



FILE NO. CRG/2019/004139
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)

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

Dated: 21-May-2020

ORDER

Subject: Financial Sanction of the research project titled "Invasion biology of *Ageratina adenophora* and solutions for restoring ecosystem processes in Kumaun Himalaya, Uttarakhand" under the guidance of Dr. KIRAN BARGALI, Department of Botany, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 and by Prof. SURENDRA SINGH BARGALI, Professor, Department Of Botany, Kumaun University, 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. 4622332/- (Rs. Forty Six Lakh Twenty Two Thousand Three Hundred and Thirty Two Only) with break-up of Rs. 2500000/- under Capital (Non-recurring) head and Rs. 2122332/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4622332/- has been approved are given below:

| S. No | Head | Total (in Rs.) |
|-----------|--|----------------------------|
| A | Non-recurring | |
| 1 | Equipment -> Soil corer, Total Nitrogen/Phosphorus/Total organic Carbon Analyser, GPS, Double distillation unit | 2500000 |
| A' | Total (Non-Recurring) | 2500000 |
| B | Recurring Items | |
| 1 | Recurring - I: (Manpower) Recurring - II: (Consumables, Travel, Contingencies) Recurring - III: Scientific Social Responsibility | 1257120 925000 20000 |
| 2 | Recurring - IV: (Overhead Charges) | 420212 |
| B' | Total (Recurring) | 2122332 |
| C | Total cost of the project (A' + B') | 4622332 |

2. Sanction of the SERB is also accorded to the payment of Rs. 2500000/- (Rupees Twenty Five Lakh only) under 'Grants for creation of capital assets' and Rs. 720770/- (Rupees Seven Lakh Twenty Thousand Seven Hundred and Seventy only) under 'Grants-in-aid General' to Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT being the first installment of the grant for the year 2020-2021 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 Core Research Grant, (Organismal and Evolutionary Biology(Plant Sciences))

4. The Sanction has been issued to Kumaun University, Ayarpatta, Nainital, UT with the approval of the competent authority under delegated powers on 20 May, 2020 and vide Diary No. SERB/F/131/2020-2021 dated 21 May, 2020

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

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of Rs. 3220770/- (Rupees Thirty Two Lakh Twenty Thousand Seven Hundred and Seventy 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.

Dr. Kiran Bargali, 21/05/2020

| | |
|------------------|-------------------------------------|
| PFMS Unique Code | RJNA0000040 |
| Account Name | Finance Office, K U Projects Scheme |
| Account Number | 10860839791 |

The Electronic Project Proposal Management System, For SERB

13. 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.
14. The project File no. CRG/2019/004139 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
15. 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.
16. As this is the first grant being released for the project, no previous U/C is required.
17. 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.
18. 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.
19. In addition, the investigator/hoot 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. Shilpi Paul)
Scientist E
ms_pg@serbonline.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. | <p>Dr. KIRAN BARGALI Department of Botany, Kumaun university, Nainital Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: kiranbargali@yahoo.co.in Mobile: 919458939856</p> <p>Prof. SURENDRA SINGH BARGALI Department Of Botany Kumaun University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in)</p> |
| 5. | <p>Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p> |

(Dr. Shilpi Paul)
Scientist E
ms_pg@serbonline.in

FILE NO. CRG/2019/004139
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 20-Dec-2021

ORDER

Subject: Research project entitled **'Invasion biology of Ageratina adenophora and solutions for restoring ecosystem processes in Kumaun Himalaya, Uttarakhand'** under the guidance of Dr. KIRAN BARGALI, Department of Botany, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 and by Prof. SURENDRA SINGH BARGALI, Professor, Department Of Botany, Kumaun University.

1. This is in continuation of SERB's sanction order No. "CRG/2019/004139" dated "21 May, 2020" of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants-in-aid General' to **Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT** being the 2nd grant for the financial year 2021-2022 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 2630292/-** (Rupees Twenty Six Lakh Thirty Thousand Two Hundred and Ninety Two only) (Recurring Rs. 279862 and Non-Recurring Rs. 2350430) to Kumaun University, Ayarpatta, Nainital, UT from FY 2020-2021 to FY 2021-2022 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debit to **Fund for Science & Engineering Research (FSER)**. **This release is being made under Core Research Grant. (Organismal and Evolutionary Biology(Plant Sciences))**
7. The Sanction has been issued to Kumaun University, Ayarpatta, Nainital, UT with the approval of the competent authority under delegated powers on **24 November, 2021** and vide Diary No. **SERB/F/4611/2021-2022** dated **25 November, 2021**
8. The release amount of **Rs. 700000/-** (Rupees Seven Lakh only) (Recurring Rs. 700000 and Non-Recurring Rs. 0) 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:

| | |
|------------------------|--|
| PFMS Unique Code | KUNRDMS |
| Account Name | Finance Officer, K U Projects Scheme |
| Account Number | 10860839791 |
| Bank Name & Branch | State Bank of India Nainital The Mallital Nainital |
| IFSC/RTGS Code | SBIN0000687 |
| Email id of A/C Holder | Deepakjuly1980@gmail.com |
| Email id of PI | kiranbargali@yahoo.co.in |

9. 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.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

FILE NO. SPG/2021/001439

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: 18 August, 2021

ORDER

Subject: Financial Sanction of the research project titled **Elucidation of anti-inflammatory and epithelial-mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya** under the guidance of Dr. Penny Joshi, Chemistry, Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 and by Dr. Santosh Kumar Upadhyay, Assistant Professor, Biotechnology, Kumaun University - 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. 2949628/- (Rs. Twenty Nine Lakh Forty Nine Thousand Six Hundred and Twenty Eight Only) with break-up of Rs. 790000/- under Capital (Non-recurring) head and Rs. 2159628/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2949628/- has been approved are given below:

The following budget may be considered for Kumaun University, Ayarpatta, Nainital, UT

| S.No | Head | Total (in Rs.) |
|------|---|----------------------------|
| A | Non-recurring | |
| 1 | Equipment -> Microplate reader | 790000 |
| A' | Total (Non-Recurring) | 790000 |
| B | Recurring Items | |
| 1 | Recurring - I : (Manpower), Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility | 816480 1055000 20000 |
| 2 | Recurring - IV : (Overhead Charges) | 268148 |
| B' | Total (Recurring) | 2159628 |
| C | Total cost of the project (A' + B') | 2949628 |

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

3. 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.

4. 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.

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. 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.

7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

8. 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.

9. 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.

10. 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.

11. 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.

12. The project File no. SPG/2021/001439 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing institute.

Monika Agarwal

(Dr. Monika Agarwal)
Scientist F
monika@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, 11th Floor I.P Estate, Delhi-110002 |
| 2. | Sanction Folder, SERB, New Delhi. |
| 3. | File Copy |
| 4. | <p>Dr. Penny Joshi Chemistry Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263802 Email: penny.joshi@gmail.com Mobile: 917409372939</p> <p>Dr. Santosh Kumar Upadhyay Biotechnology Kumaun University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p> |
| 5. | <p>Vice chancellor, Kumaun University, Ayarpatta, Nainital, UT</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p> |

Monika Agarwal

(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

FILE NO. SPG/2021/001439-G
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: 18 August, 2021

ORDER

Subject: Research project entitled **Elucidation of anti-inflammatory and epithelial-mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya** under the guidance of Dr. Penny Joshi, Chemistry, Kumaun University, Ayarpatta, Nainital, Ut, Nainital, Uttarakhand-263002 and by Dr. Santosh Kumar Upadhyay, Assistant Professor, Biotechnology, Kumaun University.

1. In continuation of SERB's sanction order No. SPG/2021/001439 dated 18 August, 2021, sanction of the competent authority is hereby accorded to the payment of **Rs. 732000/-** under 'Grants-in-aid General' to Kumaun University, Ayarpatta, Nainital, Ut, Nainital, Uttarakhand-263002 being the grant for the financial year 2021-2022 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 18 August, 2021.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under SERB POWER Grant (General).
5. The Sanction has been issued with the approval of the competent authority on 22 July, 2021 and vide Diary No. SERB/F/1610/2021-2022 dated 22 July, 2021.
6. The release amount of **Rs. 732000/-** (Rupees Seven Lakh Thirty Two 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:

| | |
|------------------------|--|
| PFMS Unique Code | KUNRDMS |
| Account Name | Finance Officer, KU Project and scheme |
| Account Number | 10850839791 |
| Bank Name & Branch | State bank of India The Mallital, Nainital |
| IFSC/RTGS Code | SBIN0006687 |
| Email id of A/C Holder | deepakjuly1980@gmail.com |
| Email id of PI | penny.joshi@gmail.com |

Monika Agarwal

(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

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| 2. | Sanction Folder, SERB, New Delhi. |
| 3. | File Copy |

| | |
|----|---|
| | <p>Dr. Penny Joshi Chemistry Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: penny.joshi@gmail.com Mobile: 917409372939</p> <p>Dr. Santosh Kumar Upadhyay Biotechnology Kumaun University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p> |
| 5. | <p>Vice chancellor, Kumaun University, Ayarpatta, Nainital, UT</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p> |

Monika Agarwal

(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

F.No. DST/TM/WTI/WIC/2K17/82(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Mission Division)

Technology Bhavan, New Delhi
Dated: 23.10.2018

Corrigendum

Subject: Financial support for project entitled "Centre for Sustainable Treatment, Reuse and Management for Efficient, Affordable and Synergistic solutions for Water (WATER-IC for SUTRAM of EASY WATER)" submitted by PI - Prof. Ligy Philip and Co-PI - Dr. T. Pradeep Indian Institute of Technology Madras, Chennai.

In continuation of the sanction order of even number dated 09.10.2018, PI is Prof Ligy Philip and Co-PI is Dr. T. Pradeep and the items of expenditure table of the above sanction may be read as:

| SNo | Item | Amount in Rs. (Lakhs.) | | | | | Total |
|-----|--|------------------------|----------------------|----------------------|----------------------|----------------------|----------|
| | | 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | 5 th Year | |
| A | i. Capital-Equipment | | | | | | |
| | a. IIT Madras (pg-239-243/c) | | | | | | |
| | 1). HPLC (pg. 580/c) | 25.21056 | | | | | 25.21056 |
| | 2). Submerged Membrane Reactor (pg. 602/c) | 6.0652 | | | | | 6.0652 |
| | 3). Lab Test Skid For MBR With Peristaltic Pump (pg. 584/c) | 4.2716 | | | | | 4.2716 |
| | 4). ORP&Cyberscan PCD 850 (pg. 592/c) | 3.28954 | | | | | 3.28954 |
| | 5). Ammonia, Nitrate, BOD,COD Sensors (pg. 595/c) | 13.50 | | | | | 13.50 |
| | 6). Multi Profile Soil Moisture Recording Kit (pg. 672/c) | 1.02 | | | | | 1.02 |
| | 7). Pulse Power Unit (pg. 626/c) | 30.00 | | | | | 30.00 |
| | 8). Sensors,actuators - Burkert (pg. 605/c) | 5.22138 | | | | | 5.22138 |
| | 9). Oscilloscope Industrial PC with fittings, Server, hard disk, monitor and network | 6.10934 | | | | | 6.10934 |
| | 10). Campbell Scientific Automatic Weather Station (pg. 683/c) | 4.75954 | | | | | 4.75954 |
| | 11). Onset Hobo Water Level Datalogger - U20L-04 (pg. 628/c) | 4.34936 | | | | | 4.34936 |
| | 12). fiberglass reinforced plastic (FRP) improved Cut Throat flume (pg. 625/c) | 1.84481 | | | | | 1.84481 |
| | 13). Biolab - Centrifuge 5430R (pg. 782/c) | 6.44765 | | | | | 6.44765 |
| | 14). Biolab - Class II Type A2 Biological 1 Cabinet (pg. 775/c) | 6.28997 | | | | | 6.28997 |
| | 15). Biolab - BOROSIL pipettes (pg. 785/c) | 0.22567 | | | | | 0.22567 |
| | 16). Biolab - Ecogain Incubator (pg. 773/c) | 1.83010 | | | | | 1.83010 |
| | 17). WQ analysis - Eutech electrodes and reader unit (pg. 754/c) | 5.2202 | | | | | 5.2202 |

| | | | | | |
|---|------------------|--|--|--|------------------|
| 18). Ion chromatograph with additional detectors and accessories (pg. 580/c) | 10.00 | | | | 10.00 |
| 19). Miniature Production Unit (pg. 767/c) | 19.50 | | | | 19.50 |
| 20). Merck - Spectroquant® Prove 300 with accessories for water quality analysis | 5.75 | | | | 5.75 |
| 21). Perkinelmer Gas chromatograph (pg. 787/c) | 44.1561 | | | | 44.1561 |
| Sub-total | 205.06102 | | | | 205.06102 |
| b. VIT Chennai | | | | | |
| 1). 3 L lab scale SBR with process control (pg. 686 - 689/c) | 8.925 | | | | 8.925 |
| 2). 1000 L Pilot scale SBR with limited process control (pg. 684/c) | 4.83 | | | | 4.83 |
| 3). Laboratory orbital shakers with accessories (refrigerated (2 nos.) non refrigerated (1 no)) (pg. 674-676/c) | 8.21645 | | | | 8.21645 |
| 4). Magnetic stirrers 5L (3 nos.) and 10 L capacity 3 (Nos) (pg. 682-683/c) | 2.3364 | | | | 2.3364 |
| 5). ORP measurement probe and meter (including micro probe) | 1.500 | | | | 1.500 |
| Sub-total | 25.80785 | | | | 25.80785 |
| c. IIT Tirupati | | | | | |
| 1). Compact Tube Furnaces from NABERTHERM GmbH, Germany (pg. 702-703/c) | 8.82781 | | | | 8.82781 |
| 2). Magnetic Stirrer From Cole-Parmer (pg. 706/c) | 2.58767 | | | | 2.58767 |
| 3). Sonicator From Cole-Parmer (pg. 709/c) | 8.77830 | | | | 8.77830 |
| Sub-total | 20.19378 | | | | 20.19378 |
| d. Anna University | | | | | |
| 1). YSI PRODSS (pg. 762/c) | 7.20164 | | | | 7.20164 |
| e. PRIST | | | | | |
| 1). HPLC system with UV-VIS Detector (pg. 700/c) | 10.03 | | | | 10.03 |
| f. CLRI | | | | | |
| 1). Bioreactor for Online Monitoring of Carbon and Nitrogen removal (pg. 696-698/c) | 11.55 | | | | 11.55 |
| 2). Portable Analyzer (pg. 690-692/c) | 5.244 | | | | 5.244 |
| 3). Multi Parameter Water Analysis Kit (pg. 746-752/c) | 8.500 | | | | 8.500 |
| Sub-total | 25.294 | | | | 25.294 |
| g. CSIR-IITR | | | | | |
| 1). Three Stage Water Filtration Units (pg. 741/c) | 16.05 | | | | 16.05 |
| i. IISERB | | | | | |
| 1). AUTOSORB IQ-MP-MP (2 STAT.) VITON (pg. 743/c) | 26.349 | | | | 26.349 |

| | | | | | | |
|---|------------------|---------------|---------------|----------------|---------------|------------------|
| ii. Pilot Plants | | | | | | |
| a. IIT Madras (pg-239-243/c) | 2.50 | 2.50 | 22.00 | 13.6212 | 10.00 | 50.6212 |
| b. VIT Chennai | - | - | - | 5.00 | - | 5.00 |
| c. IIT Tirupati | - | - | - | 3.00 | - | 3.00 |
| Subtotal (Capital) | 338.48729 | 2.50 | 22.00 | 21.6212 | 10.00 | 394.60849 |
| B Recurring--General | | | | | | |
| 1. Manpower: | | | | | | |
| 1. IIT Madras | | | | | | |
| a. 2 SRF - @ Rs. 28,000/- + 30% HRA | 8.736 | 8.736 | 8.736 | 8.736 | 8.736 | 43.68 |
| b. 1 JRF @ Rs. 25,000/- + 30% HRA | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 19.50 |
| c. Project Coordinator -II @ Rs. 35,000/- | 4.20 | 4.20 | 4.20 | 4.20 | 4.20 | 21.00 |
| Sub-total | 16.836 | 16.836 | 16.836 | 16.836 | 16.836 | 84.18 |
| 2. VIT Chennai | | | | | | |
| SRF (Nos. 1) @ Rs. 28,000/- + 10% HRA | 3.696 | 3.696 | 3.696 | 3.696 | 3.696 | 18.48 |
| 3. IIT Tirupati | | | | | | |
| a. 1 SRF - @ Rs. 28,000/- + 10% HRA | 3.696 | 3.696 | 3.696 | 3.696 | 3.696 | 18.48 |
| 4. Anna University | | | | | | |
| a. 1 SRF - @ Rs. 28,000/- + 30% HRA | 4.368 | 4.368 | 4.368 | 4.368 | 4.368 | 21.840 |
| b. 1 JRF @ Rs. 25,000/- + 30% HRA | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 19.50 |
| Sub-total | 8.268 | 8.268 | 8.268 | 8.268 | 8.268 | 41.340 |
| 5. PRIST | | | | | | |
| a. 1 SRF - @ Rs. 28,000/- + 10% HRA | 3.696 | 3.696 | 3.696 | 3.696 | 3.696 | 18.48 |
| 6. CLRI chennai | | | | | | |
| SRF (Nos. 2) @ Rs. 28,000/- + 10% HRA | 8.736 | 8.736 | 8.736 | 8.736 | 8.736 | 43.68 |
| 7. CSIR-IITR | | | | | | |
| 1 SRF - @ Rs. 28,000/- + 10% HRA | 3.696 | 3.696 | 3.696 | 3.696 | 3.696 | 18.48 |
| 8. IISERB | | | | | | |
| SRF (Nos. 1) @ Rs. 28,000/- + 20% HRA | 4.032 | 4.032 | 4.032 | 4.032 | 4.032 | 20.16 |
| 9. KU | | | | | | |
| SRF (Nos. 1) @ Rs. 28,000/- + 10% HRA | 3.696 | 3.696 | 3.696 | 3.696 | 3.696 | 18.48 |
| Sub-total | 56.352 | 56.352 | 56.352 | 56.352 | 56.352 | 281.76 |
| 2. Travel | | | | | | |
| 1. IIT Madras | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 7.50 |
| 2. VIT Chennai | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 3. IIT Tirupati | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 4. Anna University | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |

369600

108000

26.1.2017

| | | | | | | |
|--|------------------|----------------|----------------|-----------------|---------------|------------------|
| 1. PRIST | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 6. CLRI | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 7. CSIR-IITR | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 8. IISERB | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 9. KU | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| Sub-total | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 27.50 |
| 3. Contingencies | | | | | | |
| 1. IIT Madras | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 2.50 |
| 2. VIT Chennai | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 3. IIT Tirupati | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 4. Anna University | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 5. PRIST | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 6. CLRI | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 2.00 |
| 7. CSIR-IITR | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 8. IISERB | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| 9. KU | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| Sub-total | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 11.50 |
| 4. Consumables | | | | | | |
| 1. IIT Madras | 14.50 | 15.00 | 15.00 | 14.50 | 6.70 | 65.70 |
| 2. VIT Chennai | 1.50 | 1.50 | 1.75 | 1.75 | 0.70 | 7.20 |
| 3. IIT Tirupati | 1.50 | 1.50 | 1.75 | 1.75 | 0.70 | 7.20 |
| 4. Anna University | 0.90 | 0.90 | 0.90 | 0.90 | 0.45 | 4.05 |
| 5. PRIST | 1.50 | 1.50 | 1.50 | 1.50 | 0.75 | 6.75 |
| 6. CLRI | 4.50 | 3.50 | 3.50 | 3.00 | 1.25 | 15.75 |
| 7. CSIR-IITR | 2.00 | 2.00 | 2.00 | 2.00 | 1.00 | 9.00 |
| 8. IISERB | 2.50 | 2.00 | 2.00 | 2.00 | 0.95 | 9.45 |
| 9. KU | 2.00 | 2.00 | 2.00 | 1.50 | 0.60 | 8.10 |
| Sub-total | 30.90 | 29.90 | 30.40 | 28.90 | 13.10 | 133.20 |
| 5. Other Cost | | | | | | |
| 1. IIT Madras -Review/Annual meeting of the project investigators and students | 3.00 | 3.00 | 2.00 | 1.00 | 1.00 | 10.00 |
| 2. IIT Madras: International Conference/seminars/advisory committee meeting | - | 3.00 | 3.00 | 6.00 | 3.00 | 15.00 |
| Sub-total | 3.00 | 6.00 | 5.00 | 7.00 | 4.00 | 25.00 |
| 6. Overhead (10%) | | | | | | |
| 1. IIT Madras | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 6.00 |
| 2. VIT Chennai | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 1.50 |
| 3. IIT Tirupati | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 1.50 |
| 4. Anna University | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 2.00 |
| 5. PRIST | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 1.50 |
| 6. CLRI | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 3.00 |
| 7. CSIR-IITR | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 1.50 |
| 8. IISERB | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 2.00 |
| 9. KU | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 1.00 |
| Sub- Total | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 20.00 |
| Subtotal (General) | 102.052 | 104.052 | 103.552 | 104.052 | 85.252 | 498.960 |
| Grand Total (A+B) | 440.53929 | 106.552 | 125.552 | 125.6732 | 95.252 | 893.56849 |

2. Rest of the portions of the above referred sanction order remains unchanged and maybe treated the same.

(Dr. Neelima Alam)
Scientist-E

To: The Pay and Accounts Officer, DST, New Delhi
Copy for information and necessary action to:

1. Cash Section(3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
4. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
5. **Prof. Ligy Philip**
IIT Madras
Chennai- 600 036, India
E-mail: pradeep@iitm.ac.in
Co- PI - Prof. T. Pradeep
Department of Civil Engineering, IIT Madras
Chennai- 600 036, India
E-mail: ligy@iitm.ac.in
6. **Sanction folder**
7. **Office Copy**
8. **Head- TMD (E,W & Others)**

(Dr. Neelima Alam)
Scientist 'E'

9720838047 Kapil 4

6

MoES/P.O.(Geo)/101(v)/2017
Government of India
Ministry of Earth Sciences

Prithvi Bhavan, Lodhi Road,
New Delhi-110003
Dated:11.06.2018

ADMINISTRATIVE ORDER

Subject: Project proposal entitled "Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their enclaves".

PI: Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.

Sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the above-mentioned project at an estimated cost of Rs.85,07,600/- (Rupees eighty five lakhs seven thousand six hundred only) to Kumaun University, Nainital, Uttarakhand for a period of five years (2018-19 to 2022-23).

2.0 Objectives:

- To establish the field relationships between granites and associated lithounits.
- To infer the physico-chemical environment of granite and enclaves.
- To decipher the timing and sources of granite magmatism in Kumaun Himalaya.
- To resolve the basement issue and to recognize the likely Precambrian magmatic components in the evolution of Kumaun Lesser Himalaya.
- To recognize the sequence of magmatic events and its correlations, and finally
- To suggest viable genetic and geodynamic model of Kumaun Lesser Himalaya.

2.1 Programme:

The Indian sub-continent is mainly comprised of Precambrian cratonic regions, Phanerozoic Himalayan collision orogens and Indo-Gangetic alluvial plains. Recent researches have greatly contributed to our understanding of the fundamental architecture of the Indian continental lithosphere. However, role of Indian continental lithospheric components and sources in the geodynamic evolution of Himalayan collision orogen through time and their link to global thermal events is still a major research gap. In the proposed project investigation of selected transect corridors in Kumaun Lesser Himalaya will be carried out using multi-parametric approach such as phase petrology, geochemical, geochronologic and isotope studies of granites and their enclaves, which can address the petrogenetic and geodynamic issues of Himalaya and its likely relationships with equivalent orogenic belts globally. Integration of generated database will help constructing the sequence of magmatic events and crustal growth processes in space and time.

2.2 Implementing Organization:

Kumaun University, Nainital, Uttarakhand would be implementing this project.

Contd. 2

Rajiv Kumar

2.3 Estimated Project Cost:

Total estimated cost of the project is Rs. 85,07,600/- (Rupees eighty five lakhs seven thousand six hundred only) during the period of five years (2018-19 to 2022-23). The year-wise / item-wise fund requirement is given below:

| Items | Budget (In Rupees) | | | | | Total |
|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------|
| | 1 st year 2018-19 | 2 nd year 2019-20 | 3 rd year 2020-21 | 4 th year 2021-22 | 5 th year 2022-23 | |
| A. RECURRING | | | | | | |
| 1. Salary Junior Research Fellow (02) @ Rs. 25,000 + 10% HRA p.m. for 1 st & 2 nd yr. and @ Rs. 28,000 + 10% HRA p.m. for 3 rd , 4 th and 5 th year. | 6,60,000/- | 6,60,000/- | 7,39,200/- | 7,39,200/- | 7,39,200/- | 35,37,600/- |
| 2. Consumables | 1,50,000/- | 1,50,000/- | 1,00,000/- | 1,00,000/- | 1,00,000/- | 6,00,000/- |
| 3. Travel | 1,00,000/- | 1,00,000/- | 1,00,000/- | 1,00,000/- | 1,00,000/- | 5,00,000/- |
| 3. Other costs | 50,000/- | 50,000/- | 50,000/- | 50,000/- | 50,000/- | 2,50,000/- |
| 4. Analytical costs | 5,00,000/- | 4,70,000/- | 5,00,000/- | 5,00,000/- | 5,00,000/- | 24,70,000/- |
| Sub Total (A) | 14,60,000/- | 14,30,000/- | 14,89,200/- | 14,89,200/- | 14,89,200/- | 73,57,600/- |
| B. Non-recurring Wilfley gravity shaking table | 9,00,000/- | ---- | ---- | ---- | ---- | 9,00,000/- |
| C. Overheads | 50,000/- | 50,000/- | 50,000/- | 50,000/- | 50,000/- | 2,50,000/- |
| Total (A+B+C) | 24,10,000/- | 14,80,000/- | 15,39,200/- | 15,39,200/- | 15,39,200/- | 85,07,600/- |

2.4 Time Schedule: 05 years (2018-19 to 2022-23).

2.5 Description and proposed programme to be implemented by :

This project will be implemented by the PI as per details given below.

First Year: Fieldwork, collection and preparation of representative samples
 Second Year: Fieldwork, petrographic features, mineral and whole rock chemistry, zircon separation, mounting along with BSE and CL Images.
 Third Year: U-Pb-Lu-Hf-O isotopes and U-Pb SHRIMP chronology of zircons.
 Fourth Year: Date analysis, publications of results
 Fifth Year: Publications of the results and final report preparation

3.0 The expenditure will be booked under the following Budget Head:

3425 Other Scientific Research (Major Head)
 60.200 Assistance to Other Scientific Bodies (Minor Head)
 52 Research Education and Training Outreach
 52.00.31 Grant-in-Aid-General (Plan)

Contd. 3

Signature
 11.6.18

MoES/P.O.(Geo)/101(v)/2017
Government of India
Ministry of Earth Sciences

Prithvi Bhavan, Lodhi Road,
New Delhi-110003
Dated: 11.06.2018

ORDER

Subject: Project proposal entitled "Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their enclaves".

PI: Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.

In continuation to this Ministry's Administrative Order of even number dated 11.06.2018, sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Powers Rule, 1978 for the release of Rs.24,10,000/- (Rupees twenty four lakhs ten thousand only) as the 1st year grant, to Kumaun University, Nainital, Uttarakhand for the implementation of the above-mentioned project during the current financial year 2018-19. The break-up of Rs. 24,10,000/- is as follows:-

| S.No. | Head | (Amount in Rupees) |
|-------|------------------|--------------------|
| 1. | Salary | 6,60,000/- |
| 2. | Consumables | 1,50,000/- |
| 3. | Travel | 1,00,000/- |
| 4. | Other costs | 50,000/- |
| 5. | Analytical costs | 5,00,000/- |
| 6. | Overhead | 50,000/- |
| 7. | Non-recurring | 9,00,000/- |
| | Total | 24,10,000/- |

2. The amount of Rs.24,10,000/- (Rupees twenty four lakhs ten thousand only) will be drawn by DDO, MoES and will be disbursed to the Registrar, Kumaun University, Nainital, Uttarakhand through RTGS as per following details :

Name of the Bank : State Bank of India
Type of Account : Saving Bank
IFSC Code : SBIN0000687
Account No. : 10860839791
MICR No. : 263002068
Branch Name : State Bank of India, The Mah Nainital-263001 (Uttarakhand)

3. The expenditure will be booked under the following Budget Head:-

'3425' Other Scientific Research (Major Head)
60.200 Assistance to Other Scientific Bodies (Minor Head)
52 Research Education and Training Outreach
52.00.31 Grant-in-Aid-General

Under demand no. 25 for the Ministry of Earth Sciences for the financial year 2018-19.

4. The provisions of GFR 238(1) relating to U.C's for the fund released are not applicable at this stage since the said institute would be receiving the grant for the aforesaid purpose for the first time.
5. The Registrar, Kumaun University, Nainital, Uttarakhand shall send the UC and Statement of Expenditure of this account in the required Performa. The Registrar, Kumaun University, Nainital, Uttarakhand shall also follow all financial rules of DFPR/GFR 2017 etc. and instructions issued by MoF/DoPT etc. from time to time.
6. The account of the grantee organisation 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 MoES), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
7. As per Rule 234 of GFR 2017, this sanction has been made in Expenditure Central Register (ECR) for the year at Page No.103 Sl. No.30.
8. This issues under powers delegated to this Ministry and with the concurrence of IFD vide their Dy. No. 171/IFD/5638/2018-19/REACHOUT dated 04.06.2018 and with the approval of the Secretary, MoES vide Dy. No. 5638/Secy/18 dated 07.06.2018.

Archna Srivastava
(Archna Srivastava) 11.6.18

Under Secretary to the Govt. of India

To,

The Pay & Account Officer, Ministry of Earth Sciences, Prithvi Bhavan, Lodhi Road,
New Delhi-110003

Copy for information and necessary action to:

1. The Principal Director of Audit (Scientific Department) AGCR Building, I.P. Estate, New Delhi 110002.
2. The Registrar, Kumaun University, Nainital, Uttarakhand -263002.
3. Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.
4. Cash Section, MoES, New Delhi.
5. Controller of Accounts, MoES.
6. AS&SA / IS / Sec. G (GRD) / Dir (-) / AD (OL) / IFD, MoES
7. PPS to Secretary, MoES.
8. Sanction Folder/ File copy.

Archna Srivastava
(Archna Srivastava) 11.6.18

Under Secretary to the Govt. of India

Annexure-II

Schedule of payments by BPCL to KU

Total project amount (hereinafter referred to as "GRANT / RESEARCH FUND"):
Rs. 50.76 Lakhs including applicable GST.

Detail Budget Estimation:

Table 3: Project Budget Break-up

| | Item | Budget. (₹) | | Total. (₹) | Basis for the proposed cost |
|---|-----------------------------|----------------------|----------------------|------------|---|
| | | 1 st Year | 2 nd Year | | |
| A | Recurring | | | | |
| 1 | Manpower | 11.28 | 11.28 | 22.55 | As per DST Guidelines |
| 2 | Consumables / raw materials | 5.50 | 5.50 | 11.00 | Required during lab testing |
| 3 | Travel | 1.00 | 1.00 | 2.00 | Required for meetings |
| 4 | Contingency | 1.78 | 1.78 | 3.56 | 10% of manpower, travel, consumables and travel |
| 5 | Overheads | 1.96 | 1.96 | 3.91 | 10% of project cost |
| | Total project cost (A) | 21.51 | 21.51 | 43.02 | |
| | GST @ 18% (B) | 3.87 | 3.87 | 7.74 | |
| | Grand total (A+B) | 25.38 | 25.38 | 50.76 | |

Table 4: Manpower Salary Break-up

| Cost Head | Basic salary. (₹)* | HRA @ 8%. (₹) | Duration. (months) | Total. (₹) |
|---------------------|--------------------|---------------|--------------------|------------|
| Project Scientist I | 56,000 | 4,480 | 12 | 7,28,760 |
| Project Associate I | 31,000 | 2,480 | 12 | 4,01,760 |
| | | | | 11,30,520 |

* As per SR/S9/Z-05/2019 Govt. of India, Ministry of Science & Technology, Department of Science & Technology, this issue with the approval of secretary, DST vide

Signature: *[Handwritten Signature]*

Dy. No. EF23171 dated 21.08.2019 and concurrence of IFD, DST vide Dy. No. C/2301 dated 21.08.2019

Payment schedule:

| | |
|----------------------------|---|
| 1 st Instalment | 30% of the sanctioned Research fund after successful completion of Deliverable-1, |
| 2 nd Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-2 |
| 3 rd Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-3. |
| 4 th Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-4. |
| 5 th Instalment | 10% of the sanctioned Research fund after successful completion of Deliverable-5. |

Taxes: The BPCI shall pay GST along with each of the above payments as per the Govt. of India notification. Any changes or amendment in taxation system of Government shall be automatically applicable for each of the above payments to the extent legally required.

Note: BPCI shall release the payments within 30 days from the date of KUP's invoice as per the aforementioned payment schedule

D. S. Rao

Jays.

| To, M/s. DSB CAMPUS KUMAUN UNIVERSITY NAINITAL, NAINITAL, NAINITAL, UTTRAKHAND, INDIA - 263601 Ph : 05942238055 VENDOR CODE:373128 | Purchase order PO number/date 4508478465/28.07.2021 Contact person/Telephone MAHESHWARI S (MS)/- FAX NO - Email maheshwaris@bharatpetroleum.in | | | | | | | | | | | | | | | |
|--|---|--|-------------|---------------|------|-----------|--|-------------|-------|----------|--|--|--|--|--|--|
| Deliver to: M/s. Corporate R&D Centre Bharat Petroleum Corporation Ltd., Plot-2A,Udyog Kendra, Greater Noida, Gautam Budh Nagar (UP), INDIA - | Purchase Grp: N34/R&D CENTRE NOIA Your quotation/Dated: Delivery date: 28.07.2021 Our Reference: | | | | | | | | | | | | | | | |
| Contract Documents SL.No. Description Estimated Order Value : INR 4,302,000.00 (In words: Rs. Fourty Three Lakh Two Thousand Only.) Subject: VALORIZATION OF VACUUM RESIDUE TO GRAPHENE WITH KUMANUN UNIVERSITY With reference to your Quotation/Contract No. _____ dated _____ and subsequent correspondence/discussions had till date, we are pleased to issue our Purchase Order as per terms and conditions mentioned in this order. In case of clarification please contact: MAHESHWARI S (MS) NOTE : We request you to kindly raise separate invoices for capital and input items. Kindly refer to the bifurcation regarding nature of the item (Capital/ Input) mentioned against each line item(s). Due to statutory requirements, combined invoices for capital and input items will not be processed. You are requested to take note of this aspect and ensure that invoices are raised as per requirement. For any further clarifications/instructions/Site related information needed for rendering services as per scope of work, you are requested to contact our Engineer-in-charge MAHESHWARI S (MS). | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Item</th> <th>MaterialNo.</th> <th>OrderQuantity</th> <th>Unit</th> <th>Net Value</th> </tr> <tr> <th></th> <th>Description</th> <th>Price</th> <th>Currency</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="5" style="height: 50px;"> </td> </tr> </tbody> </table> | | Item | MaterialNo. | OrderQuantity | Unit | Net Value | | Description | Price | Currency | | | | | | |
| Item | MaterialNo. | OrderQuantity | Unit | Net Value | | | | | | | | | | | | |
| | Description | Price | Currency | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Page 1 of 7 | Please sign & send the duplicate copy of this order as acknowledgement | For Bharat Petroleum Corporation Ltd. Authorized by : VOOLAPALLI RK | | | | | | | | | | | | | | |

/s. DSB CAMPUS KUMAUN UNIVERSITY
VENDOR CODE:373128

PO number/date
4508478465 / 28.07.2021

| Item | MaterialNo. Description | OrderQuantity Price | Quantity Currency | Unit | Net Value |
|---|--|------------------------|----------------------|--|--------------|
| 00010 | Rel. ord. against contract 4600877189 1st Payment of KU Nature of Exp : Input HSN/SAC Code : 998732 | | Item 00010 | | |
| | Gross Price | 1,290,600.00 | INR | | 1,290,600.00 |
| The item covers the following services: Expected value of unplanned services: 1,290,600.00 | | | | | |
| 00020 | Rel. ord. against contract 4600877189 2nd payment of KU Nature of Exp : Input HSN/SAC Code : 998732 | | Item 00020 | | |
| | Gross Price | 860,400.00 | INR | | 860,400.00 |
| The item covers the following services: Expected value of unplanned services: 860,400.00 | | | | | |
| 00030 | Rel. ord. against contract 4600877189 3rd payment of KU Nature of Exp : Input HSN/SAC Code : 998732 | | Item 00030 | | |
| | Gross Price | 860,400.00 | INR | | 860,400.00 |
| The item covers the following services: | | | | | |
| Page 2 of 7 | | | | For Bharat Petroleum Corporation Ltd. Authorized by : VOOLAPALLI RK | |

s. DSB CAMPUS KUMAUN UNIVERSITY
 ENDOR CODE:373128

PO number/date
 4508478465 / 28.07.2021

| Item | MaterialNo. | Order | Quantity | Unit | Net Value |
|---|---------------------------------------|------------|------------|--|------------------|
| | Description | Price | Currency | | |
| Expected value of unplanned services: | | 860,400.00 | | | |
| 00040 | Rel. ord. against contract 4600877189 | | Item 00040 | | |
| | 4th Payment of KU | | | | |
| | Nature of Exp : Input | | | | |
| | HSN/SAC Code : 998732 | | | | |
| | Gross Price | 860,400.00 | INR | | 860,400.00 |
| The item covers the following services: | | | | | |
| Expected value of unplanned services: | | 430,200.00 | | | |
| 00050 | Rel. ord. against contract 4600877189 | | Item 00050 | | |
| | 5th Payment of KU | | | | |
| | Nature of Exp : Input | | | | |
| | HSN/SAC Code : 998732 | | | | |
| | Gross Price | 430,200.00 | INR | | 430,200.00 |
| The item covers the following services: | | | | | |
| Expected value of unplanned services: | | 430,200.00 | | | |
| Total net item val. | | | | | 4,302,000.00 INR |
| TOTAL AMOUNT (IN WORDS): RUPEES FORTY THREE LAC TWO THOUSAND ONLY | | | | | |
| Page 3 of 7 | | | | For Bharat Petroleum Corporation Ltd. Authorized by : VOGLAPALLI RK | |

s. DSB CAMPUS KUMAUN UNIVERSITY
ENDOR CODE:373128

PO number/date
4508478465 / 28.07.2021

Common Conditions

Terms of payment.
PAY ON 30TH DAY

GST Registration No.: 09AAACB2902M1ZR

Our PAN details : AAACB2902M

81

(9)

No. DST/23(333)/SU/2002
Govt. of India
Ministry of Science & Technology
Department of Science & Technology
Seismology Division

Technology Bhavan,
New Mehrauli Road,
New Delhi - 110 016.

Dated: 08-09-2003

ORDER

Sub: Funding of the Project entitled "Seismic network in Kumaun Himalaya"

**PI : Dr. Charu C. Pant, Deptt. of Geology, Kumaun University,
Nainital - 263 002.**

In partial modification of this Deptt.'s sanction letter of even number dated 20-12-2002, sanction of the President is hereby accorded to the additional grant of Rs. 6,81,270/- (Rupees six lakhs eighty one thousand two hundred seventy only) under non-recurring head thereby revising the non-recurring cost from Rs. 27,17,000/- to Rs. 33,98,270/- and the total cost from Rs. 64,64,000/- to Rs. 71,45,270/-. The break up of Rs. 71,45,270/- is given below:-

| I. | Items | For three years | | | (In Rupees) |
|------------|--|--------------------|--------------------|--------------------|--------------------|
| | | 1st Yr. | 2nd Yr. | 3rd Yr. | Total |
| | Recurring Cost | | | | |
| | i) Salaries | | | | |
| | a) Res. Sci- 1 | 1,92,000/- | 2,01,000/- | 2,06,000/- | 5,99,000/- |
| | 10,000/-+325-15,200/- +HRA | | | | |
| | b) Consultant - 1 | 96,000/- | 96,000/- | 96,000/- | 2,88,000/- |
| | Rs. 8,000/- | | | | |
| | c) Proj. fellow - 3 | 2,16,000/- | 2,16,000/- | 2,16,000/- | 6,48,000/- |
| | Rs. 5,000/-+HRA | | | | |
| | Rs. 6,000/-p.m. | | | | |
| | d) Proj. Techn. - 2 | 1,20,000/- | 1,20,000/- | 1,20,000/- | 3,60,000/- |
| | Rs. 5,000/-p.m. | | | | |
| | e) Proj. Asst. - 1 | 42,000/- | 42,000/- | 42,000/- | 1,26,000/- |
| | Rs. 3,500/-p.m. | | | | |
| | f) Driver - 1 | 42,000/- | 42,000/- | 42,000/- | 1,26,000/- |
| | ii) Consumables | 1,00,000/- | 1,50,000/- | 1,00,000/- | 3,50,000/- |
| | iii) Travel | 1,00,000/- | 1,00,000/- | 1,00,000/- | 3,00,000/- |
| | iv) Contingencies & other cost | 2,50,000/- | 2,00,000/- | 2,00,000/- | 6,50,000/- |
| | Total - I | 11,58,000/- | 12,67,000/- | 11,22,000/- | 34,47,000/- |
| II. | Non-Recurring | | | | |
| | i) Broadband seismographs including 3 component | | | | 30,70,270/- |

Contd.2/-

Project Cell

Registration
15/9

Uttarakhand Council For Biotechnology

Department of Agriculture, Govt. of Uttarakhand
Biotech Bhavan, Haldi (263146), Distt. U.S. Nagar, Uttarakhand
(Ph. 05944-230567 Email:statebiotech@rediffmail.com)

No. UBC/R&D Project/2022/ 198

Date 05/03/2022

OFFICE ORDER

As per the recommendation of project review committee, UCB has been pleased to sanction R&D project entitled "Hydroponics, Supplementary livelihood option for vegetables/fruits cultivation" for a period of three years with total cost of Rs. 9,92,000/- (Rupees Nine Lakh Ninety Two Thousand Only) on the terms and conditions detailed here under:-

1. The Project
 - 1.1 Title
"Hydroponics, Supplementary livelihood option for vegetables/fruits cultivation"
 - 1.2 Project Investigator :
Dr. Sushma Tamta (Associate Professor), Department of Botany, D.S.B campus, Kumaun University, Nainital
2. Objectives:-
 - i. Standardization of different hydroponic methods for different food plants (vegetables/fruits)
 - ii. Selection of best methods for high yield of individual vegetable/fruit
 - iii. Demonstration of developed technique among the villagers/interested people
3. Consolidated Budget for the total project duration: -

| Sl. No. | Items | 1 st Year (Rs.) | 2 nd Year (Rs.) | 3 rd Year (Rs.) | Amount (in Rs.) |
|---------|------------------------------------|----------------------------|----------------------------|----------------------------|--------------------|
| 1. | Non-Recurring - Equipments | 1,20,000.00 | - | - | 1,20,000.00 |
| 2. | Recurring | | | | |
| (i) | Manpower JRF @12000/- per month | 1,44,000.00 | 1,44,000.00 | 1,44,000.00 | 4,32,000.00 |
| (ii) | Consumables | 90,000.00 | 90,000.00 | 90,000.00 | 2,70,000.00 |
| (iii) | Travel | 10,000.00 | 10,000.00 | 30,000.00 | 50,000.00 |
| (iv) | Contingency | 20,000.00 | 20,000.00 | 20,000.00 | 60,000.00 |
| (v) | Overhead Charges | 20,000.00 | 20,000.00 | 20,000.00 | 60,000.00 |
| | Total | 4,04,000.00 | 2,84,000.00 | 3,04,000.00 | 9,92,000.00 |

Note: Project Investigator is requested to intimate our officer for willingness to take up the above cited project with suggested modification within this budget for stipulated time period.

Cont.

4. Terms & Conditions:

- i. The amount will be used by the institution/concerned office only for the purpose it has been sanctioned. The Amount will be used towards the expenditure for above cited project with stated objectives, milestone and timelines expressed thereof.
- ii. As per the rules the account of project shall be open to inspection by sanctioning authority whenever the institute is called upon to do so.
- iii. The institute will furnish to the department, utilization certificate of accounts pertaining to the grant, immediately after the end of the financial year.
- iv. Progress report and utilization certificate (as per UCB format) will be sent to this office by the PI through head of the institution in two hard copies and one soft copy (in Hindi and English).
- v. Kindly show the bank interest, if any, earned on the funds transferred by UCB as the same is required to be added in the capital fund amount released/being released.
- vi. The date of project will be as on the date of office order released.
- vii. No International travel will be undertaken from the sanctioned project grant unless specified otherwise.
- viii. Other terms and conditions are as per the Uttarakhand Council For Biotechnology, Govt. of Uttarakhand.


Director, UCB

Copy for information and necessary action to:-

1. Project Cell, UCB, Haldi
2. Accounts, UCB, Haldi
3. Dr. Sushma Tamta (Associate Professor), Department of Botany, D.S.B campus, Kumaun University, Nainital
- ✓ 4. The Registrar, Kumaun University, Nainital


Director, UCB

Government of India
Ministry of Earth Sciences
Seismology Division

Prithvi Bhawan,
Lodhi Road,
New Delhi – 110003.
Dated: 27/09/2019

SANCTION ORDER

Sub.: Financial assistance for the research project entitled, "Seismic Network in Kumaun Himalaya (Phase IV)".

PI: Prof. Rajeev Upadhyay, Department of Geology, Kumaun University, Nainital.

Co-PI: Prof. Charu C. Pant, Centre of Advanced Study in Geology, Kumaun University, Nainital.

Approval of the Competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978. for the above-mentioned project at a total cost of Rs.1,79,65,680/- (Rupees one crore seventy nine lakh sixty five thousand six hundred and eighty only) for a period of three years under Seismicity & Earthquake Precursors Program, AO no. MoES/P.O.(Seismo)/8(15)/2018 date 28/05/2018. The items of expenditure for which the total allocation of Rs.1,79,65,680/- has been approved are given below:

| | | Budget in Rupèes | | | |
|----------|---|----------------------|----------------------|----------------------|--------------------|
| | Item | 1 st Year | 2 nd Year | 3 rd Year | Total |
| A | Recurring | | | | |
| i | Salaries/wages | | | | |
| | 1. Project Scientist (One) @ 56,000 + 8% HRA. | 7,25,760/- | 7,25,760/- | 7,25,760/- | 21,77,280/- |
| | 2. SRF (One) @ Rs.35,000/- p.m. + 8% HRA. | 4,53,600/- | 4,53,600/- | 4,53,600/- | 13,60,800/- |
| | 3. Project Assistant (One) @ 20,000/- + 8% HRA. | 2,59,200/- | 2,59,200/- | 2,59,200/- | 7,77,600/- |
| ii | Consumables | 1,50,000/- | 1,50,000/- | 1,50,000/- | 4,50,000/- |
| iii | Travel Including field's expenses etc. | 2,00,000/- | 1,50,000/- | 1,50,000/- | 5,00,000/- |
| iv | Contingency and Other costs | | | | |
| | 1) Payment of watch & ward and remuneration to field staff, computer cartridge/items, photocopy, stationary computer, Safety and maintenance of equipments etc. | 4,00,000/- | 4,00,000/- | 4,00,000/- | 12,00,000/- |
| | 2) construction of Huts & Pillars (Nos. 5) | 12,50,000/- | --- | --- | 12,50,000/- |
| | Total A | 34,38,560/- | 21,38,560/- | 21,38,560/- | 77,15,680/- |
| B | Non Recurring | | | | |

| | | | | | |
|----|--|----------------------|--------------------|--------------------|----------------------|
| 1) | a. Broad Band Seismograph (6 no.) | 90,00,000/- | --- | --- | 90,00,000/- |
| | b. Power Pack system (6 nos). It includes Solar Panel 160W, Battery Pack 200Ahr, Charge controller 15 Ahr, Earthing and lightning arrester) | 6,00,000/- | --- | --- | 6,00,000/- |
| 2) | a. Desktop data server (One) | 2,00,000/- | --- | --- | 2,00,000/- |
| | b. Laptop (Two) | 1,50,000/- | --- | --- | 1,50,000/- |
| | Total B | 99,50,000/- | --- | --- | 99,50,000/- |
| C | Overhead | 1,00,000/- | 1,00,000/- | 1,00,000/- | 3,00,000/- |
| | Grand Total(A+B+C) | 1,34,88,560/- | 22,38,560/- | 22,38,560/- | 1,79,65,680/- |

2. Sanction of the president is also here by conveyed to the payment of **Rs.1,34,88,560/-** (Rupees one crore thirty four lakh eighty eight thousand five hundred and sixty only) to the Registrar, Kumaun University, Nainital as the first installment in the CFY 2019-20 for implementation of the project as follows:

| S. No | Head | Amount in Rupees |
|-------|-----------------------------|------------------|
| 1 | Salary | 14,38,560/- |
| 2 | Consumables | 1,50,000/- |
| 3 | Travel | 2,00,000/- |
| 4 | Contingency and Other costs | 16,50,000/- |
| 5 | Non-Recurring | 99,50,000/- |
| 5 | Overhead | 1,00,000/- |
| | Total | 1,34,88,560/- |

3. This sanction is subject to the condition that the grantee organisation will furnish to the Ministry of Earth Sciences, 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.

4. The grantee organisation 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 equipments(s), separate SE/UC has to be furnished for the released Capital head grant.

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project, etc.

7. The Grant-in-aid being released is subject to the condition that

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

(b) While submitting Utilization Certificate/Statement of Expenditure, the organisation 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.

8. It is desirable to have MoES nominee in the selection process for recruitment of JRF/SRF/RA/Scientists in the project.

9. The position of project staff is co-terminus with the duration of the project & MoES would have no liability towards such manpower costs beyond the duration of the project.

10. The grantee organisation 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 MoES (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. As per rule 230(8) of GFR 2017, all interests or other earnings against Grants-in-aid released to the grantee Institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. It should not be allowed to be adjusted against future releases.

11. MoES reserves sole right on the assets created 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 MoES.

12. Expenditure, Advance and Transfer (EAT) module of PFMS should be activated for the grants released under the project and expenditure under the project shall be monitored through EAT module.

13. The account of the grantee organisation 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 MoES), whenever the organisation is called upon to do so, as laid down under Rule 236(i) of General Financial Rules 2017.

14. All the future correspondence regarding the project may be addressed to Adviser & Head, Geosciences/Seismology Division.

15. Data acquired under the project needs to be sent to Ministry regularly and it should not be shared with any private agency/foreigner, without prior approval of MoES.

16. The expenditure involved is debit able to Demand No.23 Ministry of Earth Sciences

| | |
|--------|---|
| 3425 | - Other Scientific Research (Major Head) |
| 60.200 | - Assistance to Other Scientific Bodies (Minor Head) |
| 52 | - Research Education and Training Outreach (REACHOUT) |

Rs. 35,38,560/- to be booked from

52.00.31 - Grants-in-aid-General for the year 2019-20

Rs. 99,50,000/- to be booked from

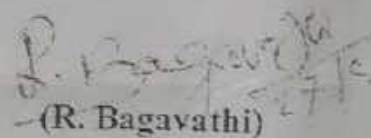
52.00.35 - Grants-in-creation of Capital assets for the year 2019-20

17. The amount of Rs.1,34,88,560/- (Rupees one crore thirty four lakh eighty eight thousand five hundred and sixty only) sanctioned in para 2, will be drawn by DDO, MoES and will be disbursed to the Registrar, Kumaun University, Nainital through RTGS as per following details:

| | | |
|------------------|---|--------------------------|
| Name of the Bank | : | State Bank of India |
| Account Type | : | Saving |
| IFSC Code | : | SBIN0000687 |
| Account No. | : | 10860839791 |
| MICR No. | : | 263002068 |
| Branch Name | : | SBI, the Mall, Nainital. |

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 189 Page No. 88 in the register of grants maintained in the Division of the scheme (REACHOUT).

19. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 396/IFD/5932/2019-20/REACHOUT dated 25/09/2019 and approval of the Secretary vide Dy. No. 5932/Secy./2019 date 26/09/2019.


-(R. Bagavathi)

Under Secretary to the Govt. of India

To,

Pay and Accounts Officer, MoES, New Delhi - 110 003

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd Floor, AGCR Building, IP Estate, New Delhi - 110 002.
2. The Registrar, Kumaun University, Nainital - 263002.
3. Prof. Rajeev Upadhyay, Department of Geology, Kumaun University, Nainital-263002.
4. Prof. Charu C. Pant, Department of Centre of Advanced Study in Geology, Kumaun University, Nainital - 263002. Codal provisions and GOI instructions on the subject matter issued from time to time will be followed.
5. Cash section, MoES (with two spare copy of the sanction for making necessary payment to the grantee.)
6. Sanction Folder/ File copy.
7. Head. Seismology Division, MoES, New Delhi.


(R. Bagavathi)

Under Secretary to the Govt. of India



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-2019-20/MG

Date: 17-10-2019

Email/Speed Post
<nppnainital@gmail.com>

To,

Mr. Sachin Negi
Chairman, Municipal Board
Payal Hotel, Tallital, Nainital
Uttarakhand-263002

Subject: Approval of the Medium Grant (MG) for the project entitled " **A Multidimensional Remediation and Innovative Tailoring of Materialistic Waste (AMRITAM): An Innovative Approach for the Collection, Segregation and Upcycling of Solid Waste**"

Sir,
I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs.3,49,99,000/- (Rupees Three Crore Forty Nine Lakh Ninety Nine Thousand Only)** for a period of three years, as per the break-up given below:-

| Head | 1 st year (in Rs.) | 2 nd year (in Rs.) | 3 rd year (in Rs.) | Total grant |
|--|----------------------------------|----------------------------------|----------------------------------|-------------------|
| A. Recurring | | | | |
| (i) Salary: 02 SRF @ 35,000/- + HRA 8% per month for three years. 01 RA-I @ Rs.47,000/- + HRA @ 8% per month for last two years. 02 SPF @ 18,000/- + HRA @ 8% or Minimum @ Rs.1800/- per month for three years. 03 JPF @ 16,000/- HRA @ 8% or Minimum @ Rs.1800/- per month for first two years and @ Rs.18,000/- + HRA @ 8% or Minimum @ Rs.1800/- for third year. 02 Field Assistant @ Rs.12,000/- fix per month for three years. 01 Project Assistant @ Rs.15,000/- fix per month for three years. | 2491200.00 | 907200.00 | 3100320.00 | 8691840.00 |
| (ii) Travel(Domestic): | 350000.00 | 400000.00 | 375000.00 | 1125000.00 |
| (iii) Consumables: Chemicals, Glassware. | 700000.00 | 700000.00 | 700000.00 | 2100000.00 |
| (iv) Contingency: | 550000.00 | 550000.00 | 550000.00 | 1650000.00 |

| | | | | |
|--|--------------------|-------------------|-------------------|--------------------|
| 7) Activities & other project cost: Samples Characterization, Training programs, workshops, fixing of 8 new bio-composting plants, operation cost of plants, patents filling, waste segregation, conduct the workshops and awareness program, conversion of solid waste into the value added products carbon nanomaterials, fuel and LPG, Characterizations of synthesized materials through advance techniques, Publication, advertisement, and submission of a final report. | 1160720.00 | 1160720.00 | 1160720.00 | 2492160.00 |
| (vi) Institutional charges/ Overhead: | 150000.00 | 150000.00 | 150000.00 | 450000.00 |
| B. Non Recurring | | | | |
| (i) Equipment: Electrochemical Workstation with Solar cell Set up, Fuel cell Set-up and Supercapacitor application @ Rs.47.00 lakh- 1 nos, Ultrasonic Homogenizer @ Rs.7.00 Lakh -1 nos, Thermal Evaporator @ Rs.8.00 Lakh- 1 nos, Polymer Extruder @ Rs.8.00 Lakh- 1 nos . Universal Waste Upcycling Machine @ Rs.95.00 Lakh- 1 nos, Micro-composting plants (08 Units) @ Rs.10.00 Lakh. | 17500000.00 | 0.00 | 0.00 | 17500000.00 |
| Grand Total A+B | 22901920.00 | 3867920.00 | 6036040.00 | 34999000.00 |

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

- Staff already available with the municipality should be utilized for door-to-door waste collection.
- To offset the total cost the monthly amount for waste collection should be charged from residents by the municipality.
- The PI should ensure follow-up of the agreed time line with deliverables.
- A Certificate should be provided that this work is not the repeat of earlier work (as a mandatory exercise).
- 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. Further, the **Periodic Progress Report** of the NMHS Project along with all the supporting data generated under 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 reported 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"> • Collection and segregation all kinds of wastes through the Municipal Board, NGO and local people in Nainital region (all wards under | <ul style="list-style-type: none"> • Establish door to door collection (approx. 20-30 tonnes/day), which helps in managing the solid waste in all wards (covering about 45000 peoples from 15 wards) • "Micro Bio-Composting" plants (08) will be | <ul style="list-style-type: none"> • Waste collection (Tons/day) • Number of beneficiaries (Nos.) |

| | | |
|---|---|---|
| <ul style="list-style-type: none"> • Characterization of waste according to their properties such as food, plastic, agriculture etc. • Development of new micro biocomposting plants in all wards for waste management. • To develop new Universal Waste Recycling Machine (UWRM) for the up-cyclization the all kinds of waste. • Recycling of all kind of waste into value added products such as carbon Nanomaterials, fuel and LPG. • To use Carbon nano materials (obtained from waste plastics) for the energy application | <ul style="list-style-type: none"> • established in different wards for maintaining ecology and bio-diversity to fulfill the concept of "solution at the source". • New innovative and affordable approaches for the segregation of solid waste for short and long term. • Establishment of Universal Waste Recycling Machine (UWRM) for upcycling plastic waste and the synthesis of carbon nanomaterials (15-20%), high value added fuel (20-30%) and LPG (40-50%). • Developing social and scientific coupled approach will help local Government, citizen groups and private sector to manage daily generated solid waste to achieve desired environment. • Conduct training modules for scientific and social communities for better understanding of solid waste and its handling approaches (Nos. 50). • Long and short term effective adaptive management plan for the project site environment. • Knowledge products i.e. one patent filing and 8 publications in peer review journal; 01 SoP | <ul style="list-style-type: none"> • Number of Bio-Composting plants established (Nos.) • Innovated new approach for the segregation of solid waste (Nos.) • Number of Training/Awareness Programme Organized (Nos.) • Number of beneficiaries village/ local people (Nos.) • No. of Reports/Research articles/Policy documents/ SOP prepared and published (Nos.) |
|---|---|---|

4. Sanction of the Competent Authority is also hereby conveyed for the release of **Rs.2,29,01,920/- (Rupees Two Crore Twenty Nine Lakh One Thousand Nine Hundred Twenty Only)** towards Grants-in-Aid to **The Chairman, Municipal Board, Payal Hotel, PO:Tallital, Nainital, Uttarakhand-263002** for the aforementioned NMHS-MG project for the Financial Year 2019-20 Plan/recurring being the 1st installment of grants as per the following break-up.

| Expenditure Head | Amount (INR) |
|--|--------------------|
| A : Recurring (as Above) | |
| (i) Salary | 2491200.00 |
| (ii) Travel | 350000.00 |
| (iii) Consumables: | 700000.00 |
| (iv) Contingency: | 550000.00 |
| (v) Activities & other project cost(as above): | 1160720.00 |
| (vi) Institutional charges/Overhead: | 150000.00 |
| B. Non Recurring | |
| (i) Equipment(as above): | 17500000.00 |
| Total A+B | 22901920.00 |

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-Katarnal, 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 " **A Multidimensional Remediation and Innovative Tailoring of Materialistic Waste (AMRITAM): An Innovative Approach for the Collection, Segregation and Upcycling of Solid Waste**" 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 2019-20.
- 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)/ Direct Benefit Transfer (DBT) 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 three years w.e.f. 1.11.2019**. 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. 2,29,01,920/- (Rupees Two Crore Twenty Nine Lakh One Thousand Nine Hundred Twenty 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 **The Chairman, Municipal Board, Payal Hotel, PO: Tallital, Nainital, Uttarakhand-263002** 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.

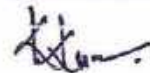
7. **Please send your acceptance with the Terms and Conditions of this NMHS Grant sanction letter so that aforementioned grant could be transferred to the Head of Implementing Agency through Bank transfer on the designated account.**

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. 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
2. PS to Director, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
3. Finance Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
4. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi
5. Database team, NMHS-PMU
6. Guard File - NMHS.

भारत सरकार, रक्षा मंत्रालय, रक्षा अनुसंधान एवं विकास संगठन
रक्षा जैव ऊर्जा अनुसंधान संस्थान
गोरापड़ाव, पत्रालय-अर्जुनपुर, हनुमन्ती
जिला-नैनीताल (उत्तराखण्ड)-२६३१३९



ISO 9001:2015

Govt of India, Ministry of Defence, Defence R & D Organisation
Defence Institute of Bio-Energy Research (DIBER)
Goraparao, P.O. Arjunpur, Haldwani
Distt - Nainital (Uttarakhand)-263139
Tel: 05946-232532, 232800, Fax: 05946-232719
E.mail:director@diber.drdo.in

दूरभाष: ०५९४६-२३२५३२, २३२८००, फ़ैक्स: २३२७१९
ईमेल: director@diber.drdo.in

सभी पत्रादि निदेशक को ही संबोधित होने चाहिए।

DIBER/TC/Proj Sanc/897

To

The Registrar
Kumaun University
Nainital, Uttarakhand - 263001

All Correspondence should be addressed to Director

दिनांक Date: /8, Feb 2020

Subject: Sanction of the CARS for Consultancy Study entitled "DNA-Barcoding of Ethno-medicinal and high-value plants of Uttarakhand Himalaya and assessment of anti-inflammatory nutraceutical potential of selected phyto-extracts"

Refer No: dated 27 Jan 2020 on the subject.

1. Sanction of competent authority is hereby accorded for undertaking the following CARS submitted by Kumaun University, Nainital, Uttarakhand under the project "DNA Barcoding of Ethno-medicinal and high-value plants of Uttarakhand Himalaya and assessment of anti-inflammatory nutraceutical potential of selected phyto-extracts" within the estimated cost as indicated below:

| Title of the CARS | Sanctioned cost (in rupees) | PDC |
|---|--|-------------------------------------|
| DNA-Barcoding of Ethno-medicinal and high-value plants of Uttarakhand Himalaya and assessment of anti-inflammatory nutraceutical potential of selected phyto-extracts | 9,79,000 (Nine Lakhs Seventy Nine Thousand) | 15 months from the date of sanction |

2. Break-up of the cost will be as per the CARS proposal. Principal Investigator (PI) will ensure execution of the project within the PDC. Budget will be released as under, after receipt of Contingent bill.


| S. No. | Instalment | Amount (in rupees) |
|--------|-------------------|--|
| i. | I st | 3.0 (Three Lakhs, Initial Advance) |
| ii. | II nd | 2.0 (Two Lakhs, at Performance Milestone I of RSQR) |
| iii. | III rd | 2.0 (Two Lakhs, at Performance Milestone II of RSQR) |
| iv. | IV th | 2.5 (Two Lakhs Fifty Thousand, Milestone III of RSQR) |
| v. | V th | 0.29 (Twenty Nine Thousand, on submission of final report) |

3. Dr. Santosh Kumar Upadhyay, Asst. Professor, Department of Biotechnology will be the CARS (PI) and will ensure execution of the CARS within the PDC.

4. For drawing advance for CARS activities Contingent bill in duplicate duly signed by CARS (PI) and counter signed by competent higher authorities of Kumaun University, Nainital, Uttarakhand is to be sent to Director, DIBER along with the ECS form duly verified by the bank, where the sanctioned amount is to be deposited. Also mention to whom the cheque is to be released. The format of Contingent bill and ECS form is attached for ready reference.

5. CARS (PI) will submit the progress report along with duly audited utilization certificate soon after the completion of the CARS. CARS (PI) will submit audited statement of utilization and expense certificates along with the closure report to Director, DIBER within one month of termination of PDC.
6. Unspent amount of the budget, if any, is to be returned to DIBER through DD in favor of SBI account CDA R&D, New Delhi payable at Main Branch SBI, Haldwani.
7. All equipments of a capital nature purchased under CARS will be property of DRDO.
8. Government purchase and accounting procedure will be followed during the execution of this project.
9. Based on this sanction budget provision of funds for actual expenditure will be made by this Institute through your budget estimates under the relevant heads of accounts (Major Head 2080 and Minor Head 110.)
10. Full reports, data and recommendations be provided to DIBER. For any publication and intellectual property if generated from the CARS, DIBER (DRDO) shall be made a equal party to it. Prior permission from Director, DIBER, Haldwani is mandatory for any publication, communication & IPR related to study with any outside agency.
11. Unique Sanction Code (USC) of the project is: DIR/LS/DIBER/P (CARS)/20-21/0002.
12. The CARS will run as per the guidelines and norms of DRDO and Director, DIBER shall be final authority on any subject related to this CARS. CARS Monitoring shall be done by DIBER on Half Yearly basis. The structure of Monitoring and Review Committee will be as under;

| | |
|-------------------|---|
| Chairman: | Director, DIBER |
| Member Secretary: | Dr S M Gupta, Sc 'E' |
| Members: | Subject expert from DRDO/ Academia Dr S K Joshi, Sc 'E' DFA/Local Finance Officer |


(Dr. Madhu Bala)
Director

डॉ. मधु बाला/Dr. Madhu Bala
निदेशक/Director

एन डी डी आर & डी / Defense Institute of Bio-Energy Research
एन डी डी आर & डी / Defense Research & Development Organisation
एन डी डी आर & डी / Govt. of India, Ministry of Defense
एन डी डी आर & डी / Nainital, U.P. - Advance Institute - 277139 (Uttarakhand)

Copy to:

1. ✓ Dr Santosh Kumar Upadhyay
Asst Professor
Department of Biotechnology
Bhimtal Campus, Kumaun University,
Nainital, Uttarakhand - 263001
2. PCDA R&D, DRDO Cell, West Block-V
RK Puram, New Delhi
3. SO to DG-LS
C/o Director General- Life Science
DRDO Bhawan, Rajaji Marg,
New Delhi-110 011
4. Dr. S M Gupta, Sc 'E'
Goraparao, PO Arjunpur
Haldwani, Distt. Nainital (Uttarakhand)
Pin 263139
5. Internal
Store, & Finance

-For info & necessary action please

-For info & necessary action please

-For info please

- For info & necessary action please

- For info & necessary action please

No.SR/WOS-A/EA-7/2019(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated: 31.03.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "*Basin configuration and paleogeography of the pre-cryogenian succession of lesser Himalayan succession of Kumaun sector*".

PI: Dr. Poonam Jalal, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs 31,37,832/- (Rupees Thirty One Lakh Thirty Seven Thousand Eight Hundred Thirty Two only) for a duration of 3 years. The detailed breakup of the grant for General (Rs. 30,95,832/-) as well as Capital (Rs 42,000/-) Components are given below

| Sl. No. | Heads | 1 st Year | 2 nd Year | 3 rd Year | Total |
|---------|--|----------------------|----------------------|----------------------|--------------------|
| A. | Non-Recurring (Capital Items) | | | | |
| | Equipments: Computer with accessories | 42,000/- | ----- | ----- | 42,000/- |
| B. | Recurring(General) | | | | |
| | Fellowship for Ph.D @ Rs. 55,000/M+HRA@8% | 7,12,800/- | 7,12,800/- | 7,12,800/- | 21,38,400/- |
| | Consumables | 1,50,000/- | 1,50,000/- | 1,50,000/- | 4,50,000/- |
| | Contingencies | 25,000/- | 25,000/- | 25,000/- | 75,000/- |
| | Travel | 70,000/- | 70,000/- | 60,000/- | 2,00,000/- |
| C. | Overhead@8% | 77,478/- | 77,477/- | 77,477/- | 2,32,432/- |
| D. | Total of Recurring Grant (B+C) | 10,35,278/- | 10,35,277/- | 10,25,277/- | 30,95,832/- |
| E. | GRAND TOTAL (A+D) | 10,77,278/- | 10,35,277/- | 10,25,277/- | 31,37,832/- |

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in
3. The sanction of the President is also accorded to the release of Rs 10,35,278/- (Rupees Ten Lac Thirty Five Thousand Two Hundred Seventy Eight only) under "General Component" The Registrar, Kumaun University, Nainital-263002, Uttarakhand being the first installment of the grant for the year 2019-2020 for implementation of the above mentioned project.
4. 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.
5. 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 instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. 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.
7. The grant-in-aid being released is subject to the condition that.
 - (a) A transparent procurement procedure in line with the Provisions 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 grant under the project shall be considered only on receipt of the said documents.

Contd..1/2

Poonam Jalal
19/9/2020
[Signature]

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during ~~EY 2018-2019 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, 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. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.~~

9. DST reserves sole rights on the assets created 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. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. 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.

12. 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.

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

14. The expenditure involved is debit to Demand No.86, Department of Science & Technology for the year 2019-20:

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 Grants-in-aid General for the year 2019-2020 (Voted)

(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of Rs 10,35,278/- (Rupees Ten Lac Thirty Five Thousand Two Hundred Seventy Eight only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Registrar, Kumaun University, Nainital-263002, Uttarakhand. The bank details for electronic transfer of funds through RTGS are given below:

Institute name : Kumaun University, Nainital
Bank Name : State Bank of India
Account Number : 10860839791
Branch : Nainital
IFSC code : SBIN0000687

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 745 in the register of grants maintained in the KIRAN Division for scheme (KIRAN: WOS-A).

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No/6216/2019-20 dated 11.03.2020

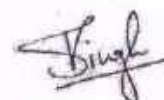
18. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.



(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
3. The Registrar, Kumaun University, Nainital-263002, Uttarakhand.
4. Dr. Rajeev Upadhyay, Professor, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.
5. Dr. Poonam Jalal, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.



(Vandana Singh)
Scientist-E

Annexure-II

Schedule of payments by BPCL to KU

Total project amount (hereinafter referred to as "GRANT / RESEARCH FUND"):
Rs. 50.76 Lakhs including applicable GST.

Detail Budget Estimation:

Table 3: Project Budget Break-up

| | Item | Budget, (₹) | | Total, (₹) | Basis for the proposed cost |
|---|-----------------------------|----------------------|----------------------|------------|---|
| | | 1 st Year | 2 nd Year | | |
| A | Recurring | | | | |
| 1 | Manpower | 11.28 | 11.28 | 22.55 | As per DST Guidelines |
| 2 | Consumables / raw materials | 5.50 | 5.50 | 11.00 | Required during lab testing |
| 3 | Travel | 1.00 | 1.00 | 2.00 | Required for meetings |
| 4 | Contingency | 1.78 | 1.78 | 3.56 | 10% of manpower, travel, consumables and travel |
| 5 | Overheads | 1.96 | 1.96 | 3.91 | 10% of project cost |
| | Total project cost (A) | 21.51 | 21.51 | 43.02 | |
| | GST @ 18% (B) | 3.87 | 3.87 | 7.74 | |
| | Grand total (A+B) | 25.38 | 25.38 | 50.76 | |

Table 4: Manpower Salary Break-up

| Cost Head | Basic salary, (₹)* | HRA @ 8%, (₹) | Duration, (months) | Total, (₹) |
|---------------------|--------------------|---------------|--------------------|------------|
| Project Scientist I | 56,000 | 4,480 | 12 | 7,25,760 |
| Project Associate I | 31,000 | 2,480 | 12 | 4,01,760 |
| | | | | 11,27,520 |

* As per SR/S9/Z-05/2019 Govt. of India, Ministry of Science & Technology, Department of Science & Technology, this issue with the approval of secretary, DST vide

5076000 ~
1127520 ~

6203520 ~

Balu

Jay

Dy. No. EF23171 dated 21.08.2019 and concurrence of IFD, DST vide Dy. No. C/2301 dated 21.08.2019

Payment schedule:

| | |
|----------------------------|---|
| 1 st Instalment | 30% of the sanctioned Research fund after successful completion of Deliverable-1. |
| 2 nd Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-2. |
| 3 rd Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-3. |
| 4 th Instalment | 20% of the sanctioned Research fund after successful completion of Deliverable-4. |
| 5 th Instalment | 10% of the sanctioned Research fund after successful completion of Deliverable-5. |

Taxes: The BPCL shall pay GST along with each of the above payments as per the Govt. of India notification. Any changes or amendment in taxation system of Government shall be automatically applicable for each of the above payments to the extent legally required.

Note: BPCL shall release the payments within 30 days from the date of KU's invoice as per the aforementioned payment schedule.

Daro

Jays

No.SR/WOS-A/EA-20/2019 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

11

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 26.08.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "**Assessment of tectonic deformation in Satluj river basin, Kinnaur using morphometric and geomorphic analysis**".

PI: Dr. Moulisree Joshi, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002, Uttarakhand.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 30,47,949/-** (Rupees Thirty Lakh Forty Seven Thosand Nine Hundred Fourty Nine only) for a duration of 3 years. The detailed breakup of the grant for General (**Rs. 28,89,174/-**) as well as Capital (**Rs 1,58,775/-**) Components are given below:

| Sl. No. | Heads | 1 st Year | | 2 nd Year | 3 rd Year | Total |
|-----------|--|----------------------|-----------------|----------------------|----------------------|--------------------|
| | | 6 Months | 6 Months | | | |
| A. | Non-Recurring (Capital Items) | | | | | |
| | Equipments: Computer, Camera | 1,58,775/- | | ----- | ----- | 1,58,775/- |
| B. | Recurring(General) | | | | | |
| | Fellowship for Ph.D @ Rs. 55,000/M+HRA@8% | 7,12,800/- | | 7,12,800/- | 7,12,800/- | 21,38,400/- |
| | Consumables Including OSL data charges | 70,000/- | | 70,000/- | 60,000/- | 2,00,000/- |
| | Contingencies | 25,000/- | | 25,000/- | 25,000/- | 75,000/- |
| | Travel: Including field visit | | 90,000/- | 80,000/- | 80,000/- | 2,50,000/- |
| C. | Overhead@8% | 75,258/- | | 75,258/- | 75,258/- | 2,25,774/- |
| D. | Total of Recurring Grant(B+C) | 8,83,058/- | | 9,63,058/- | 9,53,058/- | 28,89,174/- |
| E. | GRAND TOTAL (A+D) | 10,41,833/- | 90,000/- | 9,63,058/- | 9,53,058/- | 30,47,949/- |

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in
3. The sanction of the President is also accorded to the release of **Rs 8,83,058/- (Rupees Eight Lakh Eighty Three Thousand Fifty Eight only)** under "General Component" The **Finance Officer, Kumaun University, Nainital-263002, Uttarakhand** being the first installment of the grant for the year 2020-2021 for implementation of the above mentioned project.
4. 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.
5. 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 instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. 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.
7. The grant-in-aid being released is subject to the condition that.
- (a) A transparent procurement procedure in line with the Provisions 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 grant under the project shall be considered only on receipt of the said documents.
8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) 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 2020-2021 and onwards interest 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. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.
9. DST reserves sole rights on the assets created 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. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
11. 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.
12. 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.
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:
- 3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 **Grants-in-aid General for the year 2020-2021 (Voted)**
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)
15. The amount of **Rs 8,83,058/- (Rupees Eight Lakh Eighty Three Thousand Fifty Eight only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **The Finance Officer, Kumaun University, Nainital-263002, Uttarakhand**. The bank details for electronic transfer of funds through RTGS are given below:-

Institute name : Kumaun University, Nainital
Bank Name : State Bank of India
Account Number : 10860839791
Branch : Nainital
IFSC code : SBIN0000687

16. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM and PI will also follow DoE's guidelines for incurring expenditure under the different sub-head.

17. The project continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Scheme under which these projects are funded as approved by DoE vide their OM No.42(02)/PF-II/2014, dated 06.08.2020.

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **288** in the register of grants maintained in the **KIRAN Division** for scheme (**KIRAN: WOS-A**).

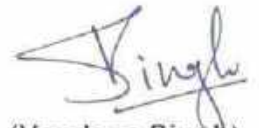
19. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/1487/2020-21 dated 20.08.2020.



(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Finance Officer, Kumaun University, Nainital-263002, Uttarakhand.
4. Dr. Bahadur Singh Kotlia, Professor, Research Scientist-C, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002, Uttarakhand.
5. Dr. Moulishree Joshi, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002 Uttarakhand.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.



(Vandana Singh)
Scientist-E