

SP/YO/058/2017(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(SEED Division)

Technology Bhavan,
New Delhi-110016
Dated: 16/07/2018

ORDER

Sub-Financial assistance for the project titled **"An Economical Approach to Wireless Electricity Generation by Powering Fused Fluorescent Bulb for Rural Electrification"** under the guidance of Ms. Meenakshi Pundir, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun, Uttarakhand-248007.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.33,67,020/- (Rupees Thirty Three Lakh Sixty Seven Thousand Twenty only)** for a duration of three years. The detailed breakup of the grant for General & Capital Components are given below:-

Contribution by DST						Contribution by UPES
S. No.	Proposed Budget Head	1 st year	2 nd year	3 rd year	Total	Total
Capital Assets						
	Fabrication of Prototype	1,25,000/-	-----	-----	1,25,000/-	NIL
A	TOTAL	1,25,000/-	-----	-----	1,25,000/-	
Manpower						
	JRF(01) @ Rs.25,000/- +20% (for first 2 years) and Rs.28,000/- +20% (for 3rd year)	3,60,000/-	3,60,000/-	4,03,200/-	11,23,200/-	NIL
Travel						
	Travel	15,000/-	15,000/-	10,000/-	40,000/-	2,00,000/-
Consumables						
		3,00,000/-	3,00,000/-	3,00,000/-	9,00,000/-	3,50,000/-
Demo/Training Program						
	Demo/Training	25,000/-	25,000/-	50,000/-	1,00,000/-	3,00,000/-
Contingency						
	Contingencies @3%	24,750/-	21,000/-	22,896/-	68,646/-	NIL
Overheads (7% of Above Costs)						
	Overheads	57,750/-	49,000/-	53,424/-	1,60,174/-	NIL
B	Total	7,82,500/-	7,70,000/-	8,39,520/-	23,92,020/-	NIL
Grand Total (A+B)		9,07,500/-	7,70,000/-	8,39,520/-	25,17,020/-	8,50,000/-

[Signature]
16/07/2018

BUDGET BREAK UP

Contribution by DST		Contribution by UPES	Total cost
General Component	Rs.23,92,020/-	Rs.8,50,000/-	Rs.32,42,020/-
Capital Assets	Rs.1,25,000/-	NIL	Rs.1,25,000/-
TOTAL	Rs.25,17,020/-	Rs.8,50,000/-	Rs.33,67,020/-

2. The sanction of the President is also accorded to the release of Rs.7,82,500/-Rupees Seven Lakh Eighty Two Thousand Five Hundred only) to University of Petroleum and Energy Studies, Bidholi Campus, Dehradun, Uttarakhand- 248007 being the first installment of grant under "General Component" for implementation of the above mentioned project.

3. This sanction is subject to the condition that the grantee organization 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 up to 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 organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/ final installment 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

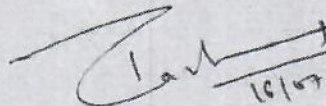
(a) a transparent procurement procedure in line with the Provision of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate&Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. 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. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure&Utilization Certificate. The interest accrued will be dealt as per provision of rule 230(8) of GFR 2017.

8. The provision of rule 230(17)of GFR 2017 should be adhered to regarding provision of reservation for Schedule Castes, Scheduled Tribes or OBC in the post or services under such organization.

9. DST reserves sole rights on the assets 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.


10/07/2014

10. 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.

11. Due acknowledgment 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.

12. Failure to comply with the terms and condition of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

13. The expenditure involved is dubitable to Demand No.84, Department of Science & Technology for the year 2018-19:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodes (Minor Head)
70	:	Innovation, Technology Development and Deployment
70.00.31	:	Grants-in-aid General for the year 2018-19 (Plan)

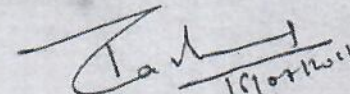
*(Previous:SSP-SEED-3425.60.200.08.11.31)

14. The amount of Rs.7,82,500/-Rupees Seven Lakh Eighty Two Thousand Five Hundred only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **University of Petroleum and Energy Studies, Bidholi Campus, Dehradun, Uttarakhand-248007**. The bank details for electronic transfer of funds through RTGS are given below:-

Institution Account Name	University of Petroleum and Energy Studies, Bidholi Campus, Dehradun, Uttarakhand
Saving Bank Account Number	011594600000224
Name of Bank	Yes Bank
Branch Name	Rajpur Road, Dehradun-248 001
RTGS/IFS Code	YESB0000115

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 28 in the register of grants maintained in the Division for the scheme (**Scheme for Young Scientist and Technologists**).

16. This issues with the concurrence of IFD Vide their Concurrence Dy. No. C/1279/ IFD 2018-19
Dated: 12/07/2018.


(Dr. Rashmi Sharma)
Scientist-'E'
011-26590541

FILE NO. ECR/2017/002945
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: 30-Aug-2018

ORDER

Subject: Financial Sanction of the research project titled "**Ventilation Augmented Supercavitating Turbine (VAST) Technology for Next-Generation Hydropower**" under the guidance of Dr. Ashish Karn, Mechanical Engineering, University of Petroleum and Energy Studies, Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 - 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. 4029930/- (Rs. Forty Lakh Twenty Nine Thousand Nine Hundred and Thirty Only) with break-up of Rs. 2327580/- under Capital (Non-recurring) head and Rs.1702350/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4029930/- has been approved are given below:
The following budget may be considered for University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> High Speed Camera and Optics	2327580
A'	Total (Non-Recurring)	2327580
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	936000 400000
2	Recurring - III : (Overhead Charges)	366350
B'	Total (Recurring)	1702350
C	Total cost of the project (A' + B')	4029930

2. Sanction of the SERB is also accorded to the payment of Rs. 2327580/- (Rupees Twenty Three Lakh Twenty Seven Thousand Five Hundred and Eighty only) under 'Grants for creation of capital assets' and Rs. 567450/- (Rupees Five Lakh Sixty Seven Thousand Four Hundred and Fifty only) under 'Grants-in-aid General' to Chancellor, University Of Petroleum And Energy Studies, Energy Acres, PO Bidholi (Via Prem Nagar Dehradun being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Engineering Sciences)

4. The Sanction has been issued to University Of Petroleum And Energy Studies, Energy Acres, PO Bidholi (Via Prem Nagar Dehradun with the approval of the competent authority under delegated powers on 24 August, 2018 and vide Diary No. SERB/F/6170/2018-2019 dated 29 August, 2018

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

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. 1.5 lakh each should be spent for travel and contingency.

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. 2895030/- (Rupees Twenty Eight Lakh Ninety Five Thousand and Thirty 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	University of Petroleum and Energy Studies
Account Number	SB-011594600000224
Bank Name & Branch	Yes Bank Ground Floor, 56, Rajpur Road, Dehradun
IFSC/RTGS Code	YESB0000115
Email id of A/C Holder	chancellor@upes.ac.in
Email id of PI	akarn@ddn.upes.ac.in

11. The institute will furnish to the SERB, New Delhi, 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. ECR/2017/002945 may also 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, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

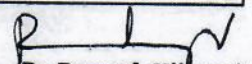
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

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, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Ashish Karn Mechanical Engineering University of Petroleum and Energy Studies, Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 Email: akarn@ddn.upes.ac.in Mobile: 917456062108 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Chancellor, University Of Petroleum And Energy Studies, Energy Acres, PO Bidholi (Via Prem Nagar Dehradun (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in



Revathy Vishwanath
Assistant Director
RP Division Incharge
Tel #011-26716690
E-mail: rpicsr@gmail.com/rpsicssr@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. G-32 /2017-18/ICSSR/RP

Dated: March 28, 2018

The Registrar,
University of Petroleum and Energy Studies
Energy Acres, P.O. Bidholi, Via Prem Nagar
Dehradun – 284007, Uttarakhand

Subject: Sanction of Research Programme entitled "Design Principles of Mini & Micro Hydro Power Projects for Implementing Agencies of Uttarakhand" to Dr. Prasoom Dwivedi.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Programme submitted by Dr. Prasoom Dwivedi, Professor and Assistant Dean, School of Business, University of Petroleum and Energy Studies, Energy Acres, P.O. Bidholi, Via Prem Nagar, Dehradun – 284007 Uttarakhand. Co-Project Directors of the study are: Dr. Alka Dwivedi, School of Business, University of Petroleum and Energy Studies, Energy Acres, P.O. Bidholi, Via Prem Nagar, Dehradun - 284007, Uttarakhand. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
2. The ICSSR has sanctioned a grant-in-aid of Rs.08,00,000/- (Rupees Eight lakhs only) for the above research project and the grant will be released as follows:

First instalment	:Rs.02,00,000/-
Second instalment	: Rs.02,00,000/-
Third instalment-Partial	: Rs.01,60,000/-
Third remaining	:Rs.40,000/-
Fourth Instalment	: Rs.01,60,000/-
Publication cost*	: Rs.40,000/-
Total	:Rs. 08,00,000/-

Overhead charges @ 5% or Rs.1,00,000/-** whichever is lesser.

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

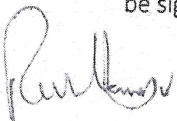
**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.,08,00,000/- is enclosed.)

3. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
4. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

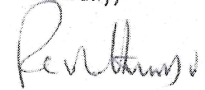
Revathy

- a. If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
 - b. If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
5. The Second instalment will be released after receiving a satisfactory nine monthly/Annual Progress Report, simple statement of accounts of the first instalment along-with signed copy of the minutes of the Advisory Committee set up by the ICSSR. (Depending upon the duration of the Project).
6. The Third instalment of 20% will be released after receiving the second Progress Report (18 months), simple statement of accounts of second instalment along-with signed copy of the minutes of the Advisory Committee. Remaining 5% of the third instalment will be released after receiving Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (three) and the statement of account of the third instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
7. The scholar should acknowledge support of ICSSR that the project has been sponsored by the ICSSR, in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
8. The Fourth instalment will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 19A form for the entire project amount duly signed by the Finance Officer/Registrar/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.
9. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation overhead charges @5% of the total expenditure or Rs.1,00,000/- whichever is lesser, incurred on the project only after successful completion of the project.
10. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
11. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.



12. The Director of the research project will be Dr. Prasoom Dwivedi, who will be responsible for its completion within 24 Months from the date of commencement of the project, which is 01/05/2018, as intimated by the scholar.
13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.
14. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
15. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Projects scheme (Research Programme) available in the ICSSR website www.icssr.org.
16. The expenditure on this account is debatable to the Budget Head-B Programmes Research Programme-Plan General. (09) Grant-in-aid for RPS.
17. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

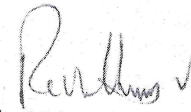


(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr. Prasoom Dwivedi
Professor and Assistant
Dean, School of Business
University of Petroleum and Energy Studies
Energy Acres, P.O. Bidholi, Via Prem Nagar
Dehradun - 284007, Uttarakhand
2. Dr. Alka Dwivedi
Assistant Professor
Globe Advisory Council, GAFM, USA
School of Business, University of Petroleum and Energy Studies
Energy Acres, P.O. Bidholi, Via Prem Nagar
Dehradun - 284007, Uttarakhand
3. Finance Branch, ICSSR, New Delhi
4. Record file



(Revathy Vishwanath)
For MEMBER-SECRETARY

PROJECT BUDGET

Title: Design Principles of Mini & Micro Hydro Power Projects for Implementing Agencies of Uttarakhand
Dr. Prasoom Dwivedi

S.No	Expenditure Head	Percentage Allocation to Total Budget of the Study	Actual Value as per the Study (In Rs.)
1	Research Staff Full time/Part-time/Hired Services	Not exceeding 45% of the total budget.	3,60,000
2	Fieldwork Travel/Logistics/Boarding, etc.	Not exceeding 30%	2,40,000
3	Equipment Computer, printer etc. Books/Journals/ Source Material/Software and Data Sets, etc.	Not exceeding 15%	1,20,000
4	Contingency	Not exceeding 5%	40,000
5	Publication of Report*	5%	40,000
6	Total	100%	8,00,000
	Overhead Charges @7.5	7.5%	60,000

*The five percent (5%) publication amount will be spent by the ICSSR Publication Division if the final report is found publishable by an Expert Committee constituted by the ICSSR.

➤ Remuneration and Emoluments of Project Staff (applicable to Major Projects only)

Project staff could be engaged by the Project Director/Coordinator on a full/ Part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules.

Research Associate @Rs.16, 000/- p.m. (Qualification – MA (55% minimum) with NET or MA (55% minimum) with M.Phil./Ph.D.)

Research Assistant @Rs.13, 000/- p.m. (Qualification-Ph.D./M.Phil./M.A with minimum 55%)

Field Investigator @ Rs.12, 000/-p.m. (not exceeding 6 months) (Qualification-M.A with minimum 55%).

- (Retrospective payment for work already done is not permissible).
- The Institution may re-appropriate expenditure from one head to another (except publication of report) subject to a maximum of 10 % with the prior approval of ICSSR.
- Selection of Research Staff should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department of the Project Director duly approved by the competent authority.



PROGRAMME BUDGET

Title: Hate Crimes -- Prejudices and Violence Faced by People From North Eastern States and



डा० विनय शर्मा

सह० प्राध्यापक

Dr. VINAY SHARMA

Associate Professor

भारतीय प्रौद्योगिकी संस्थान, रुड़की

प्रबन्ध अध्ययन विभाग

रुड़की - 247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

DEPARTMENT OF MANAGEMENT STUDIES

ROORKEE - 247 667, UTTARAKHAND, INDIA

Tel. : +91-01332 - 285175

Fax : +91-01332-285565, 273560

E-mail : vinnu871@gmail.com, vinayfdm@iitr.ac.in

Date: March 15, 2019

To

The Vice Chancellor

University of Petroleum and Energy Studies

Dehradun

Uttarakhand

Sub: Regarding a Joint Project.

Dear Dr. Jha,

Greetings from IIT Roorkee.

It gives me immense pleasure to inform you that National Mission on Himalayan Studies (NMHS) has sanctioned us a project titled "Socio-Economic Value Creation through Forest Bio-Residue Based Energy Generation in alignment with the UN's SDGs". This project was jointly conceived by our team here at Indian Institute of Technology (IIT) Roorkee and Professor Prasoom Dwivedi of your University. Funded by National Mission on Himalayan Studies this has been awarded as a pilot project to develop the complete value chain for the utilization of forest bio residue (especially pine needles) as a source of low cost energy along with for addressing the problems of forest fire and livelihood generation for local people apart from other elements. The total project outlay sanctioned just for the cost elements of the project is Rs. 9080000. This outlay does not have any remuneration for the project investigators and the project team from IIT and UPES.

After detailed deliberations on the foreseen shape and the desired objectives of the project, a team of academicians from School of Business and School of Engineering of UPES is getting involved for their specific roles according to their areas of expertise. The team comprises Professor Prasoom Dwivedi as the Team Lead, alongwith Dr. Pankaj Kumar Sharma, Dr. Alka Dwivedi and Dr. Anita Sengar.

The activities to be performed as required by this project include field visits, data collection, focused group discussions, interviews, machine distribution, developing training modules, delivering training programs, creating value chain, community engagements, market development and preparing reports etc.

Team members will be supported with requisite resources as per the policies of IIT Roorkee on reimbursement basis.

I am sure this joint effort will bring in excellent results and we will be able to create appreciable marks.

With regards,

Vinay 15/3/19
Dr. Vinay Sharma

Principal Investigator for the Project



NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS)
G.B. Pant National Institute of Himalayan Environment and Sustainable Development (GBPNIHESD)
Kosi-Katarmal, Almora - 263643, Uttarakhand, India

Ref. No.: GBPNI/NMHS-2018-19/MG 3

Date: 21-01-2019

To,

Dr. Vinay Sharma
Indian Institute of Technology
Roorkee, Uttarakhand-247667

Subject: Approval of the Medium Grant (MG) for the project entitled "**Socio-Economic Value Creation through Forest Bio-Residue Based Energy Generation in alignment with the UN's SDGs**"

Sir,

I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs. 90,80,000.00 (Rupees: Ninety Lakh Eighty Thousand Only)** for a period of One year, as per the break-up given below:-

Head	Total grant for one year	Only 90% grant is released in 1st installment
A. Recurring		
(i) Salary: 02 JRF @ 25,000/- per month for one year. 01 Project Assistant/ Research Assistant @ Rs.20,000/- per month for one year. 01 Attendant @ Rs.10,000/- per month for one year.	960000.00	864000.00
(ii) Travel(Domestic):	1400000.00	1260000.00
(iii) Consumables:	Nil	Nil
(iv) Contingency:	485000.00	436500.00
(v) Activities & other project cost: Training Program (Capacity Building) and Brainstorming sessions/ FGDs/ Meetings, Field Facilitators, Incentivizing Technology, Hiring charges of Field staff, Casual Labour and Experts.	4610000.00	4149000.00
(vi) Institutional charges/ Overhead:	500000.00	450000.00
B. Non Recurring		
(i) Equipment: Briquette Machines- 25 nos and EE Stoves-100 nos.	1125000.00	1012500.00
Grand Total A+B	9080000.00	8172000.00

2. The approval of the project is subject to incorporation of following points:

- The project should be implemented as a pilot project in selected cluster of villages focusing on SC community and weaker sections.
- While implementation, execute the project developing as an exemplary Replicable Model, intensively carried out in particular one cluster of villages in the target district to show the impact of the technology induction.
- A report based on baseline data should be submitted by the project proponent in the **1st quarter of the project** since the initiation of the project, and quantification of improvement in economic status of beneficiaries against baseline should be specified. The PI must also submit the baseline data, past work done and **all the supporting data generated** under the NMHS Project along with the quarterly progress report to NMHS-PMU.

- A Certificate should be provided that this work is not the repeat of earlier work (as a mandatory exercise).
- 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, before start of the project.
- The Periodic Progress Report of the NMHS Project needs to be submitted and updated on the Online Portal of the NMHS (<http://nmhsportal.org>) by the PI/ Project Proponent **on Quarterly basis** consistently. Monitoring indicators for the project should be able to quantify the difference made on ground.
- On completion of the study, a Seminar/ Conference/ Workshop should essentially be organized by the PI/ Proponent to discuss and disseminate the findings among the experts and concerned beneficiaries/stakeholders.

3. The Project Objectives, Quantifiable Deliverables and Monitoring Indicators are as follows:

Project Objectives	Quantifiable Deliverables	Monitoring Indicators
<ul style="list-style-type: none"> • To promote social entrepreneurship among rural youths of hill region • Providing means of livelihood based upon forest bio-residue which can support Bio-briquette Industry through Technology Intervention. • Developing Value Chains including market access. • Database management and value chain integration through ICT platform • Understanding the key issues related to conservation as well as enhancement and sustainable management of indigenous green technologies in the Himalayan region. • To digitize various green technologies intervention suggested above for wider dissemination using MOOC 	<ul style="list-style-type: none"> • Self-Sustainable Value Chain Model for effective usage of forest bio waste i.e. Chir-pine using portable bio-briquette machine. • Database development for E-governance Model with IT application for complete value chain. • Providing Cheaper, Cleaner and accessible energy solutions to 100 families. • Augmenting rural incomes and employment generation for in a village cluster of SC/ST and women community through technology interventions. • Training and capacity building to 100 people on technical intervention. 	<ul style="list-style-type: none"> • Number of Self-Sustainable Value Chain Model developed (Nos.) • Organized the training and Capacity building programmes for rural youths (Nos.) • Number of SC/ST and woman community benefitted (Nos.) • No of bio-briquette machines and efficient stoves demonstrated • No. of Reports/Research articles/Policy documents prepared and published (Nos.)

4. Sanction of the Competent Authority is also hereby conveyed for the release of **Rs. 81,72,000.00 (Rupees: Eighty One Lakh Seventy Two Thousand Only)** towards Grants-in-Aid to **Director, Indian Institute of Technology, Roorkee, Uttarakhand-247667** for the aforementioned NMHS-MG project for the Financial Year 2018-19 Plan/recurring being the 1st installment of grants as per the following break-up.

Expenditure Head	Amount (INR)
A : Recurring (as Above)	
(i) Salary	864000.00
(ii) Travel	1260000.00
(iii) Consumables:	Nil
(iv) Contingency:	436500.00
(v) Activities & other project cost(as above):	4149000.00
(vi) Institutional charges/Overhead:	450000.00
B. Non Recurring	
(i) Equipment(as above):	1012500.00

Total A+B	8172000.00
------------------	-------------------

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 (GFRs), 2017, 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. A separate ledger is maintained for the purchasing of equipments/Instruments 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 G.B. Pant National Institute of Himalayan Environment and Sustainable 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. The 2nd installment will be considered only after the expenditure of 80% of the 1st installment released and on submission of the latest UC as per GFR format along with the Statement of Expenditure (item-wise) and signed duly by the Competent Authority. The UC shall also be verified and signed by the Chartered Accountant/Finance Officer along with the cash flow statement.
 - VII. The UC shall be submitted along with up-to-date physical progress report (annual/ half yearly/quarterly) indicating progress made against each objective and quantifiable deliverables, both online on NMHS web portal <http://nmhsportal.org> and offline hardcopy *via* speed post, 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 a 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. The Grants-in-aid will be spent exclusively in pursuance of the objectives for the project entitled "**Socio-Economic Value Creation through Forest Bio-Residue Based Energy Generation in alignment with the UN's SDGs**" as given above and for the purpose it is being sanctioned.
 - XII. The Grants-in-aid is subject to the Economy Instruction(s) issued from time-to-time by the Ministry of Finance or by the Competent Authority.
 - XIII. The sanction of the NMHS grant is subject to compliance with the Terms and Conditions given in **Annexure-I** and duly signing of the Bond with NMHS-PMU 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 drawal of the sanctioned amount of the first installment of the first year's grant during the Financial Year 2018-19.
- XV. The sanction of the grant is subject to the whole details with nature of work of this project under "National Mission on Himalayan Studies (NMHS)" clearly mentioned in the website/all knowledge products of the Grantee.
- XVI. A **separate saving bank account** is to be opened for NMHS Project as per the provision Direct Beneficiary Account (DBA) as laid out by the Govt. of India, with facilitation of the audit of accounts as and when required. The interest earned out of the NMHS project Grant should be reported clearly in the latest Utilization Certificate (UC).
- XVII. The Project commissioned under "National Mission Himalayan Studies-Medium Grant" would be for the **tenure of one year w.e.f. 01.02.2019**. 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.
- XVIII. As per the directive of the Govt. of India, the implementing agency should be registered online on **Public Financial Management System (PFMS)**. After registration on the PFMS (accessible at <https://pfms.nic.in/Users/LoginDetails/NewlayoutLogin.aspx>), please provide the Unique Code for further needful.
- XIX. The amount of **Rs. 81,72,000.00 (Rupees: Eighty One Lakh Seventy Two Thousand Only)** will be drawn by the Drawing and Disbursing Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora (U.K.) and disbursed to **Director, Indian Institute of Technology, Roorkee, Uttarakhand-247667** through bank by ECS. The Grantee will open a **new saving Bank Account** in a nationalized bank and send the following details to NMHS-PMU for release of the NMHS Grant.
- | | |
|----------------|---|
| Bank Name | - |
| Account No. | - |
| IFSC Code | - |
| Account Holder | - |

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 with the Terms and Conditions of this NMHS Grant sanction letter so that aforementioned grant could be transferred to the Head of Implementing Agency through Bank transfer on the designated account.

8. Please note that following documents must be submitted before the start of the project activities.

- 1. Quotations for the equipments/instruments to be procured.**
- 2. Roles and responsibilities of the partners with the budget allocated to each of them.**
- 3. Original copy of Bond duly signed by authorized person of grantee (Rs. 100 stamp paper)**

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

Yours Sincerely,



(Kireet Kumar)
Scientist 'G' & Nodal Officer
NMHS-PMU, GBPNIHESD

Copy to:

1. Director, Indian Institute of Technology, Roorkee, Uttarakhand-247667
2. Dr. Subrata Bose, Director, Mountain Division, CS-I, 2nd Floor, Vayu Wing, Indira Paryavaran Bhavan, Ministry of Environment Forest & Climate Change, Govt. of India, Jorbagh Road, New Delhi-110003
3. PS to Director, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
4. Finance Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
5. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi
6. Guard File – NMHS.