

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Office of Sponsored
Programs Administration
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Ames, Iowa 50011-2207
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June 20, 2013

Subhashini Mesipam
Administrative Coordinator
Environment & Production Technology Division
International Food Policy Research Institute
2033 K Street NW
Washington, DC 20006-1002

RE: Contract 2011X019.ISU (Project 600067.000.016 520-01-01), Amendment #3
ISU PI, Manjit Misra
ISU Account 404-40-78

Dear Ms. Mesipam:

- () Enclosed please find three original cover sheets of the referenced document signed by Iowa State University. Please return a fully executed copy of the document to my attention via e-mail at mruther@iastate.edu.
- () Enclosed please find original(s) of the referenced document signed by Iowa State University. Please counter-initial, returning a fully executed original of the document to my attention at the address below.
- (X) Enclosed please find a fully executed original of the referenced document signed by Iowa State University.

Thank you for your assistance in this matter.

Sincerely,



Marva Ruther
Senior Award Administrator
Iowa State University
1138 Pearson Hall
Ames, IA 50011-2207
515-294-7045
mruther@iastate.edu

c: Manjit Misra
Connie Sandve
CALs



INTERNATIONAL FOOD POLICY
RESEARCH INSTITUTE
sustainable solutions for ending hunger and poverty
Supported by the CGIAR

Contract No.: 2011X019.ISU	Amendment No.: 3	Date: May 23, 2013
Collaborator: : Iowa State University (ISU) Address: 1138 Pearson Hall Ames. IOWA 50011-2207		IFPRI Project No: 600067.000.016 520-01-01
Purpose: Extension of term of contract, increase in value of contract, revising program of work and including a new provision.		
Payment: Contract Value shall increase by \$143,221 from \$244,973 to \$388,194 . An amount of \$143,221 is the budget allocated for the Period April 01, 2013- September 30, 2013. Please refer to attached Budget as Exhibit -1 for calculation of the obligation. The total Cost share for the collaborator would equal or exceed \$40,410.		
Term: Revised from October 01, 2010 - March 31, 2013 to October 01, 2010 - September 30, 2013.		
Program of Work: The following requirements are being added. Collaborator shall use net mapping for biotech exclusively for IFPRI. If and when the need arises that net mapping be used with other third party, Collaborator shall seek permission and approval of IFPRI in writing 30 days in advance. Please refer to Exhibit 1 for Statement of work. The University will comply with all applicable state and federal laws and regulations, including those related to conflict of interest and objectivity in research. These laws include, but are not limited to, Federal Public Health Regulations, 42 CFR, part 50, subpart F and 45 CFR, part 94 National Science Foundation Grants Policy Manual 510, as amended by 60 FR 35820 (1995), and Iowa State Statute. <u>Reporting Requirements</u> Trip Report The collaborator should submit a travel expense report within 10 business days after completion of the travel accompanied by one page trip report. The travel expenses will not be entertained without a trip report. The trip report should include the following: a) Purpose of the trip b) Dates and place visited c) Meeting with the key persons and conducted workshops d) Result or outcome of meeting e) Recommendations and next steps IFPRI anticipates receipt of a progress report on a quarterly basis, or as requested.		
All other provisions of the original agreement (and previous amendments) shall remain in effect.		

If the above terms meet with your approval, please sign below and return one copy of the document to IFPRI (along with the completed W-8 or W-9 form) and retain the other copy for your records.

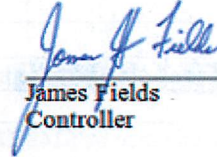
On behalf of International Food Policy
Research Institute:



Judy Chambers
Project Manager



Mark Rosegrant
Division Director



James Fields
Controller

5/23/2013
Date

6/5/2013
Date

6/17/2013
Date

AGREED:

 6/20/2013

Marva K. Ruther
Senior Award Administrator

Date

Project: Section: 600067.000.016
Collaborator: Section I: Iowa State University
Project Leader: Judy Chambers
Project AC/PA: Baram Joshi
Follow-up: Iowa State University

WORK-PLAN FY2013 ISU***1- Applying Process Mapping in Biosafety Systems***

Process mapping is a tool widely utilized in the public and private sector to control the processes, procedures, and activities of a government agency to streamline operations. Process mapping is also an appropriate tool for developing a quality system for the implementation of biosafety regulations. The development of practical and implementable regulatory systems based on process mapping ensures that GM products are objectively and methodically evaluated for approval or rejection based on science. ISU will continue its collaboration with PBS in this area continuing to focus primarily on supporting progress in key decision-making processes in partner countries such as Uganda, Indonesia, Ghana and Tanzania.

The activities are the following:

1. In 2012, the development of a process manual for GM Crop commercialization in Kenya was initiated with considerable progress. The manual will be completed the first half of FY2013. This manual can then be modified into a generic manual, which will include elements for food safety and environmental safety, which can be used as a training tool in other countries. BIGMAP already has this product for food safety, but the environmental risk assessment element will be new.
2. Develop flowcharts using process mapping for socio-economic topics for different countries.
3. Based on experiences in PBS partner countries where there is ongoing research in plant biotechnology, there is a need for some clear regulatory guidance on importation of GM plant material for research purposes. In FY2013, process mapping can be used to develop a manual that can serve as a template for our partner countries on this issue.
4. As PBS partner countries move beyond the research/confined testing phase of GM plant regulation, and are making decisions about general releases and commercialization, it is important to consider how the current practices for national variety release or national performance testing fits into the regulatory process. In FY2013, ISU will develop guidelines for this process based on examples from other countries, which can be used as a template for similar guidelines in PBS partner countries.

Deliverables:

- i) Process for biosafety system developed for Indonesia, Uganda, Ghana and Tanzania
- ii) Process for variety release related to GE varieties developed for Kenya, and adapted for other countries.
- iii) Socio-economic issues integrated in the process mapping.
- iv) Commercial Release guidelines developed

2- Enhance the biosafety process and data management

In PBS partner countries where the regulatory systems are defined and functioning to accept applications, it should be possible to use software to track applications as part of the process. Based on the regulations, the national biosafety authority can handle the processing of applications for CFTs and general release using software that will increase efficiency and accuracy in the process of record keeping for review and decisions. In FY2013 the IT Office will study the flowchart of the biosafety system then design a database structure which will manage the data in the form of text, pdf, and picture. A user interface will be designed following the template of Application Form and other standard forms. Finally, a computerized system will be developed to integrate the database, user interface, and office procedure manual. The software will improve the data accuracy, office efficiency, and stream line the GMO application procedure. After the software is developed, a training workshop will be provided. The feedback from the participants of the workshop will be used to further fine tune the database and software.

Deliverables:

- i) A software developed, adapted and installed in one target country
- ii) National biosafety authority trained in using the software.

3- Developing Global PBS Communications Training Materials

The Program for Biosafety Systems (PBS) works in Africa and Asia to inform various audiences of the science-basis for making biotechnology policy and regulatory decisions. While the current communications training has been of high quality and robust, it has mostly been applied in a few African countries. There has not been a consistent approach across the program. This statement of work is aimed at developing a global approach to communications training, and to assist a key PBS partner – Iowa State University (ISU) – keep its communications program fresh. In turn, ISU will share its award-winning science communications practices in the School of Journalism.

This work will be in collaboration with Dr. Margaret Karembu, PBS Kenya Outreach Lead and Donna Ramaeker Zahn, PBS Outreach Strategist. Therefore, Lulu Rodriguez, ISU journalism professor, and Dr. Karembu will primarily work together to develop updated training materials. Overall, the work is aimed at strengthening PBS' global capability to communicate science-based information with a variety of audiences; and towards ISU's goals of maintaining a world-class journalism curriculum.

Deliverables:

- i) Professor Rodriguez will work in collaboration with Dr. Karembu to openly share and assess existing ISU & PBS communications training materials as a basis for developing the PBS global approach and for refreshing ISU approaches.
 - a. This may include a visit to Africa by Lulu; to 1 or 2 key PBS countries. Program to be determined by Dr. Karembu and Donna Ramaeker Zahn.

Together, develop a curriculum and training materials that address ISU and PBS goals that emphasize science-based regulations. The training will enhance regulators capacity to address questions of biotech in their countries; and one that focuses on practical application of effective communication.

Program for Biosafety System

EXHIBIT 1

ISU

Period: 04/01/2013 -09/30/2013

Cost categories	Level of Effort	Unit Cost (month/day/ item)	# of Unit	USAID (90%)	ISU Match (10%)
Salaries and Wages ISU Staff					
Project Team Leader (A. Harries)		5,148	4,0	20,592	
Communication support (lulu Rodriguez)		9,268	1,5	13,902	
IT specialist (Shyy)		7,844	1,5	11,766	
Program associate (R. Hendrickson)		3,243	1.0	3,243	
Sub-Total Salaries and Wages			8.00	49,503	
Fringe Benefits					
Project Team Leader (A. Harries) /37.0%		1,904	4.00	7,616	
Communication support (lulu Rodriguez)/30.5%		2,863	1.50	4,240	
IT specialist (Shyy)/37.0%		2,902	1.50	4,353	
Program associate (R. Hendrickson) /37.0%		1,199	1.00	1,199	
Sub-Total Fringe Benefits				17,408	-
Travel					
International Travels					
Foreign Travel (6 trips to Africa, 2 trips to Asia,)		Round trip		52,000	
Domestic Travels					
National Travel Planning Meetings Team Leader				3,000	
Sub-Total Travels				55,000	
Supplies and Materials					
Supplies and Materials				955	
Communication				600	
Sub-Total Supplies and Services				1,555	
Sub-Total Others					
Total Direct Costs				123,466	
Indirect Costs	16.00%			19,755	
	12.89%				15,913
TOTALS				\$143,221	\$15,913

FUNDING SUMMARY

	Leader Award	
	USAID	Match
I Obligated amount prior to FY 2013	244,973	24,497
II. Estimated Expenses as of March 31, 2013	-244,973	24,497
III. Balance carried over (I-II)	0	0
IV. FY 2013 Budget	143,221	15,913
V. Additional Obligation Amount (IV-III)	143,221	15,913
VI. Total Obligation Amount (I+V)	\$388,194	\$40,410