

## SCOPE OF WORK

<b>Consultant Name:</b>	TBD					
<b>Project/Activity Name:</b>	USAID/Sweden FARMA II Project {Bosnia}				<b>Activity #</b>	
<b>Assignment Title:</b>	Expert for Modern Beekeeping Practices					
<b>Position Type:</b>	<b>Full Time</b>		<b>Part Time</b>		<b>STTA</b>	<b>X</b>
<b>Consultant Nationality:</b>			<b>TCN</b>		<b>CCN</b>	<b>X</b>
<b>Engaged By:</b>	Cardno Emerging Markets USA, Ltd.					
<b>Position Reports to:</b>	MAPs and Honey Expert, Deputy Chief of Party					
<b>Assignment Period:</b>	<b>Start Date:</b> March 2019			<b>End Date:</b> March 2020		
<b>Total LOE for Position:</b>	<b>Total LOE: 25</b>		<b>Onsite: 22</b>	<b>Offsite: 3</b>	<b>Travel:</b>	

### USAID/Sweden FARMA II - Description of Project

USAID and the Government of Sweden have awarded Cardno Emerging Markets USA a five-year contract for implementation of the Fostering Agricultural Markets Activity II (FARMA II) project in Bosnia & Herzegovina (BiH). The purpose of the FARMA II Project is to create agricultural and agribusiness economic opportunities for BiH farmers and entrepreneurs. FARMA II will achieve this by assisting agricultural producer organizations to adopt European Union (EU) and international agricultural and food standards and new production techniques, produce new high value products and expand their access to foreign and domestic markets.

### Background

BiH has a vast potential with large areas of pasture with an increasing necessity for pollination of cultivated and wild plants. Despite this, beekeeping industry is currently inadequately developed in BiH. Beekeeping is in most cases considered hobby or additional occupation, with majority of beekeepers coming from older population that show less interest to increase of number of hives or to professionalize. In order to improve production technology and to increase competitiveness of the sector, it is important to apply modern beekeeping technologies and to attract a younger generation into this production.

Beekeepers in BiH have the potential to significantly increase production and gain more income from beekeeping on all levels. Botanical and geographical origins of honey are of high economic importance wherever honey is appreciated from local customers. BiH incorporates diverse climatic and ecological conditions resulting in areas with marvelous nectar and pollen resources for the bees. The climate, vegetation and relatively unpolluted habitats in some parts of BiH could enable beekeepers to harvest worthwhile crops of honey. Migratory beekeeping allows exploiting part of the rich natural and cultivated vegetation throughout a whole year. There is no comparable agricultural sector that can alleviate poverty than by beekeeping. It is also crucial to rejuvenate beekeeping population in BiH and to increase the number of professional beekeepers that produce in line with modern good beekeeping practices.

### Purpose of the assignment

The purpose of this activity is to promote modern beekeeping technologies that will result in better productivity per hive, increase in number of hives and will increase the attractiveness while demonstrating the profitability to a younger generation.

In more detail, the purpose of this activity is:

- Increase competitiveness of the honey industry in BiH by increasing the production of good quality products;
- To attract younger generation of men and women to beekeeping
- To promote diversification in the production while promoting economic sustainability in beekeeping

- To promote environmentally sustainable beekeeping in compliance with the Good Beekeeping Practices in order to preserve bees and ensure safe products for the human consumption
- To help create/ maintain sustainable jobs and incomes across BH;

### **Anticipated Activities**

- Prior to trainings, produce investment estimates for beginners, with investment estimates for five years or until they can be considered professional beekeeper;
- Prepare PPT presentations on each of the above mentioned topic prior to trainings;
- Hold at least 20 trainings in different locations, throughout BiH; Trainings will be theoretical and/or practical; it is desirable to combine practical and theoretical trainings;
- Trainings (training topics) will be primarily targeting formal (producer associations, cooperatives) or informal groups of registered farmers willing to increase number of hives and/or need technical assistance to improve their beekeeping practices, but will also be open to those who are interested to start with beekeeping (focusing on women and youth); trainings will not be the same in each location and / or with each group of people. Trainings will be tailored to the needs of the group;
- Trainings will cover the following: economic value of beekeeping; development of a brood, communication and orientation, swarming; plants important for beekeeping; modern pollination technology, including training of bees; bee diseases; equipment in beekeeping; preparation of bees for winter; spring works in an apiary, autumn works in an apiary; basics of organic beekeeping; introduction to expanding the product range beyond honey; the main challenges for young beekeepers and women. All trainings should be leading to beekeepers understand the importance, advantage and profitability in beekeeping when applying modern beekeeping practices. In each of the training, difference between organic and conventional beekeeping should be emphasized.

### **Deliverables**

- Production cost estimates for beginners with investment estimate for next 5 years or until they become professional (organic and conventional) prepared prior to trainings and distributed during the trainings, as appropriate;
- PowerPoint presentations on each of the topics;
- Minimum 20 trainings on modern beekeeping practices held around the country, targeting at least 200 registered beekeepers and producer organizations; the consultant should target to deliver minimum 2 unique trainings to each registered beekeeper
- Attendance sheets, evaluation forms and photos taken during the training provided for each training;
- Final report produced, with recommendations for the future.

### **Timing and Level of Effort**

LoE 25 days, including up to 3 days for preparation of investment estimates and presentations for theoretical trainings. Trainings will begin in March 2019 and finish by March 2020.

### **Qualifications and skills**

- At least 10 years of proven practical experience in beekeeping; university degree in agriculture is an asset;
- Excellent knowledge of beekeeping industry in BiH and familiarity with world trends
- Ability to work and organize trainings throughout BiH
- Ability to organize locations for practical trainings
- Fluency in local languages
- Valid driving license and possibility to organize transportation to / from trainings

This is short term technical assistance (STTA) position for BiH Nationals.

We encourage qualifying candidates to send a Cover Letter including three References and CV of 3-pages or less via option "PRIJAVI SE NA OGLAS".

The closing date for the receipt of applications is **February 17, 2019**.  
Cardno Emerging Markets USA, Ltd is an equal opportunity employer.  
All information received will be treated with confidentiality.  
Incomplete applications will not be considered.  
**Only shortlisted candidates will be contacted.**