

Q List of M.O.U.s during the year 2007

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S.No.	Reg. No.	Date of M.O.U.	Particulars
1	5102	19-04-2007	M.O.U. between University of Horticulture & Forestry, Ranichauri & The Board of Trustees of the University of ILLINOIS, Urbana Illinois U.S. in order to facilitate international academic exchange to develop academic and scientific relationship, and in support of collaborative research activities.
2	5104	10-05-2007	M.O.U. between G.B.P.U.A.&T. Pantnagar and Project Manager, E&M Unit, Construction Wing, Uttaranchal Pradesh Nigam, Haldwari for Construction of deep tube well at Khanna farm, Bhagwanpur.
3	5105		M.O.U. Between Agribusiness Management- (CAB) G.B.P.U.A.&T. Pantnagar and Pantaloon Retail (India) Ltd. Vajesthware East-Mumbai-60. regarding joint activities on number of aspects.
4	5106	05-05-2007	Addendum to the MOU dt. 31-01-2006 betw G.B.P.U.A.&T. Pantnagar & Armaco Consult Pvt-Ltd, Mumbai regarding carry out-1 Collaborative venture on terms & conditions of the MOU. to propagate, cultivate, extract and purify artemisinin from ARTEMISIA ANNUA MRDC.
5	5107	13-06-2007	M.O.U. between G.B.P.U.A.&T. Pantnagar & India Council of Agricultural Research, N. Selk regarding Scientific & Technical Cooperation in the implementation of the Project on KVK at Motela (Almora)
6	5108	10-04-2007 20-06-2007	between The Regents of the University of California USA & G.B.P.U.A.&T. Pantnagar.

List of M.O.U. during the year 2007

2

Sl. No	Reg. No.	Date of MOU	Particulars
7	5109	16-05-2007	M.O.U. between Institute of International Agriculture (IIA) at Michigan State Univ. & G.B.P.U.A&T. Pantnagar for World Tech. access Program. (World TAP)
8	5171	-	M.O.U. between Project officer, Uttarakhand Renewable Energy Development Agency (UREDA) U.S. Nagar & University for Solar Water Heater in Shivalik Hostel, Pantnagar
9	5172	23-07-2007	M.O.U. between Project Manager Uttarakhand Paryat Samsadhan Vikas & Nirman Nigam (UTPSVNN) U.S. Nagar & University for Const. of building for extension of College Home Science.
10	5173	20-09-2007	M.O.U. between Project Manager, Uttarakhand Paryat Samsadhan Vikas & Nirman Nigam (UTPSVNN) U.S. Nagar & University to execute the construction of residences for the welfare of scheduled caste at Pantnagar Univ.
11	5174	10-07-2007	M.O.U. cum License Agreement between Bha Foundation & Indian Trust, New Delhi & University regarding setting up vill. based Satya Bhavali Schools (Pre primary, Primary)
12	5175	21-11-2007	M.O.U. between Uttarakhand Krishi Utpadan Mandi Parishad, Rudrapur & University regarding construction of Administrative building, Farmers Hostel & Residential building at KVK Malela (Almora)



5102

कुलपति कार्यालय  
गोविन्द बल्लभ पंत कृषि एवं प्रौद्योगिक विश्वविद्यालय,  
पन्तनगर-263145, रुधम सिंह नगर (उत्तरांचल)

कुलपति के विशेष कार्याधिकारी

पत्रांक : वीसी/ओएसडी/898

दिनांक : 25/4/07

Comptroller

A copy each of the MOVs  
Signed by G.B.P.U.A.&T and  
Univ. of Horti & Forestry with  
Univ. of Illinois, U.S.A. is  
sent herewith for record  
in the safe-custody of  
Comptroller please.

Encl: a/s

Capman

cc: Comptroller, Univ. of Horti &  
Forestry, Ramchauri with  
a copy of the MOVs signed  
on behalf of U.H.F. M.

वरला

कृषि

सुरक्षित रखें,

for

निदेशक  
26/4/07

नियंत्रक कार्यालय

पत्र सं० 155

दिनांक 25/4/07

# **MEMORANDUM OF UNDERSTANDING**

Between

**UNIVERSITY OF HORTICULTURE & FORESTRY, RANICHAURI, INDIA**

And

**THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS**

Urbana, Illinois 61801  
United States of America

In order to facilitate international academic exchange, to develop academic and scientific relationships, and in support of collaborative research activities the University of Horticulture & Forestry, in Ranichauri, India, and the Board of Trustees of the University of Illinois, with principal offices at the Urbana-Champaign campus, in Urbana, Illinois, U.S.A., through its College of Agricultural, Consumer, and Environmental Studies, agree to establish this Memorandum of Understanding (MOU) as a framework for cooperative programs.

## **ARTICLE I**

### **University Personnel Exchange and Visits**

It is agreed that linkages will be strengthened by university personnel visits and exchanges between the collaborating institutions. The purpose is to exchange scientific information and develop specific cooperative projects and programs. Arrangements for each such visit will be made under the aegis of the institutions. Purpose, timing and other details concerning exchanges and short visits shall be mutually acceptable to the institutions. It is agreed that information concerning the purpose and duration of faculty and/or student visits, the research backgrounds of personnel and further details, as required, will be provided to the host institution at least two months prior to the proposed visit.

## **ARTICLE II**

### **Cooperative Research**

It is recognized that significant opportunities will exist for cooperative research at the collaborating institutions. Such clearly beneficial activities may require specific arrangements. In view of the importance of cooperative research, collaborating institutions agree to give a high priority to this within their overall relationships.

## **ARTICLE III**

### **Areas of Academic Interest**

Every effort will be made to encourage productive relationships and exchanges in all agricultural related fields identified by interested members of collaborating institutions.

## **ARTICLE IV**

### **Post Graduate Degree Training**

The collaborating institutions recognize that there are considerable benefits when graduate students are provided with opportunities for conducting at least some of their research abroad. Efforts will be made, accordingly, to expand opportunities toward this objective. Arrangements to this end will be considered initially on a case-by-case basis. It is agreed that as much as practicable, graduate-level research and training

2264 Robert E. Cole      D. A. T.      \_\_\_\_\_



will be considered an essential component for inclusion in externally funded projects. Short-term, non-degree training will also be considered as part of this agreement.

With respect to student programs, the acceptance of students for research, course work or full programs will be dependent on meeting the academic criteria of the host institution, and on visa and other requirements of the host country.

#### **ARTICLE V** **Exchange of Scientific Materials**

Collaborating parties agree to exchange as widely as is practicable such items as scientific publications and journals, university calendars, prospectuses, text books, course outlines and reference materials.

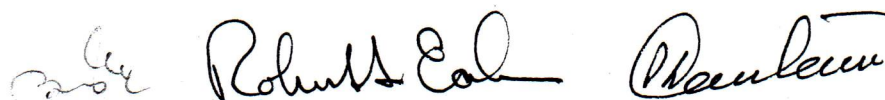
#### **ARTICLE VI** **Duration of MOU**

This MOU shall come into effect when signed by all parties and have a duration of five years, after which extension, modification or other changes may be made as agreed to by all parties. Within the initial five-year period, the terms of the Memorandum of Understanding may be altered or terminated as required, subject to approval by each institution.

#### **ARTICLE VII** **Procedures**

The administration of this MOU will be the responsibility of the ACES Global Connect office in the College of Agricultural, Consumer, and Environmental Sciences at the University of Illinois at Urbana-Champaign. Dr. Burton Swanson will be the primary contact at University of Illinois. The **Vice Chancellor** of G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India will be the primary contact at GBPUA&T, Pantnagar, and **Dr. A.K. Agnihotri**; the Coordinator & Prof (Agril Econ); GBPUA&T, Pantnagar, Uttarakhand, India will be the key contact person.

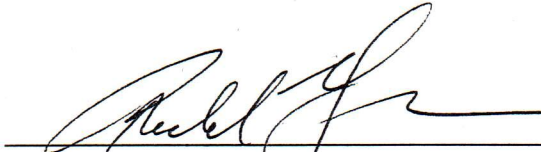
In witness whereof the undersigned, representing their respective institutions, hereby sign and approve this Memorandum of Understanding in duplicate, one copy for every signing party.

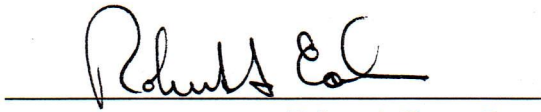




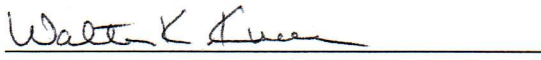
IN WITNESS WHEREOF, the parties hereto have offered their signatures:

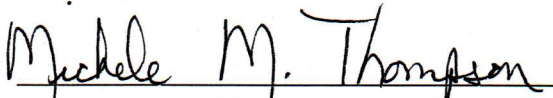
FOR THE UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

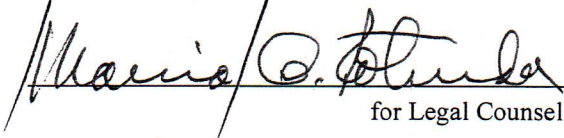
  
Richard Herman, Chancellor

  
Robert A. Easter, Dean  
College of Agricultural, Consumer  
and Environmental Sciences

FOR THE BOARD OF TRUSTEES OF  
THE UNIVERSITY OF ILLINOIS

  
Walter K. Knorr, Comptroller

  
Michele M. Thompson, Secretary

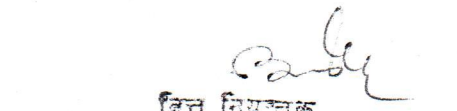
  
for Legal Counsel

Date: 4/19/07

FOR THE UNIVERSITY OF  
HORTICULTURE & FORESTRY,  
RANICHAURI, INDIA

  
Dr. P.L. Gautam, Vice-Chancellor

Date: \_\_\_\_\_

  
वित्त निगमक  
डॉ. ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय  
पन्तनगर - 263145 (ऊधमसिंह नगर)



# **MEMORANDUM OF UNDERSTANDING**

Between

**G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR,  
UTTARAKHAND, INDIA**

And

**THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS**

Urbana, Illinois 61801  
United States of America

In order to facilitate international academic exchange, to develop academic and scientific relationships, and in support of collaborative research activities G.B. Pant University of Agriculture & Technology, in Pantnagar, India, and the Board of Trustees of the University of Illinois, with principal offices at the Urbana-Champaign campus, in Urbana, Illinois, U.S.A., through its College of Agricultural, Consumer, and Environmental Studies, agree to establish this Memorandum of Understanding (MOU) as a framework for cooperative programs.

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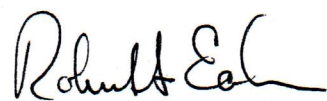
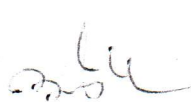
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#### **ARTICLE VII** **Procedures**

The administration of this MOU will be the responsibility of the ACES Global Connect office in the College of Agricultural, Consumer, and Environmental Sciences at the University of Illinois at Urbana-Champaign. Dr. Burton Swanson will be the primary contact at University of Illinois. The **Vice Chancellor** of G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India will be the primary contact at GBPUA&T, Pantnagar, and **Dr. A.K. Agnihotri**; the Coordinator & Prof (Agril Econ); GBPUA&T, Pantnagar, Uttarakhand, India will be the key contact person.

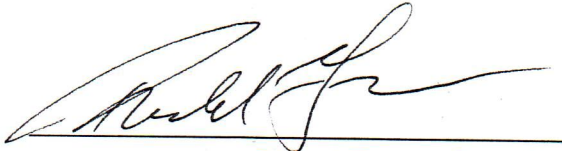
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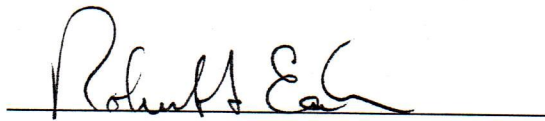




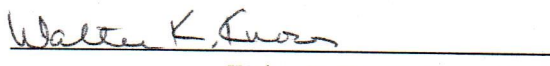
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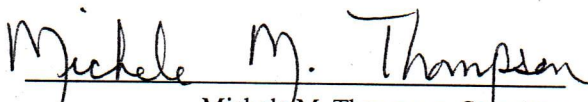
FOR THE UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

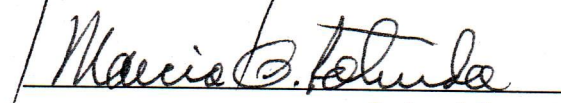
  
Richard Herman, Chancellor

  
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College of Agricultural, Consumer  
and Environmental Sciences

FOR THE BOARD OF TRUSTEES OF  
THE UNIVERSITY OF ILLINOIS


  
Walter K. Knorr, Comptroller

  
Michele M. Thompson, Secretary


  
for Legal Counsel

Date: 4/19/07

FOR G.B. PANT UNIVERSITY OF  
AGRICULTURE & TECHNOLOGY,  
PANTNAGAR

  
Dr. P.L. Gautam, Vice-Chancellor

Date: \_\_\_\_\_

  
वित्त नियन्त्रक  
ग. ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय  
पन्तनगर - 263145 (कछमतिह नगर)

कार्यालय उपनिदेशक निर्माण एवं संयंत्र(निर्माण)  
गो0ब0पन्त कृषि एवं प्रौद्यो0 विश्वविद्यालय, पन्तनगर (उधमसिंहनगर)

पत्रांक:उनिनि/५००

दिनांक: 15.5.१

5104

वित्त निगत्रक

कृपया खन्ना फार्म भगवानपुर (रुद्रपुर) में डीप नल कूप लगाये जाने हेतु परियोजना प्रबन्धक बिद्युत यांत्रिक यूनिट उत्तराखण्ड पेयजल निगम हल्द्वानी (नैनीताल) के साथ किये गये एम0 ओ0 यू0 /अनुबन्ध दि0 10-5-07 रु0 18.38 लाख की मूल प्रति सुरक्षित रखे जाने हेतु प्रेषित की जा रही है।

संलग्न- यथोपरि।

उपनिदेशक नि0 एवं सं0 (निर्माण)

Compd - 605  
15.5.07

बल  
VAB  
12/5/07



भारतीय गैर न्यायिक

एक सौ रुपये

रु. 100

Rs. 100

ONE  
HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

उत्तरांचल UTTARANCHAL

C 139169

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
GOVIND BALLABH PANTNAGAR UNIVERSITY OF  
AGRICULTURE AND TECHNOLOGY  
AND  
PROJECT MANGAR, E&M UNIT CONSTRUCTION WING,  
UTTARANCHAL PEYJAL NIGAM, HALDWANI.

Work:- Construction of deep tube well at Khanna Farm, Bhagwanpur (Rudrapur).

Memorandum of undertaking signed between the Govind Ballabh Pant University of Agriculture and Technology of one part (here in after called the University) and Project Manager E&M unit Construction wing, Uttaranchal Peyjal Nigam, Haldwani.

Where as the university has decided to award the work to E & M unit  
Construction wing Uttaranchal Payjal Nigam Haldwani

- 1- The total cost of work is Rs.18.38 lacs (Rs.Eighteen lacs Thirty eight thousand only) as per sanction award letter no.Dy.D.W.P.(C)/372 dt. 4.5.07. The above cost includes contingency and centage.
- 2- E & M unit Construction wing Uttaranchal Peyjal Nigam Haldwani shall take up the work on turnkey basis as a deposit work.

वित्त नियन्त्रक

परियोजना प्रबन्धक  
वि. याँ. यूजिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी नैनीताल।

परियोजना प्रबन्धक  
वि. याँ. यूनिट  
उत्तरांचल पेयजल निगम  
हल्द्वारी (नैनीताल)



- 3- The depth of drilling/quantum of work may be increased or decreased according to the drilling strata and logging report. Payment will be made as per actual work done at the rate of sanctioned estimated cost/rate.
- 4- The material and the work may be inspected by the client through its authorized representative not below the rank of Assistant Director.
- 5- The approach road Up to site of work and site clearance will be provided by the university.
- 6- The power connection required for the commissioning of pumping plant shall be provided by the university.
- 7- The selection of pumping plant capacity shall be decided by the final result taken by the O.P. unit with mutual consent.
- 8- The design of pipe assembly and yield of tube well shall be governed by the underground strata and the electric logging report.
- 9- If any extra item essentially required for execution of work and is not incorporated in the estimate will be charged as per actual with the prior sanction form the university official.

**Payment, Terms shall be as under:-**

- 1- Advance payment of sanctioned amount including 2% contingency and 12.5% centage shall be released by the university to the unit E & M unit Construction wing Uttaranchal Peyjal Nigam Haldwani as per the schedule given below:-
  - a- 20% = As mobilization advance.
  - b- 10% = Arrival of rig machine at site.
  - c- 30% = For procurement of T.W. assembly after starting of drilling.
  - d- 20% = After completion of tube well.
  - e- 20% = After completion of work including development work.

2- No trade tax, income tax shall be deducted by the university Peyjal Nigam as per rules and regulations of the department.

3- After completion of work a final bill will be provided to the university as per actual work done at sanctioned estimated cost. The 2% contingency and 12.5% centage will be charged on the final work cost.

**Completion Period:-**

- 1- The work will be completed with in 6 months from the date of M.O.U. and allotment of fund which ever is later.
- 2- Delay in case due to non-availability of work site/power connection/fund or any natural calamity the E & M unit Construction wing Uttaranchal Peyjal Nigam Haldwani shall not be responsible.

3- As there is no maintenance period/cost taken in the estimate, the work will be handed over to the university just after completion of work. The unit E & M unit Construction wing Uttaranchal Peyjal Nigam Haldwani will supervise the work of two months after handling over of work.

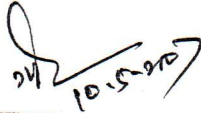
वित्त नियन्त्रक

परियोजना प्रबन्धक  
वि. यौ. यूनिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी (नैनीताल)

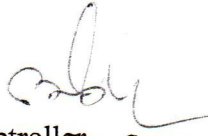
In witness where of the parties have to have execute this agreement on date:-  
For and behalf of Construction and design services  
E & M unit Construction wing  
Uttaranchal Peyjal Nigam, Haldwani

for and behalf of  
G.B. Pant University of  
Agriculture and Technology

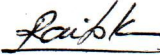
Project Manager

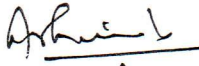
  
परियोजना प्रबन्धक  
वि. यौ. यूनिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी (नैनीताल)


Comptroller

  
डॉ. ब. पन्त कृषि एवं पशु-चिकित्सा विश्वविद्यालय  
बन्तनगर - 263140 (नैनीताल नगर)

In the presence of witness:-

1-   
PRAVEEN KUMAR RA  
RESIDENT ENGINEER

2-   
Arvind

  
परियोजना प्रबन्धक  
वि. यौ. यूनिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी (नैनीताल)



कार्यालय उपनिदेशक निर्माण एवं संयंत्र(निर्माण)  
गो0ब0पन्त कृषि एवं प्रौद्यो0 विश्वविद्यालय, पन्तनगर (उधमसिंहनगर)

पत्रांक:उनिनि/372

दिनांक: 11-5-07

परियोजना प्रबन्धक,  
विद्युत यांत्रिक यूनिट निर्माण विंग  
उत्तरांचल पेयजल संसाधन विकास एवं निर्माण निगम  
ई.32, जज फार्म,  
हल्द्वानी (नैनीताल)

विषय: खन्ना फार्म, रुद्रपुर में एक डीप नलकूप का निर्माण ।  
महोदय,

कृपया आपके द्वारा पत्रांक 661/कार्य सामान्य/9 दि016-3-07 द्वारा इस कार्यालय को प्रेषित  
आंकलन पर उपर्युक्त विषयक कार्य हेतु रु018.38 लाख की वित्तीय/प्रशासनिक स्वीकृति विश्वविद्यालय  
द्वारा प्रदान की गई है। आपसे आग्रह है कि उक्त कार्य का एम0 ओ0 यू0 करते हुए शीघ्रातिशीघ्र कार्य  
प्रारम्भ कराने का कष्ट करें।

सधन्यवाद ।

भवदीय

उपनिदेशक नि0एवं सं0(निर्माण)

प्रतिलिपि:

1. निदेशक निर्माण एवं संयंत्र
2. नियंत्रक

10.5.2007

परियोजना प्रबन्धक  
वि. यां. यूनिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी (नैनीताल)

वित्त निगम

गो. ब. पन्त कृषि एवं प्रौद्यो. विश्वविद्यालय

**OFFICE OF THE PROJECT MANAGER E&M UNIT, NIRMAN WING, UTTARANCHAL  
PEYJAL NIGAM, HALDWANI**

**ESTIMATE OF DRILLING OF DEEP BORE FOR G.B.P.U.A.T. AT <sup>KHANNA FARM RUDRAPUR</sup> ~~TARAI BHAWAN, KASHIPUR~~**

**Form "J"**

S.No.	Description	Amount (in lacs)
1	Cost of Work	<del>18.48</del> 16.48
2	Add contingencies @ 4%	<del>0.74</del> 0.66
3	Rebate 5% due to departmental Working	<del>0.82</del> 0.82
4	Add 12.5% departmental centage	<del>2.31</del> 2.06

**Total**


~~20.61~~ 18.38

**Total(In lacs)**

~~20.61~~ 18.38

**Prepared by:**

**Forwarded by:**



  
**(P.K. Rastogi)**  
A.R.E.

E&M Unit, Construction Wing,  
Uttaranchal Peyjal Nigam  
Haldwani

  
**(G.S. Rathore)**  
Project Manager

E&M Unit, Construction Wing,  
Uttaranchal Peyjal Nigam  
Haldwani

L.S.-

  
18/3  


  
10.5.2007

परियोजना प्रबंधक  
वि. प्रौ. युनिट  
उत्तरांचल पेयजल निगम  
हल्द्वानी (निजीताल)


  
**वित्त निदेशक**

श्री ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय  
पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय



**ESTIMATE OF DRILLING OF DEEP BORE FOR G.B.P.U.A.T. AT TARAI  
BHAWAN, KASHIPUR KHANNA FARM RUDRAPUR**

S.NO.	Description of work.	Qty.	Rate	Amount
A.	<b><u>TRANSPORTATION</u></b>			
1-	<b><u>Transportation of Rig Machine</u></b>			
a.	Transportation of R.C Rig Machine from Haldwani to site.	1x90kms	30.00	2,700.00
b.	Transportation of T&P and camp equipage from Divisional Store to site of work.	2x90 kms	20.00	3,600.00
c.	Loading & unloading of T&p	4 jobs	570.00	2,280.00
d.	Return of empty trucks.	2x90 kms	20.00	3,600.00
		sub total		12,180.00
c.	Return of Rig machine & its T&P to Haldwani after completion of works.	As above		12,180.00
		<b>Total</b>	<b>Rs.</b>	<b><u>24,360.00</u></b>
2-	<b><u>TRANSPORTATION TUBEWELL ASSEMBLY</u></b>			
a.	Transportation of Tube well Assembly from Haldwani to site of work	1x90kms	20.00	1,800.00
b.	Return of empty trucks.	1x90kms	20.00	1,800.00
c.	Loading & Unloading of tube well assembly.	2 Jobs.	570.00	1,140.00
		<b>Total</b>		<b><u>4,740.00</u></b>
3-	<b><u>TRANSPORTATION OF AIR COMPRESSOR AND ITS T&amp;P</u></b>			
a.	Toeing of Air compressor from Haldwani to site of work.	1x90kms	30.00	2,700.00
b.	Cartage of its T&P from Haldwani to site of work.	1x90kms	20.00	1,800.00
c.	Return of empty trucks.	1x90kms	20.00	1,800.00
d.	Loading & unloading of its T&P	2 Jobs.	570.00	1,140.00
		sub total		7,440.00
e.	Return of carting of Air compressor and its T&P from site.	As above		7,440.00
		<b>Total</b>	<b>Rs.</b>	<b><u>14,880.00</u></b>

  
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 जयपुर जिला

4- **TRANSPORTATION OF O.P. UNIT AND ITS T&P**

a. Toeing of O.P. Unit from Haldwani to site of work.	1x90kms	30.00	2,700.00
b. Cartage of its T&P from Haldwani to site of work.	1x90kms	20.00	1,800.00
c. Return of empty trucks.	1x90kms	20.00	1,800.00
d. Loading & unloading of its T&P	2 Jobs.	570.00	1,140.00
	sub total		7,440.00
e. Return cartage of O.P unit and its T&P form site to Haldwani after completion of work.	As above	Rs.	<u>7,440.00</u>
	Total		<u>14,880.00</u>

**TOTAL COST OF TRANSPORTATION**

Rs.

**B. SUPPLY TUBEWELL ASSEMBLY**

1 350mm dia MS ERW Blind pipe	30mtr	3200	96000
2 200 mm dia MS ERW Blind pipe	90Mts.	2,150.00	193500
3 200 mm dia MS ERW Slotted pipe	50Mts.	2,300.00	115000
4 350 mm dia size MS Clamp	1 No.	3,000.00	3,000.00
5 350 mm dia size MS Well cap	1No.	3,000.00	3,000.00
6 200 mm dia size MS Bail Plug	1No.	2,000.00	2,000.00
7 200 mm dia MS Socket	16 Nos	800.00	12,800.00
8 200 mm dia center Guide	5 Nos.	300.00	1,500.00
9 15 mm x75 mm size 3 Mt long RS Joist for foundation	2Nos.	4,000.00	<u>8,000.00</u>
	Total		<u>434,800.00</u>

**C. DRILLING OF BORE OF TUBEWELL BY RIG MACHINE**

1 Erection of R.C. rig machine and its camp equipage	1 Job.	8,392.00	8,392.00
2 Drilling of 676 mm dia Bore from GL to 35 Mt. BGL.	35 Mt.	1,024.00	35,840.00
3 Drilling of 550mm dia bore			
a) From 35 M BGL to 90M BGL.	55 Mt.	1,120.00	<u>61,600.00</u>
b) from 90m to 170m BGL	80M	1,500.00	<u>120,000.00</u>
	Total		<u>225,832.00</u>

**D. LOWERING OF TUBEWELL ASSEMBLY**

a) 350 mm Housing pipe. From GL to 30 Mt. BGL	30 Mts.	132.00	3,960.00
b) 200 mm T.W Assembly from 30 M BGL to 90 M BGL	60 Mts.	90.00	<u>5,400.00</u>

परियोजना प्रबन्धक  
वि. प्रौ. युनिट  
उत्तरांचल परियोजना निगम  
इलाहाबाद (निजीताला)

वि. प्रौ. युनिट  
उत्तरांचल परियोजना निगम  
इलाहाबाद (निजीताला)



c) 200 m tubewell assembly from 90m to 170 m bgl.

80m	120.00	9,600.00
<b>Total</b>		<b>18,960.00</b>

Supply of 1.6 mm to 4.8 mm size pea gravel with surrounding.

E.	80	1,522.00	121,760.00
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Dismantling of Rig machine after completion of work

F.	1 Job.	4,196.00	4,196.00
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Hard facing of Bits and other drilling material.

G.	1 job.	25,000.00	25,000.00
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Water arrangement with auxiliary bore.

H.	1 Job.	15,000.00	15,000.00
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**DEVELOPMENT WORK OF TUBEWELL**

**I. by 350 PSI Air Compressor**

Erection of Air compressor and T&P

1-	1 Job.	3,820.00	3,820.00
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Dismantling of above

2-	1 Job.	1,910.00	1,910.00
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Development of Tube well by Air compressor

3-	60 Hours.	1,850.00	111,000.00
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<b>Total</b>			<b>116,730.00</b>
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**B) By Over Pumping Unit.**

Erection of O.P. Unit and its T&P

1-	1 Job.	6,645.00	6,645.00
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Dismantling of above

2-	1 Job.	3,322.00	3,322.00
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Development of tube well by O.P. Unit

3-	80 Hours.	1,000.00	80,000.00
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Yield and Verticality test of tube well.

4-	1 Job.	3,000.00	3,000.00
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<b>Total</b>			<b>92,967.00</b>
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Chemical and Bacteriological test of water

1 job	3,000.00	3,000.00
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Supply & Installation of chloronating plant

1 job	30,000.00	30,000.00
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Logging test by logging machine

1 job	LS	50,000.00
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Collection of strata sample

1 job		1,000.00
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Submersible pumping plant with all

1 set		3,50,000.00
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3mx4m size pump house

1 No.		1,00,000.00
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**Total cost of tubewell**

Rs. **1847705.00** 1647205.0

Say Rs. **18.48** 16.48

Prepared by:

(P.K. Rastogi)

A.R.E.

E&M Unit, Construction Wing,

Uttanchal Peyjal Nigam

Haldwani

Forwarded by:

(G.S. Rathore)

Project Manager

E&M Unit, Construction Wing,

Uttanchal Peyjal Nigam

Haldwani

परियोजना प्रबंधक  
वि. पी. कुमर  
उत्तरांचल पेयजल निगम  
हल्द्वानी (देवीताल)

वि. पी. कुमर  
उत्तरांचल पेयजल निगम  
हल्द्वानी (देवीताल)


5105

**Office of the Dean  
College of Agribusiness Management**

No. CABM/PA/2304  
Dt. May 15, 2007

**Director Research  
Chief General Manager (Farm)**

You are aware that the University has signed the MoU with Pantaloon Retail (India) Ltd. for undertaking the joint activities on numbers of aspects. The copy of the MoU is being attached herewith for further necessary action at your end. It may please be noted that three units of the University are directly involved in the implementation of this MoU viz. College of Agribusiness Management, Directorate of Research and University Farm.

  
(V.P.S. Arora)  
Dean, CABM

Encl: A/a

✓ Cc: Comptroller alongwith the copy of the MoU for safe keep in the record.

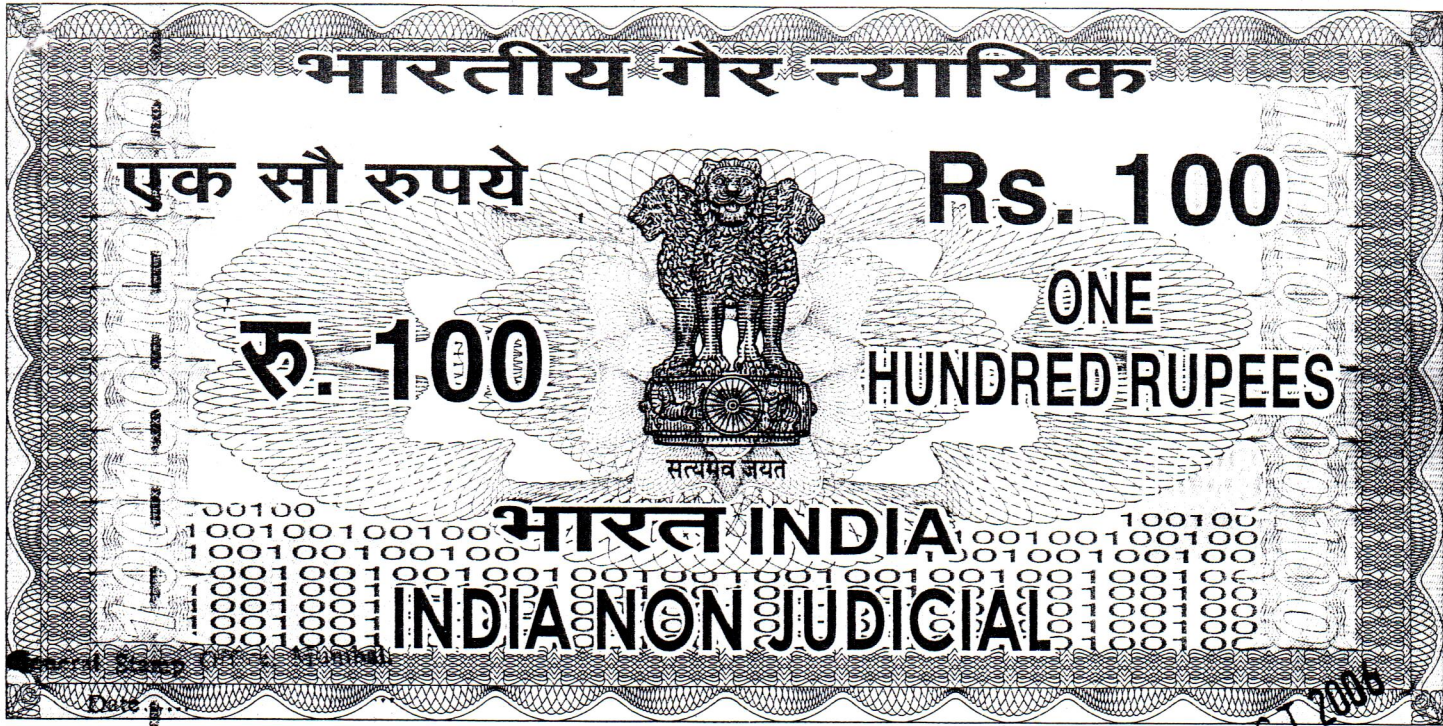
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NADh.  
16/5/07  
17/5/07

Recd. Photocopy of the MoU.

18-05-2007





L. S. V. No. ...  
महाराष्ट्र MAHARASHTRA

बर्जना नि. सर्व परवाना धारक

7 OCT 2004  
W 393651

मार्ग इलेक्ट्रॉनिक नि. प्रयोग,  
महाकाशी नगर, जोगेश्वरी (पूर्व) मुंबई-२३,  
क्रमांक: ...  
प्र. मती श्री ...  
बांना न्यायिक ...  
ज्या विद्या.



082750

Memorandum of Understanding between College of  
Agribusiness Management (CABM) G B Pant University of  
Agriculture and Technology Pantnagar – 263 145, Uttarakhand,  
INDIA

and

Pantaloons Retail (India) Limited Knowledge House, Shyam Nagar, Off  
Jogeshwari-Vikroli Link Road, Jogeshwari (E), Mumbai-60

### 1. Preamble

College of Agribusiness Management (CABM), G.B. Pant University of Agriculture and Technology, Pantnagar established at Pantnagar in October 1996 following the G.O. No. 215/12-8-96 -400(214)/91 T.C. dated 16.10.96 from the Government of Uttar Pradesh is recognized as the first agribusiness college in the country under State Agricultural University (SAU) system. CABM has been setup to impart education and training to young men and women for developing managerial skill; offer training courses for policy makers, executives and those in charge of business projects; conduct research on business problems in and improve

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the management of business enterprises and projects; assist business organizations in solving their management problems by providing consulting services; and to contribute to the formulation of business policy of the state and Central government.

Pantaloon Retail (India) Limited incorporated on October 12, 1987 as Manz Wear Private Limited under the stewardship of Mr. Kishore Biyani, was converted into a public limited company on September 20, 1991, subsequently named as Pantaloon Retail (India) Limited is India's leading retailer with a turnover of Rs. 2019 crore (US\$242 million) for the financial year ended June 2006. The company has a multiple consumer centric retail business present across segments like food, fashion and footwear, home solutions and consumer electronics, books and music, wellness and beauty, general merchandise, telecom and IT, E-tailing, leisure and entertainment and financial products and services

## **2. Purpose of MoU**

- CABM and Pantaloon Retail India Ltd have resolved to deploy their skills and their network of relationships towards education, training, contract research and consultancy, enter into Private-Public Partnership mode for selected ventures;
- Pantaloon Retail India Ltd and CABM are desirous of executing a Memorandum of Understanding with a view to record the broad terms and conditions mutually agreed to, by and between them subject to working out the modalities in detail and terms of implementation in due course as may be agreed between Pantaloon Retail India Ltd and CABM.

## **3. Implementation Framework**

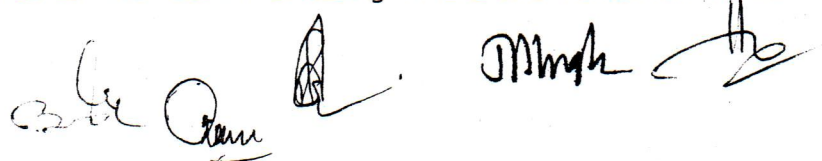
This MOU will concern activities with regard to Private-Public Partnership mode for selected ventures

## **4. Partner's responsibilities**

A. **Advisory Services:** Pantaloon Retail India Ltd would provide advisory services to CABM on matters relating to preparation and content of business plans, market expectations and funding scenario for various projects in the knowledge sector domain, including projects offered by multilateral agencies to CABM that requires this kind of work.

### **B. Other areas of cooperation**

- **Retail Marketing of Horticulture Produce of University Farm-** Pantaloon Retail India Ltd and the University will work on developing the modalities for Private-Public Partnership mode for selected ventures like retail marketing where the Pantaloon Retail





India Ltd will perform the procurement operations for the horticultural produce particularly fruits and vegetables from the university owned farm, KVKs and Research Stations. Pantaloon Retail India Ltd and the University will develop a suitable partnership structure to develop this venture.

- **Human Resource Training / Creation Opportunities** - Pantaloon Retail India Ltd may act as a liaison between knowledge sector (including but not limited to agribusiness and retail marketing) industry in India and CABM to create mutually agreeable relationship to create / train adequate human resources for the industry.
- **Consultancy for Pantaloon India**- Pantaloon Retail India Ltd will explore the possibility of utilizing technical advisory services of CABM for specific commercial mandates being undertaken by Pantaloon India. These would be limited to the projects undertaken by Pantaloon Retail India Ltd either on its own or on behalf of its clients. Such specific fee based technical advisory services contract shall be discussed and entered into based on mutual agreement between CABM and Pantaloon India.
- **Business Development activities** - Pantaloon Retail India Ltd has linkages (marketing and advisory) with many Research & Development and Technically oriented corporates requiring advisory services. Pantaloon Retail India Ltd may introduce such Corporates to CABM for business as well as recruitments.

#### C. Other Activities

- Parties hereby agree that on mutual agreement based on the relationship between the Parties, the scope of activity may be increased or decreased as the case may be.
- Pantaloon Retail India Ltd agrees to establish a "Centre of Excellence" at CABM for promoting marketing teaching and research in agri- retailing, and marketing led extension services.
- CABM agrees to launch MBA (Food- Retail and Supply chain) to provide trained manpower to Pantaloon Retail India Ltd as well as other organisations in the industry. CABM also agrees to consult Pantaloon in drafting/ revising syllabi of the course and offer admission to their nominees at the same fee (charged from regular students). At the stage of GD of the short listed candidates for admission to the said programme the nominee(s) of Pantaloon will also be associated as expert(s).
- Pantaloon Retail India Ltd agrees to offer four months final project (training) to all the willing candidates of the programme at their stores and offer competitive stipend as laid down by Pantaloon HR policies.



- Pantaloon Retail India Ltd agrees to provide the competent faculty from industry to facilitate the course on food retail and supply chain on a time to time basis.
- Pantaloon Retail India Ltd agrees to assist CABM in terms of infrastructure and faculty in starting MBA Food Retail and Supply Chain programme in Retail Management. Pantaloon Retail India Ltd will offer placement to the students who successfully complete this program. The number of students absorbed will be subject to availability and need of the business and willingness of the students. The salary package to be offered will be at par with the industry.

## 5. Compensation and Benefits

Unless otherwise agreed upon, neither party shall be under an obligation to compensate the other for any work undertaken or for any expenses incurred in relation to this MOU or in connection with any negotiations or activities prior to entering into legally binding definitive agreements and all such costs and expenses shall be borne by the respective party incurring them.

On a project-specific basis, CABM and Pantaloon Retail India Ltd will work towards developing appropriate fee sharing mechanisms on advisory/consultancy/project development assignments jointly undertaken. The expenditures for typing, postage, stamp duty etc. necessary for signing the proposed MOU shall be borne by the Pantaloon India.

## 6. Terms and Conditions

Unless otherwise terminated as hereinafter contained, the term of this MOU shall be for an initial period of ten years from the date of signing of this MOU, extendable upon mutual consent of the Parties concerned.

## 7. Steering Committee

- Dean CABM, G.B. Pant University of Ag. & Tech., Pantnagar
- Comptroller, G.B. Pant University of Agri. & Tech., Pantnagar
- Director, Experiment Stations, G B P University of Ag. & Tech. Pantnagar
- Chief General Manager (Farms), G.B. Pant University of Agri. & Tech., Pantnagar

## 8. General Provisions

- Force Majuro / Acts of God:** This MOU is subject to force majuro situations. It shall be subject to inabilities based on circumstances



beyond the control and power of contracting Parties, such as civil commotion, riots, war, hacking, unauthorized access, spam, etc. which may result in the vagaries of the general financial markets.

- II. **Disclaimer:** Neither party guarantees success of any project or assignment undertaken under this MOU.
- III. **Confidentiality:** Neither party shall be entitled to use either party's trademark/logo without the prior written approval of the other party.

CABM and Pantaloon Retail India Ltd agree that they shall not, at any time of under any circumstances, without the written consent of the other party, directly or indirectly communicate or disclose to any person (other than their employees, agents, advisors, auditors and representatives) about the MOU, except during cases highlighted below:

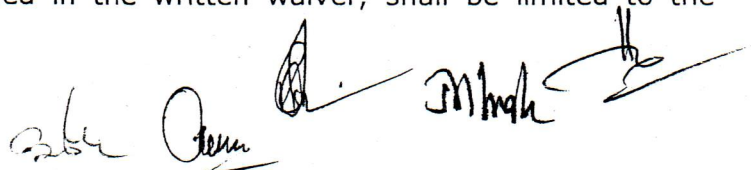
- (a) Information that is required for progressing business opportunities;
- (b) Information already in the possession of a Party;
- (c) Information which is or becomes generally available to the public;
- (d) Information, which is reasonably required to be disclosed by a Party to protect its interest in connection with any valuation or legal proceedings; provided that the Party so required to disclose such information, shall immediately intimate the other party of the same.
- (e) Information that is required to be disclosed by law or by the applicable regulations or policies of any regulatory agency of competent jurisdiction or any stock exchange.

The Parties also agree that, subject to the aforesaid clause, they will inform each other prior to releasing any public statements or other publicity regarding the MOU or the transactions contemplated by this MOU.

Both Parties agree and bind themselves to the fact that all or any of the information, which is property of the other Party, shall be treated as confidential and no party shall disclose the said information without the prior approval of other in writing.

The provisions of this Clause herein above pertaining to the said confidential information shall survive the termination of the MOU for a period of one year from the date of such termination.

- IV. **Amendments and Waivers:** No amendment in this MOU shall be valid or binding unless set forth in writing and duly executed by the Parties to this MOU. No waiver of any breach of any provision of this MOU shall be effective or binding unless made in writing and signed by the party purporting to give such waiver and unless otherwise provided in the written waiver, shall be limited to the



specific breach waived.

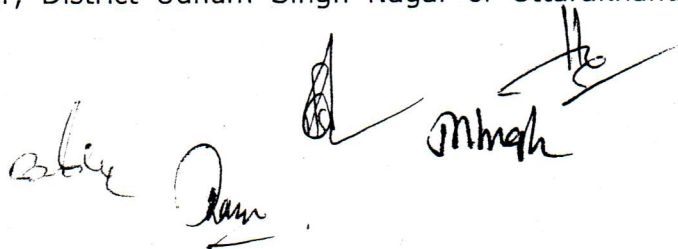
- V. **Termination:** Both Parties confirm that they are competent to enter into such an MOU under their respective laws of Corporate/States/Country. This MOU shall be effective as on the date of execution and shall continue in full force unless terminated.

Either Party may terminate this MOU due to breach of terms agreed to in this MOU by other party. However, the party aggrieved by the breach shall give written notice to other party to this MOU indicating that the MOU shall be terminated not earlier than 60 days from the date of the receipt of the notice if the breach is not cured. The termination of MoU shall not infringe the benefits of students already admitted in the Master's and Bachelor's degree programmes under the MoU, as stipulated in the earlier sections of MoU

- VI. **Indemnity:** The parties agree to indemnify and keep indemnified individually, fully and promptly, the other party from and against all costs, claims, demands, liabilities, expenses, direct damages or losses arising out of or in connection with the Indemnifying Party's breach or gross negligence or willful default of the terms of this MOU and its annexes. Indirect damages such as but not limited to loss of contracts are excluded from this liability. Liability for damages occurred for other reasons are excluded.
- VII. **Severability:** If any provision of the MOU should be or become wholly or partly ineffective, all other provisions remain valid, the parties to this MOU will undertake all necessary steps and actions to replace the ineffective provision by an effective provision which comes as close as possible to the purpose of the ineffective provision.
- VIII. **Statutory Compliances:** Pantaloon Retail India Ltd and CABM agree that all services rendered and operations conducted pursuant to this MOU shall be in compliance with all legislations, statutes, ordinances, regulations, administrative rulings or requirements of law.

## 9. Arbitration

In the unlikely case of differences/disputes arising out of this MOU, the parties agree to find an amicable solution within 30 days of the date of dispute failing which, the difference or dispute shall be referred to arbitration to be conducted in accordance with Arbitration and Conciliation Act, 1996 by a sole arbitrator that will be Vice-Chancellor of G.B. Pant University, Pantnagar. The language of arbitration shall be in English and venue shall be Pantnagar, District Udham Singh Nagar of Uttarakhand State.

The block contains three handwritten signatures in black ink. From left to right, they appear to be: a signature that looks like 'Shiv', a signature that looks like 'Ran', and a signature that looks like 'Mingh'.

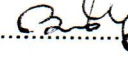





### 10. Starting Date

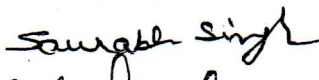

The MoU will come in force from the date of signing the MoU subject to the approval of Board of Management of the University and Pantaloon Retail India Ltd and will be valid for a period of 5 years and terms of the same may be reviewed on an annual basis by mutual consent.

### 13. Signatories of MoU

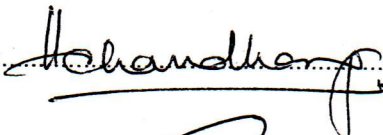
For G B Pant University of Agriculture and Technology, Pantnagar

1. Comptroller, GBPUA&T.....  COMPTROLLER
2. Dean, CABM.....  G. B. Pant Univ. of Agric. & Tech  
PANTNAGAR-263145 (U. S. Nagar)
3. Director Experiment Stations..... 
4. Chief General Manager (Farms)..... 

#### Witness:

1. SAURABH SINGH, Asst. Prof. 
2. NIRDESH KUMAR SINGH, Asst. Prof. 

For Pantaloon Retail (India) Limited

1. Arvind Chaudhary - CEO Food Business..... 

#### Witness:

1. Kurien C.K. - Senior Manager HR & Design..... 

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Notes &amp; Order

CA/Agro/263

Page ..... 17.5.07  
18addendum of  
Sl No 4885MOD Agronomy / Dean Ag. / Comptroller

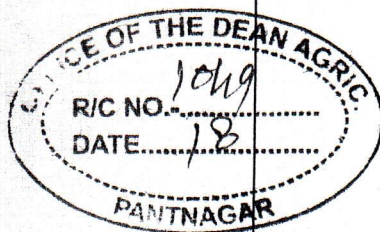
Addendum to the MOU dated Jan 31/06 i.e  
 Propagation, cultivation, extraction and  
 purification of artemisinin crystals from  
Artemesia annua has been signed by  
 all the authorities signatories. The (Jky-1)  
 same is being placed opposit/for  
 the submission at in the comptroller  
 section.

Sunita  
 17/5/07  
 Sunita T. Pandey  
 (Asst. Prof.)

DIS  
 17/5/07  
 Dean Agronomy

DR  
 17/5/07  
 Dean Agriculture

CA/Agro  
 17/5/07  
 C-835  
 18/5/07





# **G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY**

## **Full Address**

Pantnagar, Udham Singh Nagar, Uttaranchal  
Pin-263145

## **Contact Name**

**Dr. Basant Ram**

Director Experiment Stations (DES)  
Nominee of Vice-Chancellor

**Telephone No:** 05944-233363 **Fax:** 05944-233363  
**E-mail Address:** [basantram@indiatimes.com](mailto:basantram@indiatimes.com)

## **Concerned Scientists**

**Dr. Sunita T. Pandey**

Associate Professor (Agronomy)  
College of Agriculture  
GBPUA&T

**Dr. A. K. Gaur**

Professor (MBG)  
College of Basic Science  
GBPUA&T

**Dr. M. Z. K. Warsi**

Professor (Plant Breeding)  
GBPUA&T

**Telephone No:** 05944233034

**E-mail :** [sunitatewari\\_8@yahoo.co.in](mailto:sunitatewari_8@yahoo.co.in)

**AND**

**Arvind Mathur, Director**  
ARMACO Consultant Pvt. Ltd.

## **Full Address**

**ARMACO**

Consultant Pvt. Ltd.

Tel: 91-22-2382 2923/2986

Telefax: 91-22-2382 2487

Website: [www.armaco.in](http://www.armaco.in)

E-mail: [arvind\\_mathur@armaco.in](mailto:arvind_mathur@armaco.in)

A/6, Venus, Navroji Vakil Street,  
Nana Chowk, Grant Road (W)  
Mumbai: 400007, India

**Addendum to MOU dated Jan. 31<sup>st</sup>, 2006**

**Effective Date-** 05-05-07

**Authorized signatories to endorse all pages**

Bombay, Mercantile Co-operative bank  
Ltd., Kemp's Corner Branch,  
Om Chambers August Kranti Marg,  
Near Godrej Chowk, Mumbai-400 036  
D-5/STP(V)/C.R.1056/01/05/07/03-07/03

AUTHORITY  
KEMPS CORNER BRANCH.



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## COLLABORATIVE VENTURE UNDER PUBLIC & PRIVATE SECTOR

Propagation, cultivation, extraction and purification of artemisinin crystals from  
*Artemisia annua*

### Addendum to the Memorandum of Understanding dated Jan. 31<sup>st</sup>, 2006

This Addendum to the Memorandum of Understanding (MOU) of 31/ Jan /2006 is signed on the 5<sup>th</sup> day of May 2007 BETWEEN G.B. Pant University of Agriculture & Technology, Pantnagar UA, INDIA (represented by Dr. Basant Ram, Director Experiment Stations) hence forth called "GBPUA&T" and Armaco Consultant Private Limited, A/6, Venus, Navroji Vakil Street, Nana Chowk, Grant Road, Mumbai, INDIA, (represented by Mr. Arvind Mathur, Director) henceforth called "ACPL".

Both the parties agree to carry out this collaborative venture on terms and conditions of the MOU to propagate, cultivate, extract and purify artemisinin from *Artemisia annua* and for launching of pilot scale plant for the extraction and purification of artemisinin, based on the procedures developed by "GBPUA&T" at Medicinal Research and Development Centre (MRDC).

The program of the project will be evaluated on a quarterly basis. An evaluation meeting will be validly constituted if there is a quorum of three fourths of the Members. A Member may request the Chairperson to convene a meeting of the Committee by giving at least 4 weeks' notice in writing.

The project infrastructure in terms of equipments and permanent structures for pilot scale plant, created by "ACPL" will be the property of "GBPUA&T".

Estimated cost of the balance activities against the MOU dated Jan. 31<sup>st</sup>, 2006 alongwith the activities against this Addendum to the MOU will be as per the Annexure-I.

*Arvind Mathur* *Basant Ram*



### Purpose of the Addendum to the Memorandum of Understanding

1. As per the proceedings of the meeting held on Jan. 13<sup>th</sup>, 2007 under the chairmanship of the honorable Vice-Chancellor of "GBPUA&T", the crop improvement program must be given top priority under this collaborative project. As *Artemisia annua* is a highly cross pollinated crop and without following crop improvement protocols, the collected planting material used for planting may deteriorate quality as well as quantity of its produce. Hence there is a need for genetic improvement of *Artemisia annua* along with the purification of Artemisinin and Artemisinic acid from crude extract obtained from CO<sub>2</sub> super critical extraction (cryogenic extraction).
2. To achieve the 2008 target of large scale planting of *Artemisia annua*, we have to involve farmers of the vicinity. To motivate and to convince farmers for the same, we have to demonstrate and train each and every package and practice of production of *Artemisia annua*.
3. Fifty acre plantation of *Artemisia annua* is being done by various research units of the University on committed buy-back basis and the money will directly be sent to the units engaged for the same.

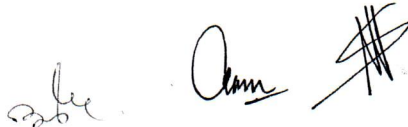
### Detailed Scope of Activities

#### **"GBPUA&T" Responsibilities**

- a. Seed production, its processing and nursery management of *Artemisia annua* to be planted in 50 acres of land with defined Terms of Reference (TOR) given below with assured buy back by "ACPL".
- b. Genetic improvement of *Artemisia annua*.
- c. Purification of Artemisinin and Artemisinic acid from crude extract obtained from CO<sub>2</sub> super critical extraction (cryogenic extraction).
- d. Motivate farmers of surrounding areas for cultivation of *Artemisia annua* by using various extension tools viz. training, demonstration, distribution of pamphlets, production manuals, posters etc.

#### **"ACPL" Responsibilities**

- a. Obtain crude extract from CO<sub>2</sub> super critical extraction out of the dry leaves of *Artemisia annua* lifted from "GBPUA&T".
- b. 50% (Fifty Percent) of the gross price towards the sale of dry leaves of *Artemisia annua* to be given as an advance to "GBPUA&T" for plantation of *Artemisia annua* and the balance 50% payment will be made at the time of lifting of the dry leaves from "GBPUA&T."



- c. Provide funds to "GBPUA&T" for any compensation & benefits to engage the personnel & technical staff, field & lab contingencies, honoraria to concerned scientific staff as per the Cost Table (refer Annexure).

### **Defined Terms of Reference**

#### **Buy Back Agreement for dried leaves of *Artemisia Annua***

"GBPUA&T" (Represented by Dr. Basant Ram, Director Experiment Station, is making buy back agreement for dried leaves of *Artemisia annua* @Rs 20/kg with "ACPL"

**"GBPUA&T" and "ACPL" agree for the following:**

1. "GBPUA&T" will cultivate *Artemisia annua* in 50 acres in the university land during 2007.
2. "ACPL" will buy the dried leaves of *Artemisia annua* produced in the said 50 acres of land, from "GBPUA&T" @RS 20/kg dried leaves excluding local taxes (if any), minimum packaging, loading, transport and insurance.
3. The average productivity of dried leaves of *Artemisia annua* is 1.0 ton/acre. Thus the cost of dried leaves of *Artemisia annua* is Rs 20000/acre (Rupees twenty thousand per acre).
4. "ACPL" will pay in advance 50 % cost of dried leaves ie Rs 10,000/acre (Rupees ten thousand per acre) to "GBPUA&T" with first payment of up to Rs. 2.00 Lacs by April 3rd week and complete the balance in May 07 for meeting out the expenses on cultivation of *Artemisia annua*.
5. Rest 50% payment will be made by "ACPL" to "GBPUA&T" at the time of lifting of dried leaves of *Artemisia annua* from "GBPUA&T".
6. "GBPUA&T" will take all the care of the crop i.e. planting, harvesting, drying and storage of the dried leaves.
7. "ACPL" will lift the entire material produce from "GBPUA&T" within 15-20 days after drying
8. ACPL will lift the dried leaves from the university. The cost of packaging, loading, and transport of the dried leaves from the university will be borne by ACPL Mumbai.





### Definitions

- A) **"Agreement"** shall mean this agreement BETWEEN "GBPUA&T" and "ACPL".
- B) **"Authorized Representative"** shall mean a person having the legal authority to enter into this agreement and ensure that his/her institution shall abide by its terms.
- C) **"Effective Date"** shall mean the date that the Agreement is signed by the parties. If the parties sign the Agreement on different dates, the Effective Date shall be the later date of such dates.
- D) **"Parties"** shall mean "GBPUA&T" and "ACPL" entering in to this agreement.
- E) **Termination date shall** mean the date designated by the terminating party as the official last day of operation i.e 31/Dec /2007 of the addendum to MOU signed on 31/01/06

### Collaboration:

The collaborative activity will be managed by a committee designated as screening Committee consisting of representatives of both the parties. DES will head the Management Committee with the following composition:


- |  |               |
|--|---------------|
| 1. Director Experiment Station (DES), GBPUA&T  | - Chairperson |
| 2. Mr. Arvind Mathur, Director, ACPL   | - Member      |
| 3. Dr. Sunita Pandey, Associate Professor Agronomy, GBPUA&T<br>(Project Coordinator) | - Member      |
| 4. Dr A. K. Gaur, Professor, MBG, GBPUA&T  | - Member      |
| 5. Dr. M.Z.K. Warsi, Prof. Plant breeding, GBPUA&T                                   | - Member      |
| 6. Mr. Dhiren Shrimankar, Manager-Finance & Admin., ACPL                             | - Member      |
| 7. Comptroller, GBPUA&T  | - Member      |

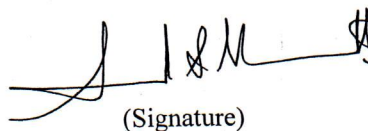
General Provisions of the MOU dated Jan. 31st , 2006 are applicable to this Addendum.

In witness whereof the Parties hereto have executed this Addendum to the Agreement dated Jan. 31<sup>st</sup>, 2006 by their legal representatives as shown below:

**Effective Date:** - 05.05.07

  
(Signature)  
**Comptroller**  
GBPUA&T

  
(Signature)  
**Dr. Basant Ram,**  
Director Experiment Stations  
Nominee of Vice – Chancellor  
G.B.Pant University of Agriculture  
& Technology ("GBPUA&T")

  
(Signature)  
**Arvind Mathur**  
Director  
Armeco Consultant Pvt. Ltd  
("ACPL")

## Annexure I

(to MOU\_Addendum dated May 05, 2007)

For the add on activities against this MOU-Addendum i.e. crop improvement and training components, a separate finds provision has been made. Following is the cost table including the balance costs for running the existing MOU signed on Jan 31<sup>st</sup>, 2006 (Rs. 5.50 lakhs) up to July 2007 and the proposed cost of addendum activities to the said MOU i.e. crop improvement, training and demonstration (Rs. 3.29 lakhs) from Jan. 2007 to Dec. 2007.

Sr. No.	Items	Jan 2007	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Rs. Lacs
1	Senior Research Fellow	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	1.080
2	Contingencies	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	2.880
3	Training and training material				0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	2.250
4	Honoraria	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	1.440
5	Institutional charges @ 15 %	0.068	0.068	0.068	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	1.150
	<b>Total Rs. Lacs</b>	<b>0.518</b>	<b>0.518</b>	<b>0.518</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>0.805</b>	<b>8.790</b>

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## प्रसार शिक्षा निदेशालय

गो० ब० पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय, पन्तनगर (ऊधमसिंहनगर)

पत्रांक: प्र.शि.नि./स्टेनो/०७/ 329

दिनांक: जून 29, 2007

### वित्त नियंत्रक

भारतीय कृषि अनुसंधान परिषद, नई दिल्ली से जनपद अल्मोड़ा के मटेला में कृषि विज्ञान केन्द्र की स्थापना के संबंध में आदेश संख्या 2-12/03 ए० ई०-11 दिनांक 13.06.2007 तथा जनपद नैनीताल के ज्योलीकोट में कृषि विज्ञान केन्द्र की स्थापना के संबंध में आदेश संख्या 5-5/04 ए० ई०-11 दिनांक 14.06.2007 प्राप्त हुआ है। इसके साथ विश्वविद्यालय एवं भारतीय कृषि अनुसंधान परिषद के साथ हुये अनुबन्ध (एम०ओ०यू०) हस्ताक्षरोपरान्त प्राप्त हुआ है जो आपके कार्यालय में संरक्षित हेतु संलग्न प्रेषित है।

संलग्न: उपरोक्तानुसार

(के०पी० सिंह)  
निदेशक प्रसार शिक्षा

C-1664  
30/6/07

बरहा  
कृषि विज्ञान केन्द्र

कारा प्रती प्राप्त है।

02/07/2007

30/6/07

SPEEDPOST

①

Tele. No.25843279 (O)

INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
KRISHI ANUSANDHAN BHAVAN  
PUSA, NEW DELHI - 110 012

F.No.2-12/03 AE II

Date: 13.06.2007

To

✓  
Director Extension Education,  
G.B.Pant University of Agriculture & Technology,  
Pantnagar -263145 (Uttarakhand)

Sub: Shifting the site of the KVK, Almora from Chaubatia to Matela -reg.

Sir,

I am to invite a reference to your letter No.Extn./VC Camp/831 dated 20.3.2007 on the subject cited above and to convey the approval of the competent authority for shifting the site of KVK, Almora from Chaubatia to Matela.

A copy of MoU duly signed in respect of KVK, Matela, Almora is enclosed for your information and record.

MoU entered into between ICAR & GBPUA&T, Pantnagar earlier in respect of KVK, Chaubatia, Almora is hereby withdrawn.

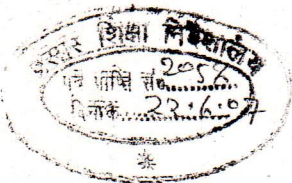
Yours faithfully,

Ram Chand  
(Ram Chand) 13/6/07

Asstt. Director General (KVK)

CC:

Zonal Coordinator, Zone IV,  
G. T. Road, Rawatpur, Near Vikas Bhavan,  
Kanpur - 208 002 (U.P.) along with a copy of MoU.



PS / h B S Kariki: sms  
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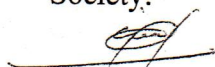
APPROVED FORMAT  
Of  
MEMORANDUM OF UNDERSTANDING

MEMORANDUM OF UNDERSTANDING BETWEEN THE INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI ANUSANDHAN BHAVAN, NEW DELHI-110012 AND THE G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR, DISTRICT UDHAM SINGH NAGAR, UTTARAKHAND (NAME OF THE GRANTEE) FOR SCIENTIFIC AND TECHNICAL COOPERATION IN THE IMPLEMENTATION OF THE PROJECT OF KRISHI VIGYAN KENDRA AT **MATELA (ALMORA)**.

1. This agreement made this \_\_\_\_\_ day of March 2007, between the ICAR, a Society registered under "Society Registration Act", 1860, hereinafter called "Council", as the First party and the G.B. Pant University of Agriculture & Technology, Pantnagar (Grantee i.e. SAU/State Government/ Deemed University/PSU/Other Government Organizations) established under Krishi Vishwavidyalaya Adhiniyam, U.P. Act XI-B of the state of U.P. at Pantnagar situated in the State of Uttarakhand hereinafter called the "Grantee" (Second party)

2. Whereas the Indian Council of Agricultural Research have the following mandate;

- (i) To plan, undertake, aid, promote and co-ordinate education, research, and its application in agriculture, agro-forestry, animal husbandry, fisheries, home science and allied sciences.
- (ii) To act as a clearing house of research and general information relating to agriculture, animal husbandry, home science, allied sciences and fisheries through its publications and information system, and by instituting and promoting transfer of technology programmes.
- (iii) To provide, undertake and promote consultancy services in the fields of education, research, training and dissemination of information in agriculture, agro-forestry, animal husbandry, fisheries, home science and allied sciences.
- (iv) To look into the problems relating to broader areas of rural development concerning agriculture, including post-harvest technology by developing cooperative programmes with other organizations such as the Indian Council of Social Science Research, Council of Scientific and Industrial Research, Bhabha Atomic Research Centre and the Universities.
- (v) To do other things considered necessary to attain the objectives of the Society.

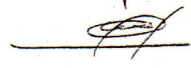




- 3
3. And the project of Krishi Vigyan Kendra of I.C.A.R. has the mandate as under:
- i) Conducting "on-farm testing" for identifying agricultural technologies for location specific sustainable land use systems.
  - ii) Organize training to update the extension personnel with the advances in agricultural technology on regular basis.
  - iii) Organize vocational training courses in agriculture and allied vocations for the farmers with emphasis on "learning by doing".
  - iv) Organize front-line demonstrations to generate production data and feedback information.
4. And whereas the G.B. Pant University of Agriculture & Technology, Pantnagar, Distt. U.S. Nagar, Uttarakhand (SAU/Instts./NGO/Grantee) has the following mandate/ objectives: (The mandate/objectives of the grantee institution should be indicated here)
- (1) Making provision for the education of the rural people of Uttarakhand in the different branches of study, particularly agriculture, rural industry and business and other allied subjects;
  - (2) Furthering the prosecution of research particularly in agricultural and allied sciences; and
  - (3) Undertaking field and extension programmes.
5. As per the memorandum, the Council (first party) shall provide grant for the project on Krishi Vigyan Kendra at **Matela, District Almora** according to the pattern of assistance approved under the Krishi Vigyan Kendra scheme subject to personnel and budgetary limitation imposed by the Government of India from time to time. The items of assistance may *inter-alia* include the following:
- (i) Salary assistance in respect of competent scientists and technical staff in different disciplines (Agriculture Extension, Agronomy, Plant Breeding, Livestock Production, Horticulture, Home Science, Agricultural Engineering, Fisheries, Agro- forestry, Soil Science and Plant Protection) based on the local needs and requirements for taking up various activities of the KVK as per mandate;
  - (ii) Assistance for salary in respect of modest office staff necessary to support the scheme;
  - (iii) The cost of approved recurring and non-recurring items based on the pattern of assistance applicable to KVKs as decided by the competent authority from time to time;



- (iv) Council may also consider assistance as one time revolving fund refundable after five years for maintenance and running of farms, workshops, gardens, farm animals, birds, ponds etc. which will be strictly operated according to the rules and guidelines of revolving fund scheme of the Council:
  - (v) For participation in and organization of workshop, seminars, symposia and meetings approved in advance by the ICAR; and
  - (vi) Expenses on publication of Progress Reports and other literature as approved by the Council.
- 6 For scientific and technical cooperation in the effective implementation of the scheme and for obtaining assistance as stated herein above, the Grantee (second party) shall make available the following:
- (i) At least 6.8 hectare of good quality cultivable land at suitable location, fish ponds or other required field/laboratory/classrooms facilities for imparting instructions through work experience/learning by doing.
  - (ii) Required roads, water, electricity, communication, sewer and other appropriate facilities.
  - (iii) Required Staff, Building, equipments and animals presently available with the Grantee (Institution) and specifically identified by Council for transfer to KVK as agreed for joint use from time to time.
  - (iv) Monetary and material support in addition to the provision made by the Council with a view to rapidly develop the Krishi Vigyan Kendra and enlarge their programmes; and the profit/ resource generated from KVK farm/ animals etc. will be ploughed back and utilized for development and execution of schemes.
  - (v) A concrete action plan indicating financial and logistic support for the satisfactory continuance of the KVK programme after the central assistance is phased out by the Council.
7. The Grantee (second party), in addition, agrees to:
- (i) Open a separate Bank account in the name of KVK where entire grants-in-aid received from the Council would be deposited and amount will be withdrawn for the expenditure to be made only for the activities/ programmes of the KVK including salary of the staff of KVK.
  - (ii) The interest earned out of Council's grant will be indicated in KVKs account and intimated to the Council half yearly alongwith progress



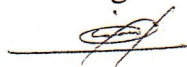


report. The interest earned will be counted while remitting/releasing grants. Grants will be released less by the income earned by the KVK.

- (iii) The pay scale of KVK staff should not be more than the pay scale approved by the council for the scheme and the qualification of the staff should be commensurate with the requirement of job and the pay attached to that post. Any incentive or ad-hoc increase in pay over and above the scales approved by the council shall be borne by the KVKs from their own resources.
- (iv) Keep the designations and duties of the staff in accordance with the provisions made in the scheme.
- (v) Not to divert/ transfer/terminate any scientist, technical and office staff of KVK for any other work other than that of Krishi Vigyan Kendra.
- (vi) Treat KVK staff at par for the purpose of privileges, amenities and facilities permissible to other staff of the Grantee.
- (vii) Consult the Council before making any change in the programme of the Kendra or the personnel employed therein.
- (viii) Ensure that if any staff of the Kendra leaves to take up any other employment, he/she invariably leaves behind a report on the work done during the relevant period together with all data collected to enable his successor to compile the complete report at the end of the year.
- (ix) Keep the Council constantly informed about the progress and the problems of the Krishi Vigyan Kendra through the proceedings of the meetings, training courses being offered etc.
- (x) Allow the Incharge, Krishi Vigyan Kendra to directly correspond with the Council in regard to the routine activities, progress and plans of the Kendra.
- (xi) Permit the Local Incharge of Krishi Vigyan Kendra to interact with the Council on policy and financial matters.
- (xii) Constitute the Scientific Advisory Committee duly approved by the ICAR as per the guidelines provided by the Council and subject to change in the guidelines from time to time.
- (xiii) Allow the Council to review the KVK by QRT and agree to follow the approved recommendations by the Council.
- (xiv) Provide an executive order allotting specific land/farm for KVK purpose.

8. Further, both the parties mutually agree that:

- (i) The Kendra or the Scientists responsible for doing outstanding work in organizing training programmes and other activities and significantly contributing towards agricultural production in the area shall be given due recognition.
- (ii) All staff of KVK shall be borne on the establishment of grantee only. The administrative control over the staff employed under the scheme, therefore, shall vest in the host institution. The placement of staff working in the project after the termination of the project shall be the






- sole responsibility of Grantee (second party) without having any liability on the Council.
- (iii) The Incharge, Krishi Vigyan Kendra and other staff shall be made available for meetings and consultations at the Council's Headquarters, when needed as per the TA/DA rules of the grantee.
  - (iv) The staff of the Kendra shall be encouraged to publish literature related to training programmes and evaluate studies including major achievements.
  - (v) In case of the development of a new technique or some other innovation, the Council's permission shall be sought before publishing it.
  - (vi) A detailed report of the work undertaken and completed under the scheme shall be submitted to the Council in the prescribed proforma by the Incharge, Krishi Vigyan Kendra every half year. Such report shall be furnished at the end of September and March every year by the Incharge, Krishi Vigyan Kendras of the host Institution.
  - (vii) On the basis of the assessment of these reports, the Council would release grants for the scheme every half year. In the event of an unsatisfactory progress of work at a Kendra as assessed by the Council, the Council may stop the release of further grants to such Kendra or terminate the project funding without assigning reasons.
  - (viii) The expenditure incurred from the grant will be audited by the Accountant General, Central Revenues/Commerce, Works and Miscellaneous or Accountant General of the State concerned or the Examiner of the Local Fund Accounts or Statutory Auditors of the Grantee Institutions or a Chartered Accountant or the ICAR's own internal auditors. Such auditors will furnish to the Secretary ICAR by the end of December of each year a certificate to the effect that the accounts of previous year ending on March have been audited and the grant has been spent on the objects for which it was meant. Any unspent balance should be refunded to the Council on the termination of the scheme. Further grants in respect of the scheme will be stopped unless the audit and utilization certificates in the prescribed proforma are received within a period of three years after the end of the financial year during which the grant has been made. Besides stoppage of grant of the KVK scheme due to non-receipt of the Audit and Utilization Certificate, the Council at its discretion may stop release of grant for other schemes being conducted at the time under the control of the defaulting grantee till the Audit and Utilization Certificates due are received.

In addition to the normal audit as stated above Secretary, ICAR may also get special audit conducted by ICAR Inspection Team.

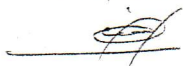
- (ix) In addition to the above, the Kendra shall submit a detailed annual report of the work of the Kendra and also the working plan for the next year to the Council.
- (x) The grant given by the Council will be utilized exclusively for the






intended purpose and on items for which it is sanctioned by the Council, and it will not be regarded as a subversion towards the normal work of the State Agriculture or Animal Husbandry or any other Department of the University or Institution.

- (xi) The financial assistance rendered by the Council will always be acknowledged in any published account of the work for which the grant is given.
- (xii) The stores of nominal value (contingencies purchased, if any, out of the grants given by the Council) will be deemed to have been utilized appropriately for the purpose for which these have been sanctioned and certificate to this effect is furnished to the Council by the Officer-in-Charge of the scheme.
- (xiii) The half yearly demand for funds will be submitted to the Council in the prescribed proforma by the Grantee in April and September every year for release of first and second half yearly grant respectively.
- (xiv) Accounts of KVK will be maintained separately by the grantee institution. Separate audit certificates will be submitted in respect thereof.
- (xv) The Council will not be liable to bear any expenditure on pension contribution and/ or leave salary contribution or any other retirement benefits incurred or committed by the grantee, in lieu of the CPF/GPF etc.
- (xvi) Assessment of the performance of staff of Krishi Vigyan Kendra shall be done by the grantee institute in consultation with ICAR as per norms and procedure approved for implementation of KVK Scheme.
- (xvii) The Council shall appoint suitable committees from time to time to assess the progress of the Krishi Vigyan Kendra. On their recommendations further grants and continuance of the scheme shall be considered.
- (xviii) In the event of the termination of the scheme, the vehicles, farm machineries and equipments and other articles purchased under the scheme and the buildings acquired/constructed with Council assistance shall remain the property of the Council. The Council shall decide the manner in which these equipments and articles can be utilized/ transferred/ disposed of.
- (xix) The stores of capital nature acquired for Kendra out of the grants given by the Council for this purpose shall be maintained in good condition with proper record. The vehicles, farm machineries and equipments will be maintained in the stock registers of the grantee institutions which should be presented to the ICAR officers for inspection and to the Auditors for check and endorsement.
- (xx) The Project is essentially a cooperative/partnership venture. Any matter not covered specifically in this Memorandum of Understanding may be settled by mutual discussion. On points where disagreement persists and differences arise out of this MOU, the matter may be referred to the

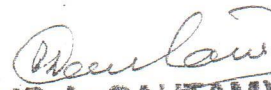


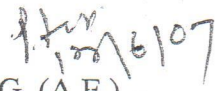



Secretary of the Council whose decision shall be final and binding on the parties.

- (xxi) Requests for any major change or termination of this understanding shall be furnished by either party to the other for consideration not less than 90 days in advance of the desired date for effecting any change/termination.
- (xxii) In the event of the termination of the project because of the violation of MOU by the Grantee (second party), the value of the buildings constructed out of grants from Council and the council shall be at liberty to deal with the property in any manner they decided.
- (xxiii) The operation of this Understanding may be extended by mutual consent for such period or periods as may be considered desirable by both parties before the existing term/ time is over.
- (xxiv) The Council will have the right to publish the relevant data/materials obtained as a result of work done under the KVK scheme before they are published elsewhere.
- (xxv) For contravening or for non-complying with any of the conditions of MOU by the Grantee, Council can terminate the project without giving any notice for the same and without any liability whatsoever.

(Signed & put the seal on March, 2007 in presence of witnesses as under)

  
Vice-Chancellor  
GBPUA&T Pantnagar  
G.B. Pant University of Agriculture and Technology  
Pantnagar-261145 (Uttaranchal)

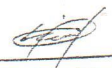
  
D.D.G. (A.E.)  
(ICAR)  
First Party  
(ICAR)

Witness :

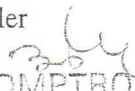
Dy. DG. (Agril. Extn.)  
I. C. A. R.  
Krisbi Anushandhan Bhawan  
New Delhi-110042

Name and address

Signature

  
1 Director Extension Education  
DIRECTOR EXTENSION EDUCATION  
G.B. Pant Univ. of Ag. & Tech.  
Pantnagar-261145 (Uttaranchal)

2 Comptroller

  
COMPTROLLER  
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UTTARANCHAL