

 CZECH REPUBLIC DEVELOPMENT COOPERATION <i>Expert Request Form</i>	Request number: (Allocated by the Czech Development Agency)
Title: Temporary expert assignments (within the framework of transfer of Czech transitional expertise)	
Expected field of expertise: IT expert on continuation of the Animal Identification System Project implemented at the Department of Veterinary and Animal Breeding (DVAB) and National Center for Animal Gene-bank (NCAG)	
Partner country: Mongolia National centre for animal Gene-bank and Department of Veterinary and Animal Breeding under Ministry of Food and Agriculture	Region/town/locality: Ulaanbaatar DVAB and NCAG
Expected Start and End Dates: From <u> July </u> Until <u> August </u>	Total amount of days in the field: 30 days
Expected Czech ODA financial contribution (EUR):	Estimated co-financing from the partner institution (financial contribution in EUR/ in kind in detail)
Applicant / Partner Institution: <i>Name, type, mail and web address of partner institution; name and position of responsible manager/contact person, phone, fax, e-mail.</i> National Centre for Animal Genebank under Ministry of Food and Agriculture, Government Building #9, Peace Avenue16A, Ulaanbaatar 13381, Mongolia Mr. Ya. Batsukh, Director Tel: +976-51-266095 Fax: +976-51-266095 Mobile-976-99082115 E-mail y.btsukh@yahoo.com Department of Veterinary and Animal Breeding under Ministry of Food and Agriculture, government implementing agency Governmnet building #11, Sambuu street-11, Chingeltei district, Ulaanbaatar 13381, Mongolia Ya.Davgadorj, Officer in Charge of National Livestock Identification System Tel: +976-51-261642 Fax: +976-51-261635 Email: davgadorj@dvab.gov.mn	

CONTEXT AND RATIONALE

Context:

Problem analysis. Please explain current situation and why the expert is requested (what is his/her added value).

We would like to have another temporary expert due to the implementation of the animal ear-tagging in **NCAG** and animal registration task in **DVAB**.

The Parliament of Mongolia approved “Mongolian Livestock” national programme upon its resolution No. 23 dated on 20 May 2010. Under this programme Mongolia set goals to ear-tag and identify 60 percent of its animal by 2015 and 80 percent by 2020. Currently, following number of animals are registered in central National Livestock Registration System: Khuvsgul 389710, Uvs 271758, Arkhangai 220260, Bayan-Ulgii 211850, Bayankhongor 200751, Uvurkhangai 154057, Khentii 135389, Khovd 128283, Tuv 113854, Dornod 100346, Bulgan 79063, Selenge 76861, Umnugovi 74060, Zavkhan 67320, Dornogovi 61846, Darkhan-Uul 52876, Dundgovi 50278, Ulaanbaatar 41567, Sukhbaatar 32206, Orkhon 27204 and Govisumber 15765. Compared to that of targeted number, actual amount of registered animal is much lower (only 0.05%) than its plan (60%), as we can see from above numbers.

Also, Mongolia introduced its own “**National Livestock Identification System and Database**” within the scope of the “Mongolian Livestock” programme in 2011 that developed by the Interactive LLC. The State gave high priority for this program and invested 8 billion tugrugs. This software is operational now and handled by the **DVAB**, being used for the purpose of nationwide animal identification system.

In the meantime, a Czech development cooperation project “Livestock Identification system in Mongolia” CzDA-MN-2010-1-31195 was implemented in the NCAG. Under the project, Mongolian company JTIS LLC successfully developed software “**Unicollector**”- simple and reliable system for identification of livestock. It is now being operated at the **Genebank** and still operational for identification and record of effectivities of pedigree, pure breed animals and dairy cattle at certain level.

Now, there is a burning need to connect modules of these two software and its databases and optimize and update Unicollector’s operations in line with the national system, which will lead to mutual fruitful cooperation between these two state institutions.

With the expert’s help, we would like to broaden the outcome of the previous projects by determining the possible ways to make two independent softwares operationally compatible with each other so that officers of both institutions can refer into each other’s information and data.

Expected outputs and outcomes:

Please, explain, what is expected from the expert in detail (elaboration of analysis, seminar, forum, etc.) and when and how those outcomes will be used.

- Practical IT trainings on software development modifications on ear-tag laser machine LaserDiod (change of digit or code in accord with the ISO code)
- Review of the existing two independent systems, comparison of the purpose, current use, modules, operations, technical capacity and whether these two can be complimentary to each other in field of animal identification;
- Assessment of needs of the both software on further development and optimization on basis of user’s preference;
- Evaluation of necessary preparatory works for Unicollector’s upgrade and its nationwide use;
- Assessment of need and possible options for connecting these two separate software and creation of nationwide optimized system which can be used for cross-referencing

between DVAB and NCAG;

Role of the applicant/partner organisation and roles of other key partners:

Please describe briefly the roles and responsibilities of key project stakeholders and their relation towards the expert (towards his/her work).

The NCAG is a government body under the Ministry of Food and Agriculture and is responsible for the breeding of pedigree and core breeds, preservation of their genetic materials and improvement of the composition of the livestock herds upon consideration of high effectiveness, and it has special license for the import of veterinary bio substance and medicines.

For the time being, the Genebank is considered as only authorized organization, entitled to import and production of insemination doses and is equipped with the laser machine to print bar code in the animal ear tag.

The NCAG is considered to be a main partner of requested expert assignment programme and will be responsible for ensuring sustainable results and outputs of this programme and its further development goal.

Where DVAB is co-implementer who will share its expertise, experience and all possible information about the current National Identification System, in terms technical features, actual use, future vision, preference, database, server and cross connection with the Unicollector.

Complementarity:

Analysis of other relevant development interventions executed by the government (or) in co-operation with other donors, complementarity of the requested intervention with activities carried out so far.

Interested stakeholders / partners:

Ministry of Food and Agriculture and namely NCAG and DAVB will be main partners of this programme and these two institutions are requesting expert assignment.

Date and Signature:

Place, date, name of authorised person within applicant institution and his/her signature, stamp.

Ulaanbaatar, 13 May 2016

National Centre for Animal Genebank, Ministry of food and agriculture
Director Ya. Batsukh



Ya Batsukh

Department of veterinary and animal breeding, Government Implementation Agency
Director B. Battengel



B. Battengel