



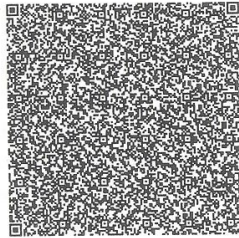
सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA13116314773191M
Certificate Issued Date : 27-Jan-2014 01:38 PM
Account Reference : NONACC (FI)/ kaksfcl08/ RAICHUR2/ KA-RC
Unique Doc. Reference : SUBIN-KAKAKSFCL0883938289733069M
Purchased by : UNIVERSITY OF AGRICULTURAL SCIENCES RAICHUR
Description of Document : Article 12 Bond
Description : M O U
Consideration Price (Rs.) : 0
(Zero)
First Party : UNIVERSITY OF AGRICULTURAL SCIENCES RAICHUR
Second Party : UNIVERSITY OF AGRICULTURAL SCIENCES BANGALORE
Stamp Duty Paid By : UNIVERSITY OF AGRICULTURAL SCIENCES RAICHUR
Stamp Duty Amount(Rs.) : 100
(One Hundred only)



Ashwini P. S.
Authorised Signatory
For Ashwini Pattina Souharda
Sahakari Niyamite Raichur.

-----Please write or type below this line-----

MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING (hereinafter referred to as "MoU") is made on the 30TH January 2014 and between
University of Agricultural Sciences, Raichur (hereinafter referred to as "The University")
And
University Of Agricultural Sciences, Bengaluru (hereinafter referred to as "Partner").

Statutory Alert.

1. The authenticity of this Stamp Certificate should be verified at "www.shcl.e-stamp.com". Any discrepancy in the details on this Certificate and as available on this website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Complaint Authority.

WHEREAS the University is an institute of repute established through an act of Legislature viz., UAS Act.10/2010 in the year 2009-10. It is known as an important link in the chain for converting agriculture and allied vocations into profitable enterprises and offering food and nutritional security for the people of Hyderabad-Karnataka region in India. As part of its R&D efforts, the University has developed an application called **e-Solutions against Agricultural Pests** (hereinafter referred to as “e-SAP”), built on a platform that opens a gateway for two-way dissemination of information in real time. The platform enables policy makers, researchers and users at the other end of the spectrum obtain agricultural field information in real time. The agricultural field data that streams-in is viewed over GIS platform. There are automatically updated graphs and tables along with decision support intelligence. The e-SAP solution would help farmers and field workers in pest identification, pest surveillance, field decision support, pest management, pest information and receiving customized advice from experts;

WHEREAS the partner in recognition of the University’s achievements in the field of Agriculture and the potential of the e-SAP solution has entered into an MoU (dated 30-01-2014) with the University for the implementation of the e-SAP solution across its jurisdiction. Therefore The Partner has approached the University for its Assistance in implementing the e-SAP solution in the districts coming under the jurisdiction of the partner.

WHEREAS the Partner agrees to co-operate with the University for the successful implementation of the e-SAP solution. With this objective, both the University and the Partner (hereinafter collectively referred to as “Parties”) are desirous of establishing a more formal relationship with each other;

This MoU sets out below, the general and broad-based intentions of both Parties for the implementation of the e-SAP solution.

1. INTRODUCTION

For the last five years the University has been spearheading the growth of Agriculture in the Hyderabad-Karnataka Region, in particular, promoting the research, training, and education in crop improvement, farm improvements and machinery, post harvest processing and value addition in Bidar, Gulbarga, Raichur, Bellary, Koppal and Yadgir districts of Karnataka.

Most recently, the University has developed an innovative system called e-SAP, which is built on a platform of hardware and software applications. Central to the platform is a handheld medium that i) provides field users with all the relevant information in their hands; ii) information can be accessed offline; iii) information is intelligently metamorphosed into a form that can be easily understood and put to use by illiterate users transcending language barriers; iv) it has substantial in-built intelligence for on-field decision support; v) it has protocols for intelligent surveys and data collection; vi) specific information on any/all devices can be updated remotely that makes real time dissemination possible; vii) there is real time expert connect to handle emergencies and unknown field situations; and, viii) all forms of data, including multimedia, can be disseminated in both directions in real time.

1. CROP CONTENT

The Parties undertake to share the complete crop content which includes images/animations/audios of whole/part of the crop, disorders expressed due to damage caused by pest/disease/nutritional deficiency, different stages of insect and non-insect pests and survey protocols of pest/disease/nutritional deficiency if any, with respect to the implementation of the e-SAP solution.

2. PACKAGE OF PRACTISES

The Parties undertake to share their Package of Practices (hereinafter referred to as “POP”), together with the Management Plans, Recommendations, and any other technical know how, that are part of the POP.

3. INTELLECTUAL PROPERTY, INVENTIONS AND INNOVATIONS

All rights in the Intellectual Property that exist in the e-SAP solution shall vest with the University and the Partner expressly acknowledges that it has no claim whatsoever with regards to any Intellectual Property in the e-SAP solution. However, intellectual property of the crop content developed by the respective parties will lie

with them. Further, no party has the right to use the borrowed crop content in any other field other than e-SAP without the prior written consent of the other party.

4. CONFIDENTIALITY

Neither of the Parties shall, at any time, disclose to any third party, any confidential information of the other Party, which is acquired pursuant to this MoU without the prior written consent of the other Party.

5. PRESENTATION TO THE PUBLIC

The Parties consent and authorize each other to identify and represent the MoU to the public in written announcements, releases, publications, advertisements, mailings on any media, or by oral presentations as may seem appropriate provided that the other Party has been duly informed of the public presentation in advance. From time to time, as and when appropriate both Parties agree to make joint press releases to keep the global community apprised of the outcomes of this MoU.

6. TERM OF MoU

This MoU shall commence on the date of its execution by the Parties and shall remain in force for a period of 03 years. Thereafter the MoU shall be deemed terminated or extended based on the mutual agreement.

7. TERMINATION

Either of the Parties may terminate this MoU by written notification, no less than six (6) months, to the other Party in writing of its desire to terminate. The provisions of the relevant Articles in this MoU, including Articles 3, 4 and 8, shall survive termination of this MoU howsoever caused.

8. DISPUTE RESOLUTION

In the event any dispute arises under or in connection with this MoU, the Parties shall attempt to settle the dispute through mutual discussion.

9. NON-BINDING NATURE OF THE MoU

Despite the statements and obligations expressed herein, this MoU is a non-binding expression of the current intentions of the Parties, and neither Party will incur nor be bound to any legal obligations or expense hereunder to the other Party until and unless definitive agreements have been negotiated, approved by the appropriate authorities of each Party and executed and delivered by authorized representatives of both Parties.

10. Force De majeure

In the event of natural calamity like fire hazard, volcanic eruption, heavy/scanty rains etc., neither party will be responsible for the damage caused.

IN WITNESS where of the parties hereto have caused this MoU to be signed on
30.01.2014

Signed for and on behalf of

In the presence of **Witness 1**

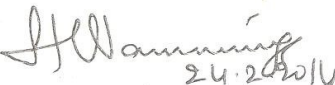
University of Agricultural Sciences, Raichur


Registrar
REGISTRAR


University of Agricultural Sciences
RAICHUR-584 102, Karnataka (India)

Signed for and on behalf of

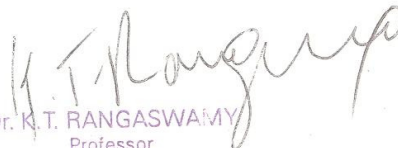
University of Agricultural Sciences, Bengaluru


24.2.2014
H(V. Nanjappa), Registrar
REGISTRAR

UNIVERSITY OF AGRICULTURAL SCIENCES
G.K.V.K. CAMPUS, BANGALORE - 560 065.


e-Pest Surveillance
Dept. of Entomology
College of Agriculture
RAICHUR-584 102.

In the presence of **Witness 2**


Dr. K.T. RANGASWAMY
Professor
Department of Plant Pathology
University of Agricultural Sciences
GKV, BANGALURU - 560 065, INDIA