

BT/KIS/123/SP23438/2017
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 6-8th Floors,
CGO Complex, Lodi Road,
New Delhi – 110003

Dated: 14.03.2018

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the Project entitled “**Establishment of Biotech-KISAN Hub at West Bengal University of Animal and Fisheries Sciences, Kolkata**” at a total cost of ₹ **137.03 lakhs (Rupees One Crore Thirty Seven lakhs Three thousand only)** at West Bengal University of Animal and Fisheries Sciences, Kolkata on the terms and conditions detailed here under:

2.0 The Project:

2.1 Title: Establishment of Biotech-KISAN Hub at West Bengal University of Animal and Fisheries Sciences, Kolkata

2.2 Investigator:

Name of the Hub Facilitator & Implementing Institute: Dr Keshab Chandra Dhara
Assistant Director of Farms,
Directorate of Research, Extension and Farms, West Bengal
University of Animal & Fishery Sciences, 37 & 68 Kshudiram Bose Sarani, Kolkata – 700037, West Bengal

Name of the Co-PI(s) & Implementing Institute(s):

1. Dr. Nilendu Jyoti Maitra, Senior Scientist and Head, Ramkrishna Ashram Krishi Vigyan Kendra, Sri Ramkrishna Ashram, Nimpith, P.O. Nimpith Ashram, Dist. – South 24 Parganas -743338 (Sundarbans), West Bengal
2. Dr. Rupak Goswami, Astd. Professor, Faculty of ‘Integrated Rural Development and Management (IRDM)’ Ramakrishna Mission, Vivekananda University, PO Belur Math, Dist Howrah – 711202, West Bengal

2.3 Project Objectives:

AGRO-CLIMATIC ZONE: Lower Gangetic Plains Region

1. Survey about the Garole Sheep and Black Bengal Goat population at Sunderban area in West Bengal.
2. Survey about the socio-economic status of the Farmers of the Sunderban area in West Bengal.
3. Analysis of survey records with statistical interference.
4. Selection of 1000 Farmers out of which 600 will be female Farmers
5. Selection of 50 best male and 500 best female Garole sheep and Black Bengal Goat of each breed from the farmers of Sunderban for rearing in organized farming system in University Farm and best stock will be distributed among 1000 farmers. Quality male

and female are also to be procured from CSWRI, Avikanagar, Rajasthan and CIRG, Makhdoom, UP.

6. Establishment of HUB for farmers' knowledge through ICT.
7. Generation of software to meet up the requirement of farmers.
8. Training of 400 farmers about scientific rearing practices of Garole Sheep and Black Bengal Goat considering 40 numbers of farmers in each batch for 5 days
9. Training of 40 scientists about modern scientific know how about Garole Sheep and Black Bengal Goat considering 20 numbers of scientist in each batch for 5 days
10. Maintenance of the farm animals with suitable prophylactic, proper managerial practices and proper herd record of the selected animals.
11. Study of economics or rearing of such animals along with productive and reproductive performances of those animals.
12. Production of kids of those breeds
13. Organization of MELA and EXHIBITION for farmers' awareness.
14. Fellowship to the women farmers.

Activity Milestones / Timelines:

The series of the activities to be carried out with the timeline are as detailed below:

Farmers' Training Programme to be held				
Title of the training	Duration	Frequency	Year I	Year II
Proper knowledge of breed up-gradation and Conservation of Sheep and Goat	5 days	Annually	Total 320 nos. of farmers to be trained	Total 320 nos. of farmers to be trained
Sheep and Goat meat processing	5 days	Annually		
First aid treatment and methodology in Sheep and Goat	5 days	Annually		
Parasitic control of Sheep and Goat	5 days	Annually		
Care and management of Sheep and Goat	5 days	Annually		
Use of ITK for yield enhancement and prevention of Sheep and Goat diseases	5 days	Annually		
Improved production and management practices for Sheep and Goat	5 days	Annually		
Economics of profitable Sheep and Goat production for entrepreneurship development	5 days	Annually		
Scientists' Training Programme to be held				
Sexual Health Control/Fertility Management of Sheep and Goat	5 days	Annually	Total 40 nos. of Scientists to be trained	Total 40 nos. of Scientists to be trained
Disease Surveillance and Monitoring for Sheep and Goat	5 days	Annually		

Activities proposed for each of the partnering institute with timelines

A. Ramakrishna Mission Vivekananda University, Kolkata

Farmers' Training Programme to be held				
Title of the training	Duration	Frequency	Year I	Year II
Role of Women in farming for sustainable livelihood through Sheep and Goat	5 days	Annually	Total 20 nos. of farmers to be trained	Total 20 nos. of farmers to be trained
Scientists' Training Programme to be held				
Extension Management and Export Oriented Sheep and Goat Production	5 days	Annually	Total 20 nos. of Scientists to be trained	

B. Sri Ramkrishna Ashram KVK, Nimpith

Farmers' Training Programme to be held				
Title of the training	Duration	Frequency	Year I	Year II
Knowledge and technique of vaccination against common and predominant diseases of Sheep and Goat	5 days	Annually	Total 60 nos. of farmers to be trained	Total 60 nos. of farmers to be trained
Improved methods of Sheep and Goat production	5 days	Annually		

Anticipated Outcome:

The present study should be taken up to identify and record the physical characteristics, productive and reproductive performances of Garole sheep and Black Bengal goat of Sunderban of the state of West Bengal with a view to livelihood security of the poor people of sunderban production. Through this genetic security, the so-called huge poor sheep and goat may be managed with less feed consumption and more disease resistance power to augment meat production mainly.

- Trained animal husbandry farmers in 1000 in number.
- The Project will help in poverty alleviation and rural development.
- The project will in generating additional employment particularly for landless and marginal farmers.
- The Project will produce 1000 young stocks annually for distribution among farmers.

2.4 Time Schedule:

The duration of the project is **two** years from the date of this sanction order.

2.5 Equipment: At Main Biotech-KISAN Hub

S. No.	Name of Equipment	No. of Items	Estimated Cost (₹ in lakhs)
Items Required for Training Hall:			
1.	HP Pavillion Laptop	1	0.75
2.	LG PW800G LED Mini Beam Projector	1	0.65
3.	Nikon D800 SLR (including lense)	1	2.65
4.	Conference Table Encarta	40	2.37
5.	Chair PCH 7046R	40	2.07
6.	2 ton 3 star AC with installation	2	0.98
7.	2x2 False Ceiling Mounted Light	8	0.56
Total:			10.03

2.6 Project Cost:

The year-wise estimated cost of the project is as under:

S. No. Item	Amount (₹ in lakh)		
	Year I	Year II	Total
I. Budget for KISAN Hub			
1. Non-recurring	10.03	0.00	10.03
2. Recurring	38.00	38.00	76.00
II. Cost for implementing two activities at farmers' level @₹ 5.00 lakhs each activity*	10.00	10.00	20.00
III. Budget for Farmers' Training Institute	10.00	10.00	20.00
IV. Budget for Scientists' Training Institute	5.50	5.50	11.00
Total (I+II+III+IV):	73.53	63.50	137.03

* Break up of Budget for each Partner Institution for each activity

Amount (₹ in lakhs)			
Sl. No.	Year I	Year II	Total
Recurring:			
Consumables	4.00	4.00	8.00
Travel	0.50	0.50	1.00
Contingencies	0.50	0.50	1.00
Total	5.00	5.00	10.00

3. The involved is debit to Demand No. 85: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities; 29.17: Assistance for Research and Development; 29.17.31: Grants-in-Aid General for the year 2017-2018.

4. **Other terms and conditions:**

- 4.1 The other terms and conditions governing this sanction are attached at Annexure 'I'.
 - 4.2 As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPE) Act, 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.
 - 4.3 A Memorandum of Agreement (MOA) will be signed between the Department and the grantee institute on a Non-Judicial stamp paper of an appropriate value in the format given at Annexure II and the second release will be effected after execution of MOA between the grantee institution and the DBT.
 - 4.4 **The Institute / Agency will keep the whole of the grant in the Bank Account earning interest, and the Interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure.** The Interest so earned will be treated as created to the Institute / Agency and shall be adjusted towards further instalment of the grant and / or at the time of Final Settlement of Accounts.
 - 4.5 The Non-recurring grant should be utilized in span of 18 months from the date of its release, failing which the PI has to return the remaining / unutilized Non-recurring grant with 10% interest.
 - 4.6 All efforts should be made by the institution(s) to use Expenditure Advance & Transfer (EAT) Module of Public Financial Management System (PFMS) during implementation of the project.
5. No international travel shall be undertaken from the sanctioned project grant unless specified otherwise.
6. The **Registrar, West Bengal University of Animal and Fisheries Sciences, Kolkata** would be responsible for submission of Statement of Expenditure and consolidated Utilization Certificate to DBT and PIs in respect of grants released against this order from time to time.
7. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/4686/2017-2018 dated 14.03.2018.



(Dr. Mohd. Aslam)
Scientist 'G'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road, New Delhi – 110003

Copy to:

1. The Director of Audit (Scientific Departments), AGCR Building, New Delhi—110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Dr Keshab Chandra Dhara, Assistant Director of Farms, Directorate of Research, Extension and Farms, West Bengal University of Animal & Fishery Sciences, 37 & 68 Kshudiram Bose Sarani, Kolkata – 700037, West Bengal
6. The Registrar, West Bengal University of Animal and Fisheries Sciences, 68, Kashudiram Bose Sarani, Belgachina, Kolkata – 700037

Mohd. Aslam

(Dr. Mohd. Aslam)
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New Delhi – 110003

Dated: 14.03.2018

ORDER

In continuation of this Department's sanction order of even number dated 14.03.2018, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for release of a sum of ₹ 10.03 lakhs (Rupees Ten lakhs Three thousand only) to West Bengal University of Animal and Fisheries Sciences, Kolkata being the first release under Non-recurring head 'Equipment' for implementation of the project entitled "**Establishment of Biotech-KISAN Hub at West Bengal University of Animal and Fisheries Sciences, Kolkata**" as per the following details:

S. No.	Name of Equipment	No. of Items	Estimated Cost (₹ in lakhs)
Items Required for Training Hall:			
1.	HP Pavillion Laptop	1	0.75
2.	LG PW800G LED Mini Beam Projector	1	0.65
3.	Nikon D800 SLR (including lense)	1	2.65
4.	Conference Table Encarta	40	2.37
5.	Chair PCH 7046R	40	2.07
6.	2 ton 3 star AC with installation	2	0.98
7.	2x2 False Ceiling Mounted Light	8	0.56
Total:			10.03

- The other terms and conditions governing the financial sanction will remain unaltered.
- The amount of ₹ 10.03 lakhs (Rupees Ten lakhs Three thousand only) shall be directly credited by PAO to the bank account of **the Registrar, West Bengal University of Animal and Fisheries Sciences, Kolkata** through RTGS, as per the following bank details:

Name of the Bank: IDBI Bank, Shyambazar, Kolkata

Account No.: 0262104000049452

IFSC Code: IBKL0000262

- The expenditure involved is Demand No. 85: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities; 29.17: Assistance for Research and Development; 29.17.35: Grants for Creation of Capital Assets for the year 2017-2018.
- Being the first release for this project, no utilization certificate is pending with the implementing institute. All the Utilization Certificates due for rendition have been received and accepted by the Head of Division / competent authority.

6. The Non-recurring grant should be utilized in span of 18 months from the date of its release, failing which the PI has to return the remaining / unutilized Non-recurring grant with 10% interest.
7. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.
8. The **Registrar, West Bengal University of Animal and Fisheries Sciences, Kolkata** would be responsible for submission of Statement of Expenditure and consolidated Utilization Certificate to DBT and PIs in respect of grants released against this order from time to time.
9. As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPE) Act, 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.
10. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/4688/2017-2018 dated 14.03.2018.
11. This sanction order has been noted at Serial No. in the Register of Grants.



(Dr. Mohd. Aslam)
Scientist 'G'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road,
New Delhi – 110003

Copy to:

1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi – 110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Dr Keshab Chandra Dhara, Assistant Director of Farms, Directorate of Research, Extension and Farms, West Bengal University of Animal & Fishery Sciences, 37 & 68 Kshudiram Bose Sarani, Kolkata – 700037, West Bengal
6. The Registrar, West Bengal University of Animal and Fisheries Sciences, 68, Kashudiram Bose Sarani, Belgachina, Kolkata – 700037



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New Delhi – 110003

Dated: 14.03.2018

ORDER

In continuation of this Department's sanction order of even number dated 14.03.2018, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the release of a sum of ₹ 63.50 lakhs (Rupees Sixty Three lakhs Fifty thousand only) to West Bengal University of Animal and Fisheries Sciences, Kolkata being the first release under Recurring heads for implementation of the project entitled “**Establishment of Biotech-KISAN Hub at West Bengal University of Animal and Fisheries Sciences, Kolkata**” as per breakup given below:

S. No.	Item	Amount (₹ in lakh)
I.	Recurring Budget for KISAN Hub	38.00
II.	Cost for implementing two activities at farmers' level @₹ 5.00 lakhs each activity	10.00
III.	Budget for Farmers' Training Institute	10.00
IV.	Budget for Scientists' Training Institute	5.50
Total (I+II+III+IV):		63.50

2. The other terms and conditions governing the financial sanction will remain unaltered.
3. The amount of ₹ 63.50 lakhs (Rupees Sixty Three lakhs Fifty thousand only) shall be directly credited by PAO to the bank account of **the Registrar, West Bengal University of Animal and Fisheries Sciences, Kolkata** through RTGS, as per the following bank details:
Name of the Bank: IDBI Bank, Shyambazar, Kolkata
Account No.: 0262104000049452
IFSC Code: IBKL0000262
4. The expenditure involved is debit to 85: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities; 29.17: Assistance for Research and Development; 29.17.31: Grants-in-Aid General for the year 2017-2018.
5. Being the first release for this project, no utilization certificate is pending with the implementing institute. All the Utilization Certificates due for rendition have been received and accepted by the Head of Division / competent authority.
6. The **Registrar, West Bengal University of Animal and Fisheries Sciences, Kolkata** will submit the audited utilization certificate and statement of expenditure in respect of the above mentioned amount.
7. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.

8. As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPE) Act, 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.
9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/4687/2017-2018 dated 14.03.2018.
10. This sanction order has been noted at Serial No. in the Register of Grants.

Mohd. Aslam

(Dr. Mohd. Aslam)
Scientist 'G'

To,

The Pay & Accounts Officer,
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6. The Registrar, West Bengal University of Animal and Fisheries Sciences, 68, Kashudiram Bose Sarani, Belgachina, Kolkata – 700037

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