

No. NRDMS/01/135/015 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan
New Mehrauli Road
New Delhi-110016.
Dated: 14/10/2016

Sanction Order

Subject: Financial assistance for the research Project entitled: **“Development of Drought Monitoring system in India”** by **Dr. T.P Singh**, Director, Department of Geoinformatics, Symbiosis Institute of Geoinformatics, 5th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016.

Project Investigator: **Dr. T.P Singh**, Director, Department of Geoinformatics, Symbiosis Institute of Geoinformatics, Symbiosis Institute of Geoinformatics, Pune

Co- Investigator-1: Dr. Sandipan Das, Assistant Professor, Symbiosis Institute of Geoinformatics, Symbiosis International University, Pune.; **Co- Investigator-2:** Ms. Vidya Kumbhar, Assistant Professor, Symbiosis International University, Symbiosis Institute of Geoinformatics, Pune.

Sanction of the President is hereby accorded for the implementation of above mentioned project at a total cost of **₹29.978 Lakhs (Rupees Twenty Nine Lakhs Ninety Seven Thousand Eight Hundred Only)** for a period of **Three years**, with breakup of **₹8.48 Lakhs under Capital Head** and **₹21.498 Lakhs under General Head**. The items of expenditure for which the total allocation of ₹21.498 Lakhs has been approved are given below:

Capital Assets(Non-Recurring) : ₹8.48 Lakhs [First year release]

General Components(Recurring) : ₹7.66 Lakhs [First year release]

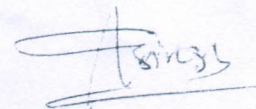
Total cost of the project: ₹29.978 Lakhs

A. Symbiosis Institute of Geoinformatics, Pune

(₹ in Lakhs)

| S.No. | Item | 1 st Year | 2 nd year | 3 rd year | Amount |
|-----------|--|----------------------|----------------------|----------------------|---------------|
| A. | Non-Recurring | | | | |
| 1. | Desktop DELL - 1 | 0.45 | - | - | 0.45 |
| 2. | MATLAB and Simulink Software | 2.97 | - | - | 2.97 |
| 3. | Satellite Climate data (6 scene) | 0.95 | - | - | 0.95 |
| 4. | IMD Meteorology Data | 4.11 | - | - | 4.11 |
| | Total A | 8.48 | - | - | 8.48 |
| B. | Recurring | | | | |
| 1. | Manpower (Project Assistant-1 @ ₹8000 p.m) | 0.96 | 0.96 | 0.96 | 2.88 |
| | 1 JRF @ ₹25000 + 30% HRA/month for 1st and 2nd year & ₹28000 + 30% HRA/month for 3rd year. | 3.90 | 3.90 | 4.368 | 12.168 |
| 2. | Consumables | 0.30 | 0.40 | 0.50 | 1.20 |
| 3. | Travel | 2.00 | 1.00 | 0.75 | 3.75 |
| 4. | Contingency (including misc) | 0.20 | 0.20 | 0.20 | 0.60 |
| 5. | Overhead | 0.30 | 0.30 | 0.30 | 0.90 |
| | Total B | 7.66 | 6.76 | 7.078 | 21.498 |
| | Grand Total (A+B) | 16.14 | 6.76 | 7.078 | 29.978 |

Contd./...



2. The release and disbursement of ₹7.66 Lakhs (Rupees Seven Lakhs Sixty Six Thousand Only) as 1st year release under 'Grant-in-aid General' to Director, Symbiosis Institute of Geoinformatics, Pune through RTGS mode. The required details are as under :

Agency Name : Director, Symbiosis Institute of Geoinformatics, Pune
Account No. : 050310210000025
Bank Name : Bank of India, Karve Road, Pune
Account Type : Savings
IFSC Code : BKID0000503

3. The expenditure involved is debit to Demand No. 077. Department of Science & Technology:
3425 Other Scientific Research (Major Head)
60 Other (Sub Major Head)
60.200 Assistance to other scientific bodies (Minor head)
26 Technology Development Programme
26.01 Technology Development & Transfer
26.01.31 Grants-in-aid for the year 2016-17 (Plan Expenditure- General)
(NRDMS Programme)

4. It is also certified that this is the first sanction for the project and as such the clause related to submission of utilization certificate to PAO is not applicable. It is also certified that there is no UC & SE pending in respect of this grantee institution.

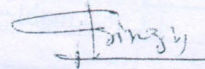
5. The Institute will furnish to the DST, Utilization Certificate and an audited statement of accounts pertaining to the grant immediately released after the end of each financial year.

6. As per rule 212(1) of GFR the accounts of all grantee institution shall be open to inspection by the sanctioning authority and Controller Auditor General of India (CAG)(DPC) Act 1971 and Principal Accounts Office, whenever the institute is called upon to do so.

7. The institute will maintain separate audited accounts for the project in a saving bank account earning interest and the **interest earned should be reported to DST, mandatorily** for receiving the next grant. Guidelines and details for implementing the research project may be followed as per the details given on website www.nrdms.gov.in.

8. For the release of 2nd year grant onwards, PI/Institute is required to upload the UC/SE on cpsms website(<https://pfms.nic.in/>) mandatorily & submit the report of the same alongwith the hard copy of the UC/SE to DST.

9. This sanction issues in exercise of the powers conferred on this Department and in consultation with the IFD vide their Concurrence Diary No. 3983/IFD/2016-17 dated 13.10.2016. The sanction order is entered vide NRDMS S.L. No. 105 in the register of grants.
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(Dr. A.K. Singh)
Scientist 'D'

To

PAO, DST, New Delhi.

Copy forwarded for information and necessary action to:

1. The Director of Audit (CW & M-II), Indraprastha Estate, AGCR Building, New Delhi.
2. Copy with a spare copy of sanction of the Drawing and Disbursing Officer, DST, Cash section for making necessary payment to grantee.
3. IF Division, DST, New Delhi.
4. Accounts Section, DST, New Delhi.
5. Sanction Folder.
6. **Dr. T.P Singh**, Director, Department of Geoinformatics, Symbiosis Institute of Geoinformatics, 5th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016
7. Dr. Sandipan Das, Assistant Professor, Symbiosis Institute of Geoinformatics, Symbiosis International University, 5th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016
8. Ms. Vidya Kumbhar, Assistant Professor, Symbiosis International University, 5th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016
9. Director, Symbiosis Institute of Geoinformatics, Symbiosis International University, 5th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016
10. The HEAD (NRDMS-NSDI), DST, New Delhi


(Dr. A.K. Singh)
Scientist 'D'