPC_Applications.
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1. Sanction of the competent authority is hereby accorded to the approval of the above mentioned project, under R&D projects leading to HPC Applications, National Supercomputing Mission (NSM), at a total cost of **Rs. 26,95,120/- (Rupees Twenty Six Lakhs Ninety Five Thousand One Hundred and Twenty Only)**. The project is of duration **two years**. The detailed breakup of the grant for General Components are given below:

Budget Head	Amount in INR Lakhs
Manpower (JRF/SRF/RA; Equivalent or lesser positions admissible as per DST/Institute norms.)	18.4512
Consumables	0.30
National travel	1.50
Other Costs	0
Supercomputing Charges	4.70
Institute Overheads	2.00
Total	26.95120

2. The sanctioned amount has to be used only as per the above-mentioned scheme. Specifically, **no capital equipment can be procured and no maintenance costs for software can be supported from this project**. This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the PI.
3. This sanction is subject to the condition that the grantee organization will furnish to IISc at the below mentioned address, financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) 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 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.
5. The project will be monitored at a period of every six months by a monitoring committee. An up-to-date progress report has to be submitted by the PI at the end of each six month period. If the budget outlay table on page 1 in this sanction letter mentions supercomputing charges, the PI of the project is required to submit monthly utilization for supercomputing related to the project, in terms of CPU core hours and GPU hours, certified by the Facility Manager of the centre in which the supercomputer is used.
6. Additional amount may be released after six months based on project progress and adequate justification.
7. The account of the grantee organization 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 organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
8. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization 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.
9. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
10. The expenditure involved is debitable to SP/DSTO-15-1441 "Mission Management of National Supercomputing Mission".
11. The amount will be disbursed to **Registrar, DA-IICT, Gandhinagar**. The bank details for electronic transfer of funds through RTGS are given below:

1.	Name of the Account Holder	Dhirubhai Ambani Institute of Information and Communication Technology
2.	Name of the Bank	ICICI Bank Ltd., Sector 16
3.	Bank Account Number	016501020911
4.	IFSC Code	ICIC0000165
5.	MICR Code	380229006
12. This sanction has been entered at DST/NSM/R&D_HPC_Applications/Sanction/2021/24 in the register of grants maintained in Supercomputer Education and Research Centre (SERC), Indian Institute of Science (IISc).
13. This issues with the concurrence of Registrar, IISc Vide the Dy.No. R(RO)/ DST/NSM/HPC_Applications/2021-1500 dated March 23, 2021.



(Sathish S Vadhiyar)
Investigator, NSM

To,
The Joint Registrar (Finance), IISc

Copy forwarded for information and necessary action to:

1. **Registrar, IISc**
2. **Finance Controller, IISc**

3. Dr. Bhaskar Chaudhury, Associate Professor, ICT and Computational Science, DA-IICT, Gandhinagar, Gujarat, India	4. The Registrar DA-IICT, Gandhinagar, Gujarat
5. Dr. Mainak Bandyopadhyay, Scientific Officer – G, Institute for Plasma Research (IPR), Gandhinagar India	6. The Registrar Institute for Plasma Research (IPR), Gandhinagar
7. Dr. Milind R Kulkarni Scientist-G Department of Science & Technology Technology Bhavan, New Mehrauli Road New Delhi-110016	8. Dr Arvind Kumar Scientist-G Ministry of Electronics & Information Technology Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110003

6. The Principal Director of Audit, Scientific Departments, IIIrd floor, AGCR Building, I.P. Estate, New Delhi- 110 002.
7. Sanction folder (NSM R&D – HPC_Applications)
8. File copy



(Sathish S Vadhiyar)
Investigator, NSM