



NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS)
G. B. Pant Institute of Himalayan Environment and Development
Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

Ref no: NMHS/SG-2016/019

Date: 31-03-2016

Speed post/ copy by e mail

To,

Prof. Adesh K Saini
Centre of Research on Himalayan Sustainability and Development
Shoolini University of Biotechnology and Management Sciences
Solani (HP)

Subject: Approval of the project entitled "**Post-Fire Management in the Pine Forests of Indian Himalayan Region by studying, conserving and distributing culturable microbial biota to increase ecological succession and to revive forest productivity**".

Sir,

I am directed to convey the approval of the Competent Authority for the above- mentioned project at a total cost of **Rs.40,26,000/- (Rupees Forty lakh twenty six thousand only)** for a period of three years from NMHS, as per the break-up given below:-

| Head | 1st year (in Rs.) | 2nd year (in Rs.) | 3rd year (in Rs.) | Total |
|---|---|---|---|-------------------|
| A. Recurring | | | | |
| (i) Salary: 01 JPF Rs.16,000/- per month + HRA @ 10% for 1st two years and Rs.1,8000/-+ HRA @ 10% for 3rd year | 211200.00 | 211200.00 | 237600.00 | 660000.00 |
| (ii)Travel (Domestic) | 15000.00 | 15000.00 | 15000.00 | 45000.00 |
| (iii) Expendables/ Consumables :(Glassware, Reagents and Plasticwares) | 575000.00 | 500000.00 | 500000.00 | 1575000.00 |
| (iv) Contingency | 10000.00 | 10000.00 | 10000.00 | 30000.00 |
| (v) Institution charges | - | - | 366000.00 | 366000.00 |
| B. Non Recurring | | | | |
| Equipment: 01 Incubator Shaker (Temperature controlled), 01 Deep Refrigerator, 01 | 1350000.00 | - | - | 1350000.00 |

| | | | | |
|--|-------------------|------------------|-------------------|-------------------|
| Spectrophotometer | | | | |
| Total | 2161200.00 | 736200.00 | 1128600.00 | 4026000.00 |
| Grantee Contribution should be equivalent to 5% of project cost | | | | |

2. The approval of the project is subject to incorporation of following points:
- A certificate should be provided by the proponent that this work has not been done earlier (as a mandatory exercise).
 - Project should be implemented with community participation.
 - The roles and responsibilities of each implementing partners should be delineated properly with their budget. The budget allocations to partners should be done in accordance with the MOEF&CC guidelines (Max. 30% for salary, 30% for equipment and 5% contingency). The same should be communicated to NMHS-PMU, GBPIHED before start of project.
 - Every 6 months, project reporting will take place, followed by monitoring and evaluation by the STAG. Monitoring indicators for the project should be able to quantify the difference made on ground.

3. The project objectives, deliverables and monitoring indicators will be as below:

| Project Objectives | Quantifiable Deliverables | Monitoring indicators |
|---|---|---|
| <ol style="list-style-type: none"> 1. Analyze the change in microbial biodiversity and soil properties (binding capacity and erosion ability) in the Pine forest after fire outbreak as compared to the nearby-unaaffected area. 2. Collection, identification and characterization of biofertilizer and biocontrol properties of bacterial and fungal microbes and make their repositories based on their geographical location to serve as feeding-bank to revitalize forest soil upon fire. 3. Involving the local panchayats and community people in the collection process to make them aware of the losses occurred due to fire. 4. Test different ways to apply consortium from the repositories bank to the fire affected areas and analyze its cost-effectiveness, feasibility and improvement in the forest productivity and soil parameters as compared to untreated fields. | <ol style="list-style-type: none"> 1. Model depicting increased the ecological succession after forest fire and reduction in soil loss. 2. Increase in the productivity of forest and nearby agriculture ecosystems. 3. Improved the livelihood of families dependent on milk production. 4. Guidelines/ manual for field replication in other fire affected forest areas of hilly regions. | <p>Monitoring in comparison to the baseline information to be provided by proponent</p> <ul style="list-style-type: none"> • Variation Assessment Report on changes in microbial biodiversity assessment and soil properties in the pine forest under post-fire management and assessment practices (Nos./ species); • Livelihood strengthening and promotion practices/ models tested (Nos.); • Communities engaged in prevention and monitoring program (Nos.); • Women/ beneficiary participation in awareness and outreach programmes (Nos.); • Knowledge products developed and published out of the projects (Nos.). |

4. Sanction for the Competent Authority is also hereby conveyed for the release of **Rs. 21,61,200/- (Rupees Twenty one lakh sixty one thousand two hundred only)** towards Grants-in-Aid to the Competent Authority Centre of Research on Himalayan Sustainability and Development Shoolini

University of Biotechnology and Management Sciences Solan (HP) for the above NMHS project for the financial year 2015-16 (Plan), being 1st installment of grants as per break-up mentioned below.

| Head | Amount |
|--------------------------------------|-------------------|
| A. Recurring | |
| (i) Salary | 211200.00 |
| (ii) Travel | 15000.00 |
| (iii) Expendables/ Consumables | 575000.00 |
| (iv) Contingency : | 10000.00 |
| (v) Institutional charges | Nil |
| B. Non Recurring | |
| Equipment (as per actual cost basis) | 1350000.00 |
| Total | 2161200.00 |

5. The Grants-in-Aid will be regulated in accordance with the provisions contained in the guidelines of the Ministry of Environment, Forest & Climate Change, New Delhi. The Grants-in-aid is also subject to chapter 9 of the General Financial Rules, 2005, as amended from time to time, read with Government of India's decisions incorporated there under and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- I. Separate ledger is maintained for the purchasing of equipments as per the provision of GFRs.
- II. Engagement of staff as per the provision of GFRs and MoEF&CC guidelines given in **Appendix A**. The emoluments for the retired persons hired for the project should not exceed **Rs. 30,000/- consolidated (fixed) per month** as stipulated in the MoEF&CC guidelines.
- III. Expenditure on items other than salary is incurred keeping in view the austerity measures issued on the subject and GFR is followed by the Institute as well as regional office and other agencies receiving funds.
- IV. All account maintained by the concerned Organization will be subject to audit by the C&AG or internal auditors. On termination of the project, statements of accounts duly certified by the Competent Authority of the Organization shall be submitted and the unspent balance, if any, in the funds sanctioned will be refunded to the G. B. Pant Institute Himalayan Environment and Development, Kosi, Katarmal, Almora, Uttarakhand.
- V. No cash payment is made exceeding Rs. 20,000/- to anybody for any expenditure. The taxes and dues are recovered and deposited in Government Account as per law.
- VI. 2nd installment will be considered only after the expenditure of 100% of the first installment release and on receipts of UC as per GFR format along with the Statement of Expenditure (item-wise) and

- signed by the Competent Authority. The UC shall also be verified and signed by Chartered Accountant/Finance Officer along with cash flow statement.
- VII. The UC shall be submitted along with up to date physical progress report (annual/ half yearly) indicating progress made against each objective and quantifiable deliverables, both online and offline, certified by the authorized person, along with data, photographs/satellite pictures, etc.
- VIII. Assets acquired wholly or substantially out of Government grants shall not be disposed of without obtaining the prior approval of the sanctioning authority of Grants-in-aid and separate sheet should be enclosed with details of Assets with cost.
- IX. The accounts of concerned Organization shall be audited by C&AG or by any person/agency authorized by it on its behalf in accordance with the provisions laid down in section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
- X. The internal audit party of the Principal Accounts Office of the Ministry or Department may also inspect the accounts whenever it is called upon to do so.
- XI. Grants-in-aid will be spent exclusively in pursuance of the objectives for the project entitled "**Post-Fire Management in the Pine Forests of Indian Himalayan Region by studying, conserving and distributing culturable microbial biota to increase ecological succession and to revive forest productivity**" as given above and for the purpose it is being sanctioned.
- XII. Grants-in-aid is subject to the Economy Instruction issued from time to time by the Ministry of Finance or by the Competent Authority.
- XIII. The sanction of the grant is subject to the terms and conditions given in **Annexure-I** and signing of bond with NMHS-PMU, GBPIHED in the prescribed format (**Appendix B**). Compliance of all conditions mentioned in the bond and **Annexure I** must be ensured.
- XIV. On the basis of the terms and conditions given in **Annexure-I**, action is being taken up for the drawl of the sanctioned amount of the first installment of the first year's grant during the financial year 2015-16.
- XV. The sanction of the grant is subject to the whole details with nature of work of this project under "NMHS" clearly mentioned in the website of the Grantee Organisation.
- XVI. A separate bank account is to be opened for NMHS Project as per the provision of Direct Beneficiary Account (DBA) as laid out by the Govt. of India and also facilitate the audit of accounts. The interest earned out of the NMHS project funds should be reported clearly in the utilization certificate.
- XVII. The Project commissioned under "National Mission on Himalayan Studies" would be for the **tenure of three years w.e.f. 1.4.2016**. If the project proponent/lead agency is able to produce the desired results after mid-term evaluation/ assessment in terms of measurable and quantifiable deliverables on the ground, the extension can be given for maximum up to 2 years with or without additional grant.
- XVIII. The amount of **Rs. 21,61,200/- (Rupees- Twenty one lakh sixty one thousand two hundred only)** will be drawn by the Drawing and Disbursing officer, G.B. Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora (U.K) and disbursed to the Registrar, Shoolini University of Biotechnology and Management Sciences, Solan (HP) through bank

by ECS. The Grantee organization will open a new account in nationalized bank and send the following details to NMHS-PMU, GBPIHED for release.

Bank name -
Account no- -
IFSC Code -

6. The amount will be debited in the Major Head 3435.03.104.11.04.31 Grant-in-Aid-General- NMHS.

7. Please send your acceptance for the terms and conditions of this sanction letter so that above grant could be transferred to the Head of Implementing Agency through Bank transfer on designated account.

8. Please note that following documents must be submitted to NMHS- PMU, GBPIHED before the start of the project activities.

(i) Quotations for the equipment (S) to be procured.

(ii) Roles and responsibilities of the partners with the budget allocated to them.

(iii) Fair copy of Bond duly signed by authorized person of the grantee organization.

Encl.: **Annexure-I**
Appendix- A & B

Yours Sincerely,



(Er. Kireet Kumar)
Scientist "G" and Nodal Officer NMHS-PMU

Copy to:-

1. The Registrar, Shoolini University of Biotechnology and Management Sciences Solan (HP)
2. Sh. A. K. Das, Deputy Secretary (CS-I), Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, 2nd Floor, Vayu Wing, Jorbagh Road, Aliganj, New Delhi-110 003
3. Finance Officer, G.B. Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora, Uttarakhand.
4. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi
5. Steno to Director, GBPIHED, Kosi-Katarmal, Almora (Uttarakhand)
6. Guard File -NMHS



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Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

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| | | | | |
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(ii) Roles and responsibilities of the partners with the budget allocated to them.

(iii) Fair copy of Bond duly signed by authorized person of the grantee organization.

Encl.: **Annexure-I**
Appendix- A & B

Yours Sincerely,



(Er. Kireet Kumar)
Scientist "G" and Nodal Officer NMHS-PMU

Copy to:-

1. The Registrar, Shoolini University of Biotechnology and Management Sciences Solan (HP)
2. Sh. A. K. Das, Deputy Secretary (CS-I), Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, 2nd Floor, Vayu Wing, Jorbagh Road, Aliganj, New Delhi-110 003
3. Finance Officer, G.B. Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora, Uttarakhand.
4. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi
5. Steno to Director, GBPIHED, Kosi-Katarmal, Almora (Uttarakhand)
6. Guard File -NMHS

RESEARCH PROJECTS INCOME

Group Summary

1-Apr-2018 to 31-Mar-2019

Page 1

| | Closing Balance | |
|--|-----------------|-----------------------|
| | Debit | Credit |
| Grant Compact Muon Solenoid (CMS) Dr. Suneel Dutt | | 15,96,238.00 |
| Grant Deriving-- Products Dr. Neeraj /Dr. Joydeep | | 3,00,000.00 |
| Grant Efficiency ..Collector Dr. Rajesh HIMCOSTE | | 3,25,000.00 |
| Grant in Aid (Ayush) | | 20,00,000.00 |
| Grant in Aid Dr. Adesh K Saini Project (NMHS) | | 10,10,294.00 |
| Grant in Aid NMHS Dr. Saurabh Kulshrestha GBPNIHESD | | 11,99,616.00 |
| Grant In Aid NMHS Dr. Shankharoop Ghosal GBPNIHESD | | 21,14,000.00 |
| Grant In Aid Scrub Typhus DST (Dr. Ankur) | | 11,23,000.00 |
| Grant RGCB Project Dr. Reena Vohra Saini | | 4,50,000.00 |
| Grant Teacher-- Excellence (TARE) Dr. Anirudha | | 2,75,000.00 |
| Grant Tech. Innovation . HIMCOSTE Dr. Nitika Thakur | | 2,85,000.00 |
| MICRO ALGAE ---ENERGY INDIA PVT. LTD. Dr. Saurabh | | 2,88,000.00 |
| Proj. Grant Development of Lead Dr. Radheshyam Rai | | 39,054.00 |
| Grand Total | | 1,10,05,202.00 |

