

Memorandum of Understanding

An Agreement made on this 31st th day of August of Two thousand nine between the National Bureau of Soil Survey and Land Use Planning, hereinafter referred to as the NBSS and LUP (ICAR), Shankarnagar, Amaravati Road, Nagpur, 440010, and having its Regional Centre at Jorhat, Assam, which expression shall include its successor and assigns of the one part and the Governor of Assam represented by the Secretary to the Government of Assam, Agriculture Department which expression shall include its successors and assigns of the other part.

Whereas the Department of Agriculture, Government of Assam is actively involved in the agricultural development of the state and it is recognized that NBSS and LUP (ICAR) have common interest in Natural Resource Management with special reference to status of important soil parameters and macro and micronutrients in the State of Assam. To this end, it has been agreed upon by both the parties that NBSS and LUP (ICAR) shall undertake mapping of nutrients status in soils of 13 districts of Assam covered under National Food Security Mission-Rice and the Department of Agriculture, Government of Assam shall make payment for the same ^{from N.F.S.M. fund} as per terms and conditions of the proposal mutually agreed upon under this Agreement.

Now it is hereby mutually agreed and declared by and between parties hereto as follow :-

NBSS and LUP (ICAR) shall undertake the work as per the terms and conditions of the project proposal enclosed at Appendix and At Annexure I to VI of this Agreement.


Department of Agriculture, Government of Assam shall not entertain any excess expenditure from the provision made in the agreement unless prior approval is taken from Department of Agriculture, Government of Assam for any enhancement due to unavoidable reasons.

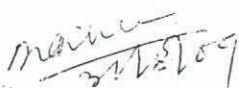
The research programme shall be reviewed quarterly by Department of Agriculture, Government of Assam and NBSS and LUP(ICAR) and a progress report shall be submitted by Research Scientists, NBSS and LUP(ICAR) of respective discipline to the State Government.

Both the parties shall abide by this Agreement and in case of any dispute both shall resolve the matter by mutual Agreement.

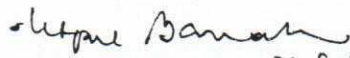
Department of Agriculture, Government of Assam shall be at liberty to revoke and / or cancel the agreement contemplated here at any point by giving one month notice or its intention to do so, to the NBSS and LUP(ICAR). It shall not be necessary for Department of Agriculture, Government of Assam to assign any reason to NBSS and LUP(ICAR) for its actions contemplated in this para.

In witness thereof the parties hereto have set their hand and seal in this deed on this 31st day of August, Two thousand nine, in presence of the witnesses.


(DIPAK SARKAR)
Director
NBSS and LUP(ICAR), Nagpur

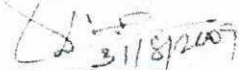

(MRIGENDRA KALITA)
Secretary to the Government of Assam
Agriculture Department, Dispur.


Witness


1. DR. UTPAL BARUAH 31-8-09,
Principal Scientist & Head
Regional Centre
NBSS and LUP(ICAR), Jorhat

2. DR. T H. DAS
Principal Scientist, Regional Centre
NBSS and LUP(ICAR), Jorhat.

Witness


1. DR. P. KALITA
Director of Agriculture
Government of Assam
Khanapara, Guwahati


VERIFIED BY
REGISTRAR
ON 10.2.09.

Sub Project - 1
Budget Estimate

ANNEXURE - I

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 1,75,000/-
2.	Contingency for collection of soil samples from approximately 10,000 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle (need based)/ Mobile Van (training-cum-exhibition unit) local transport, labour charges, TA & DA, etc. of field staff)	Rs. 7,50,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 5,04,000 Rs. 1,25,000 Rs. 7,20,000
4.	Cost of soil analysis including chemicals, glasswares, repairing of instrument including engagement of Research Scholar/Skilled manpower, etc.	Rs. 25,50,000
5.	Cost of physical inputs (Lab. Equipments, Computer, software, etc.)	Rs. 1,00,000
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.50,000/- b) Report printing - Rs.30,000/-	Rs. 80,000
	TOTAL (1 to 6)	Rs. 50,04,000
7.	Overhead cost (20% of the total cost)	Rs. 10,00,800
	TOTAL (1 to 7)	Rs. 60,04,800
	B. INTELLECTUAL FEE*	Rs. 6,00,480
	TOTAL COST OF THE PROJECT (A+ B)	Rs. 66,05,280

Total expenditure = Rs. 66,05,280/- = Rs.66,05,300/- (Rupees Sixty six lakhs five thousand three hundred only)

*Breakup of intellectual fee

Item	Amount (Rs.)
Honorarium/Consultants (60%)	3,60,288/-
Institutional fund (35%)	2,10,168/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	
Institute 3.5%	21,016/-
ICAR Headquarters 1.5%	9,008/-
TOTAL	6,00,480/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 52,84,240/-
After submission of draft report/maps	-	15%	=	Rs. 9,90,795/-
After submission of final report	-	5%	=	Rs. 3,30,265/-
		Total		= Rs. 66,05,300/-

(Rupees Sixty six lakhs five thousand three hundred only)

(U. BARUAH)
HEAD OF THE REGIONAL CENTRE
JORHAT

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**Sub Project - 2
Budget Estimate**

ANNEXURE - II

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 1,00,000/-
2.	Contingency for collection of soil samples from approximately 6600 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle (need based)/ Mobile Van (training cum exhibition unit) , local transport, labour charges, PA & DA, etc. of field staff)	Rs. 6,00,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 3,60,000/- Rs. 82,500/- Rs. 4,32,000/-
4.	Cost of soil analysis including chemicals, glasswares, repairing of instrument including engagement of Research Scholar/Skilled manpower, etc.	Rs. 20,00,000/-
5.	Cost of physical inputs (Lab. Equipments, etc Computer PC / Soft ware)	Rs. 1,00,000/-
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.20,000/- b) Report printing - Rs.10,000/-	Rs. 30,000/-
	TOTAL (1 to 6)	Rs. 37,04,500/-
7.	Overhead cost (20% of the total cost) i.e. 1-6	Rs. 7,40,900/-
	TOTAL (1 to 7)	Rs. 44,45,400/-
	B. INTELLECTUAL FEE*	Rs. 4,44,540/-
	TOTAL COST OF THE PROJECT (A+ B)	Rs. 48,89,940/-

Total expenditure = Rs. . 48,89,940/- = ≈Rs. 48,90,000/-

(Rupees Forty eight lakhs ninety thousand only)

*Breakup of intellectual fee

Item	Amount (Rs.)
Honorarium/Consultants (60%)	2,66,724/-
Institutional fund (35%)	1,55,589/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	22,227/-
Institute 3.5%	15,559/-
ICAR Headquarters 1.5%	6,668/-
TOTAL	4,44,540/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 39,12,000/-
After submission of draft report/maps	-	15%	=	Rs. 7,33,500/-
After submission of final report	-	5%	=	Rs. 2,44,500/-
		Total	=	Rs. 48,90,000/-

(Rupees Forty eight lakhs ninety thousand only)

(U. BARUAH)
HEAD OF THE REGIONAL CENTRE

2 Jan 2009

**Sub Project - 3
Budget Estimate**

ANNEXURE - III

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 75,000/-
2.	Contingency for collection of soil samples from approximately 4180 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle, local transport, labour charges, TA & DA, etc. of field staff)	Rs. 4,00,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 2,16,000/- Rs. 80,000/- Rs. 2,88,000/-
4.	Cost of soil analysis including chemicals, glasswares, etc.	Rs. 7,73,300/-
5.	Cost of physical inputs (Lab. Equipments, Computer, etc.)	Rs. 1,00,000/-
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.30,000/- b) Report printing - Rs.25,000/-	Rs. 55,000/-
	TOTAL (1 to 6)	Rs. 19,87,300/-
7.	Overhead cost (20% of the total cost)	Rs. 3,97,460/-
	TOTAL (1 to 7)	Rs. 23,84,760/-
	B. INTELLECTUAL FEE*	Rs. 2,38,476/-
	TOTAL COST OF THE PROJECT (A+B)	Rs. 26,23,236/-

Total expenditure = Rs. 26,23,236/- = Rs. 26,23,000/-
(Rupees Twenty six lakhs twenty three thousand only)

***Breakup of intellectual fee**

Item	Amount (Rs.)
Honorarium/Consultants (60%)	1,43,086/-
Institutional fund (35%)	83,466/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	
Institute 3.5%	8,347/-
ICAR Headquarters 1.5%	3,577/-
TOTAL	Rs. 2,38,476/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 20,98,400/-
After submission of draft report/maps	-	15%	=	Rs. 3,93,450/-
After submission of final report	-	5%	=	Rs. 1,31,150/-
		Total	=	Rs. 26,23,000/-

(Rupees Twenty six lakhs twenty three thousand only)

(U. BARUAH)
HEAD OF THE REGIONAL CENTRE, JORHAT

26.1.09

**Sub Project - 4
Budget Estimate**

ANNEXURE - IV

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 80,000/-
2.	Contingency for collection of soil samples from approximately 4175 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle, local transport, labour charges, TA & DA, etc. of field staff)	Rs. 3,13,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 2,16,000/- Rs. 80,000/- Rs. 2,88,000/-
4.	Cost of soil analysis including chemicals, glasswares, etc.	Rs. 7,72,000/-
5.	Cost of physical inputs (Lab. Equipments, etc.) <i>accompanied by</i>	Rs. 50,000/-
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.30,000/- b) Report printing - Rs.20,000/-	Rs. 50,000/-
	TOTAL (1 to 6)	Rs. 18,49,000/-
7.	Overhead cost (20% of the total cost)	Rs. 3,69,800/-
	TOTAL (1 to 7)	Rs. 22,18,800/-
	B. INTELLECTUAL FEE*	Rs. 2,21,880
	TOTAL COST OF THE PROJECT (A+ B)	Rs. 24,40,680/-

Total expenditure = Rs. 24,40,680/- = Rs. 24,40,700/- (Rupees Twenty four lakhs forty thousand seven hundred only)

***Breakup of intellectual fee**

Item	Amount (Rs.)
Honorarium/Consultants (60%)	1,33,128/-
Institutional fund (35%)	77,658/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	
Institute 3.5%	7,766/-
ICAR Headquarters 1.5%	3,328/-
TOTAL	Rs. 2,21,880/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 19,52,560/-
After submission of draft report/maps	-	15%	=	Rs. 3,66,105/-
After submission of final report	-	5%	=	Rs. 1,22,035/-
		Total	=	Rs. 24,40,700/-

(Rupees Twenty four lakhs forty thousand seven hundred only)

[Signature]
(G. BARUAH)
HEAD OF THE REGIONAL CENTRE

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**Sub Project - 5
Budget Estimate**

ANNEXURE - V

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 80,000/-
2.	Contingency for collection of soil samples from approximately 2870 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle need based, local transport, labour charges, TA & DA, etc. of field staff)	Rs. 2,15,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 1,44,000/- Rs. 35,900/- Rs. 2,88,000/-
4.	Cost of soil analysis including chemicals, glasswares, etc.	Rs. 6,00,000/-
5.	Cost of physical inputs (Lab. Equipments, etc.)	Rs. 50,000/-
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.10,000/- b) Report printing - Rs.10,000/-	Rs. 20,000/-
	TOTAL (1 to 6)	Rs. 17,56,000/-
7.	Overhead cost (20% of the total cost)	Rs. 3,51,200/-
	TOTAL (1 to 7)	Rs. 21,07,200/-
	B. INTELLECTUAL FEE*	Rs. 2,10,720/-
	TOTAL COST OF THE PROJECT (A+ B)	Rs. 23,17,920/-

Total expenditure = Rs. 23,17,920/- =Rs. 23,18,000/- (Rupees
Twenty three lakhs eighteen thousand only)

***Breakup of intellectual fee**

Item	Amount (Rs.)
Honorarium/Consultants (60%)	1,26,432/-
Institutional fund (35%)	73,752/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	
Institute 3.5%	7,375/-
ICAR Headquarters 1.5%	3,161/-
TOTAL	2,10,720/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 18,54,400/-
After submission of draft report/maps	-	15%	=	Rs. 3,47,700/-
After submission of final report	-	5%	=	Rs. 1,15,900/-
		Total	=	Rs. 23,18,000/-

(Rupees Twenty three lakhs eighteen thousand only)

(U. BARUAH)
HEAD OF THE REGIONAL CENTRE

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**Sub Project - 6
Budget Estimate**

ANNEXURE - VI

Sl.No.	Items	Amount (Rs.)
A. EXPENSES		
1.	Cost of man days of staff deployed	Rs. 1,25,000/-
2.	Contingency for collection of soil samples from approximately 3156 Grid Points at the interval of 1.0 km. (Contingency for soil survey articles and POL, hiring of vehicle need based, local transport, labour charges, TA & DA, etc. of field staff)	Rs. 6,20,000/-
3.	Contractual Manpower for collection of soil samples, soil grinding, soil analysis and data entry a) Manpower for field work (skilled) b) Manpower for soil grinding (unskilled) c) Manpower for soil analysis and data entry (skilled)	Rs. 3,60,000/- Rs. 50,000/- Rs. 1,80,000/-
4.	Cost of soil analysis including chemicals, glasswares, etc.	Rs. 7,45,000/-
5.	Cost of physical inputs (Computer and GIS, etc. <i>software etc</i>)	Rs. 85,000/-
6.	Data processing, report finalisation and printing a) Computer aided cartographic and GIS materials - Rs.20,000/- b) Report printing - Rs.15,000/-	Rs. 35,000/-
	TOTAL (1 to 6)	Rs. 22,00,000/-
7.	Overhead cost (20% of the total cost)	Rs. 4,40,000/-
	TOTAL (1 to 7)	Rs. 26,40,000/-
	B. INTELLECTUAL FEE*	Rs. 2,64,000/-
	TOTAL COST OF THE PROJECT (A+B)	Rs. 29,04,000/-

Total expenditure = Rs. 29,04,000/-

(Rupees Twenty nine lakhs four thousand only)

***Breakup of Intellectual fee**

Item	Amount (Rs.)
Honorarium/Consultants (60%)	1,58,400/-
Institutional fund (35%)	92,400/-
Staff Welfare Fund (5% = 3.5% + 1.5%)	
Institute 3.5%	9,240/-
ICAR Headquarters 1.5%	3,960/-
TOTAL	Rs. 2,64,000/-

SCHEDULE OF PAYMENT

At the commencement of the project	-	80%	=	Rs. 23,23,200/-
After submission of draft report/maps	-	15%	=	Rs. 4,35,600/-
After submission of final report	-	5%	=	Rs. 1,45,200/-
		Total=		Rs. 29,04,000/-

(Rupees Twenty nine lakhs four thousand only)

(U. BARUAH)
HEAD OF THE REGIONAL CENTRE

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