

कुलपित कार्यालय गोविन्द बल्लभ पंत कृषि एवं प्रौद्योगिक विश्वविद्यालय, पन्तनगर—263145, उधम सिंह नगर (उ प्र.)

कुलवी के विजी समित विशेष्ठ कामी दिकारी

पत्रांक : वीसी/पीएस १९५5 दिनांक : २००५ हो १०, २००५

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नियंत्रक कार्यालय पत्र संव १६० दिनाक १०-८००) व्यानिया रिवा

11/21/1

AGREEMENT OF COOPERATION

BETWEEN

G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, Pantnagar, Udham Singh Nagar, Uttarakhand, 263 145 INDIA

AND

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
ON BEHALF OF THE DAVIS CAMPUS
One Shields Avenue
Davis, CA 95616
UNITED STATES OF AMERICA

The Regents of the University of California, on behalf of the Davis Campus, and G.B. Pant University Of Agriculture & Technology, Pantnagar have entered into an Agreement of Cooperation in order to further the development of basic scientific and technological research and graduate education at the two (2) Institutions. This general Agreement between the two (2) Institutions may be implemented by one or more specific working agreements between subunits of the Institutions adopted as amendments to the general agreement.

AGREEMENT OF COOPERATION NUMBER 2007-17 ENTERED INTO BY G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY HEREAFTER REFERRED TO AS GBPUAT, Pantnagar REPRESENTED BY DR. P. L. GAUTAM, VICE CHANCELLOR, AND BY THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, ON BEHALF OF THE DAVIS CAMPUS, HEREAFTER REFERRED TO AS UC DAVIS, REPRESENTED BY DR. LARRY N. VANDERHOEF, CHANCELLOR OF THE DAVIS CAMPUS.

^{*} Number to be assigned by the Office of the Vice Provost.

DECLARATIONS

L GBPUAT, PANTNAGAR DECLARES:

- A Govind Ballabh Pant University of Agriculture and Technology (formerly UP Agricultural University), Pantnagar is the first agricultural university of India. It was established on the pattern of Land Grant Universities of the United States through an Act of Legislature (UP Act XLV of 1958). University came into existence on November 17, 1960. The main purpose of the university is to carry our teaching, research and extension in field of agriculture and other allied sciences. Its chief campus officer is the Vice Chancellor.
- B. In order to achieve its goal university is organized into the College of Agriculture, College of Veterinary and Animal Science, College of Home Science, College of Fishery Science, College of Basic Science and Humanities, College of Technology, College of Agri-business Management and College of Post Graduate Studies.

II. UC DAVIS DECLARES:

- A. That it is one of the nine campuses of the University of California, an institution created by the State of California in 1868 to impart higher education and to plan and carry out research programs for the purpose of the preservation and extension of knowledge, including the awarding of advanced degrees at the M.A., M.S., Ph.D., and professional level. It was created by the Organic Act of 1868, which established it with appropriate judicial and financial support at the State level, and as a Land Grant Institution of the United States under the Morrill Act of 1862. Its chief campus officer is the Chancellor.
- B. That, in order to accomplish its mission, it is organized into the College of Agricultural and Environmental Sciences, the College of Engineering, the College of Letters and Sciences, the Graduate School of Management, the School of Law, the School of Medicine, the School of Veterinary Medicine, Graduate Studies, the Agricultural Experiment Station, and the Agricultural Cooperative Extension.

III. BOTH PARTIES DECLARE:

- A. That the Institutions are united by common interests and objectives in academic, scientific and cultural affairs;
- B. That these Institutions are the ones which, by reason of their essence, ends and objectives are called upon to establish channels of communication that will facilitate intellectual interaction;
- C. That for the reasons above, the Institutions believe it advantageous to promote their academic ties by entering into an academic, scientific and cultural agreement of cooperation;
- D. That, because of mutual benefits to the Institutions in the advancement of graduate research and education through the scholarly educational, scientific, technological and cultural contributions of each, it is appropriate and advantageous to the Institutions to

enter into this Agreement of Cooperation.

CLAUSES

- L The objective of the present Agreement is to increase the academic, scientific and cultural relations between GBPUAT, Pantnagar and UC Davis in identified areas where there is mutual interest in establishing specific working Agreements of Cooperation.
- II. Under this general Agreement, cooperative work may be undertaken by subunits of the Institutions. A working agreement between the respective subunits may be executed as an amendment to this general Agreement, and will include:
 - A. Designation of the participating institutional subunits (e.g. Colleges, Schools, Divisions, Departments and Programs);
 - B. Designation of one or more persons in each institution who will serve as program leader(s) for the agreement; and
 - **C.** General description of the kinds of cooperative work and activities to be undertaken.
- III. For each working agreement, the program leaders will be responsible for developing an annual program plan, including a description of the work and activities to be undertaken and the financial arrangements to support them. The annual program plan will require approval by the chief administrative officer of each Institution or the officer's designated representative.
- IV. The financial stipulations that will apply to the exchange of academic personnel are as follows:

When the researcher or teacher goes to the other Institution at the host Institution's request, the host Institution will be responsible for the international travel costs and living expenses in accordance with its internal regulations. In all other circumstances, the Institution of origin will be responsible for the international travel costs and living expenses incurred. Other financial arrangements relating to such matters as health insurance and tuition will be addressed in specific working agreements.

- V. Access to emergency medical care for researchers, teachers and graduate students will be based on the health care programs available at the host Institution. The cost of medical/health services will be the responsibility of the visiting researchers, teachers and graduate students.
- VI. Each Institution will take steps to:
 - **A.** Publicize the opportunities available under this Agreement of Cooperation and promote the development of cooperation;
 - **B.** Assist its subunits, faculty, staff and students with the administrative details of interchange; and,
 - C. Establish a review process for approval and evaluation of programs.
- VII. The Institutions, under the auspices of this Agreement, may jointly sponsor conferences, short courses, regular courses, seminars and symposia, as well as exchange publications and other didactic and research materials.

- VIII. The present Agreement is for three (3) years, and it or any of its parts may be modified or terminated by written consent of both parties who will comply with the obligations that might be in effect on the date of termination.
- IX. Regularly employed personnel, while involved in this Agreement of Cooperation, remain subject to the rules and regulations of their own Institution in all matters of employment, benefits, medical and life insurance, employee rights, etc.
- X. The general Agreement does not, in and of itself, obligate either GBPUAT, Pantnagar or UC Davis to any financial expenditures not explicit in the above. Such obligations, if any will be made as part of the specific working Agreements and annual program plans which may be developed under this Agreement. Both parties hereby agree to comply with each and every obligation contained in this document and all those which might be in effect on the date of termination of the Agreement.

XI. Mid-course correction, if any, in the agreement shall be done with mutual consultation.

Having read the present Agreement and being fully aware of the content and scope of each and every one of its clauses, the parties hereby affix their signatures to the present document.

G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY

By

10.4.2007

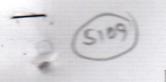
of Agriculture & Technology

Pantnagar-203 145 (

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

arry N. Vanderhoef

Chancellor



MICHIGAN STATE

May 16, 2007

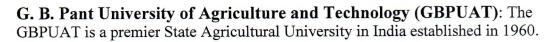
SUBJECT: Letter of Intent for Collaboration between

World Technology Access Program (WorldTAP) of the Institute of International Agriculture (IIA) at Michigan State University (MSU)

and

G. B. Pant University of Agriculture and Technology (GBPUAT)

WorldTAP-IIA/Michigan State University (MSU): Michigan State University, a premier land grant university in the United States founded in 1855, is recognized world wide as a center of excellence in international agricultural development. MSU through the World Technology Access Program (WorldTAP) of the Institute of International Agriculture (IIA) in the College of Agriculture and Natural Resources has facilitated exchange of knowledge, technologies, and information with the global community via training, educational and capacity building programs offered in the U.S. as well as in international settings.



The purpose of this letter of intent is to set an understanding of the parties (WorldTAP-IIA/MSU and GBPUAT) and to define potential areas of collaboration and facilitation functions between the parties. Under the India-U.S. Agricultural Knowledge Initiative (AKI), the WorldTAP program at Michigan State University and GBPUAT intend to collaborate towards Agricultural Capacity Building in the following broad areas.

- Water and Natural Resources Management
- Food Science and Technology
- Animal Husbandry, Dairy, and Veterinary Medicine
- Agricultural Biotechnology and Biosafety
- Food Safety/Food Laws
- Intellectual Property Rights (IPR), Technology Transfer, and Commercialization
- Integrated Pest Management (IPM), Biodiversity, and Sustainable Agriculture
- Marketing, Agribusiness, and Socio-economic Impacts



INSTITUTE OF INTERNATIONAL **AGRICULTURE**

College of Agriculture and Natural Resources

Dr. Karim M. Maredia, Ph.D.

Michigan State University Institute of International Agriculture

416 Plant and Soil Sciences East Lansing, MI 48824, USA

Phone: 517-353-5262 Fax: 517-432-1982 e-mail: kmaredia@msu.edu

July Bou Kain M. March

WorldTAP-IIA/MSU and GPPUAT proposes the following activities:

- Develop joint proposals for collaborative research and training in the above areas.
- Exchange of scientists, students, regulators, policy makers, and administrators in the areas of mutual interest contingent upon the availability of funding and approval of each institution.
- Exchange of information, publications, and training materials in the above mentioned areas.
- Exchange of agricultural related technologies for collaborative research and development through appropriate technology transfer agreements and based on the approval of each institution.
- Organize joint training programs at GBPUAT and facilitate participation in MSU based training, internships and degree programs contingent upon the availability of funding and based on the approval of each institution.

The following mechanisms may be used to deliver need based and tailored programs:

- Short-term training (Short courses)
- Internships
- In country courses, workshops, seminars, and conferences
- Long-term training and degree programs
- Professional exchanges of scientists and policy makers
- Collaborative research
- Agricultural related study tours to the US
- Membership in professional societies and associations
- Technical advice, consultation on agricultural research, policy and management issues
- Information exchange, books, journals, and electronic resources
- Online and distance learning courses.

K M. Maredia, Ph.D

Program Director-WorldTAP

MSU Institute of International Agriculture

Karin M. Marelia

East Lansing, U.S.A.

P. L. Gautam, Ph.D

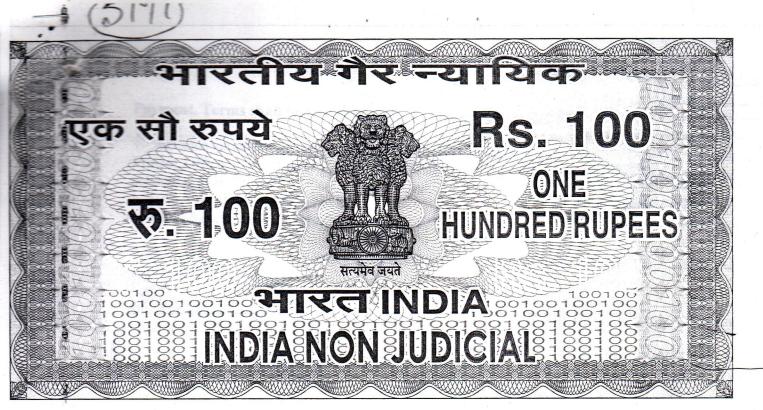
Vice Chancellor

G. B. Pant University of Agriculture

and Technology

Pantnagar, Uttarakhand, INDIA

feet. Boy



उत्तर्भंचल UTTARANCHAL

C 227117

GOVIND BALLABH PANTNAGAR UNIVERSITY OF AGRICULTURE AND TECHONOILOGY

AND

PROJECT OFFICER UTTARAKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY (UREDA) U.S.NAGAR

Work:- Solar Water Heater in Shivalik Hostel, Pantnagar.

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 Officer Uttarakhand Renewable Energy Development Agency (UREDA) on other part (here in after called UREDA). U.S.Nagar.

Where as the university has decided to award the work to Project Officer Uttarakhand Renewable Energy Development Agency (UREDA) U.S.Nagar

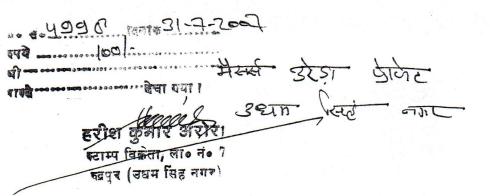
- 1- The total cost of work is Rs.8,67,610.00 (Rs.Eight lacs Sixty Seven thousand Six hundred ten only) as per sanction award letter no.Dy.D.W.P.(C)/2245 dt. 11-10-06.
- 2- The material and the work may be inspected by the client through its authorized representative not below the rank of Assistant Director.
- 3-The approach road Up to site of work and site clearance will be provided by the university.
- 4- 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.



6.000

COMPTROLLER

6, B. Pant Univ. of Agric. & Tech,
PANTNAGAR-263145 (U. S. Nagar)





Payment, Terms shall be as under:-

- 1- Advance payment of sanctioned amount shall be released by the university to the unit Project Officer Uttarakhand Renewable Energy Development Agency (UREDA) as per the schedule given below:-
- a- 60% = As mobilization advance.
- b- 40% after successful trial of one month.
- 2- No trade tax, income tax shall be deducted by the university from UREDA 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 with in sanctioned estimated 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- 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 Project Officer Uttarakhand Renewable Energy Development Agency (UREDA) will supervise the work of two year after handling over of work.

In witness where of the parties have to have execute this agreement on date:-

For and behalf of Project Officer Uttarakhand Renewable Energy Development Agency (UREDA)

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

E, B. Pant Univ. of Agric. & Tech. PANTNAGAR-263145 (U. S. Nagay)

Project Officer, UREDA, U.S. Nagar

In the presence of witness:-

1-

2026

2-

कार्यालय उपनिदेशक निर्माण एव संयंत्र(निर्माण) गो०ब०पंत कृषि एव प्रौद्योगिक विश्वविद्यालय, पन्तनगर (उधमसिंहनगर)

पत्रांक:उनिनि/३३५5

दिनांक:11-10-06

मै० उत्तरांचल अक्षय उर्जा विकास अभिकरण (उरेडा) जिला पंचायत भवन रूद्रपुर (उधमसिंहनगर)

> विषयः विश्वविद्यालय के शिवालिक भवन छात्रावास में 600 ली० प्रतिक्षमता के संयंत्रों एंव किचन में 100 ली० प्रति क्षमता सोलर वाटर की स्थापना के सम्बन्ध में ।

महोदय,

कृपया आपके पत्रांक 221/उरेडा/उ०सिं०नं०/सो०वा०ही०/०6-07 दिनांक 22-8-06 के सन्दर्भ में अवगत कराना है कि विश्वविद्यालय द्वारा शिवालिक भवन छात्रावास में 600 ली० प्रति क्षमता में कुल सोलर वाटर हीटर इलैक्ट्रिक बैकअप एण्ड कोल्ड वाटर सहित कुल 6 नं० लगाये जाने हेतु स्वीकृति प्रदान की गई है । आपके द्वारा दिये गये आंकलन सहित कुल कार्य लागत रू08,67,610.00 मात्र होगी ।

अतः आपसे आग्रह^{ें} है कि उक्त कार्य विश्वविद्यालय के साथ एम०ओ०यू० करते हुए शीघ्रातिशीघ्र कराने का कष्ट करें ।

उपनिदेशक नि०एवं सं०(निर्माण) । ७

प्रतिलिपिः 1. निदेशक निर्माण एंव संयंत्र को सूचनार्थ ।

2. नियंत्रक को सूचनार्थ ।

3. सहायक निदेशक-प्रथम को आवश्यक कार्यवाही हेतु ।





शिवालिक हास्टल गोविन्द बल्लभ पन्त विश्वविद्यालय पन्तनगर में सोलर वाटर हीटर की स्थापना का

क0सं0	विवरण	दर	संख्या	योग
1.	600 लीo/दि०ई०टी०सी०बे०सोलर 05 वाटर हीटर इलैक्टिकल वैकअप एंव कोल्ड वाटर	1,15,800.00	06	6,94,800.00
2	सहित	2		
2.	ताप मा प क संयंत्र	350.00	06	2,100.00
3.	गरम पानी की लाईन (मीटर में)			
	इन्सुलेटिड पाईप आधा इंच	270.00	30	8,100.00
	उपरोक्तानुसार पोन इंच	300.00	30	9,000.00
	उपरोक्तानुसार एक इंच	347.00	30	10,410.00
3	उपरोक्तानुसार डेढ़ इंच	390.00	200	78,000.00
4.	ठण्डे पानी की लाईन डेढ़ इंच	125.00	300	37,500.00
5.	गेटवाल्ब आधा इंच	160.00	06	960.00
	एक इंच	300.00	06	1800.00
	डेढ इंच	360.00	12	4320.00
	एन०आर०वाल्ब डेढ़ इंच	650.00	06	3900.00
	टोटी आधा इंच	120.00	06	720.00
6.	इलैक्टिकल केवल मी०	100.00	100	10,000.00
7.	एम0सी0बी0 बाक्स सहित	1000	06	6,000.00
		9 · · · · · ·	योग	867610.00

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(सतीश चन्द्र शर्मा) परियोजना प्रभारी उरेडा—उधमसिंहनगर दूरभाष:05944—247086

