

**SEE- Award (name "Herman Potočnik – Noordung Award" proposed by MHEST) for  
 Research Infrastructure Donations within the Framework of RTDI Collaboration  
 with West Balkan Countries**

**Research Infrastructure needs  
 - Application form for Scientific & Research Institutions from West Balkan Countries**

<b>Section A – General information</b>	
<b>A.1 Contact details</b>	
Name of applicant/(institution) Agricultural University of Tirana	
Legal status / Type of organisation: Public Institution	
Address (Street name, ZIP code, town): Koder-Kamez, Tirane	
Telephone no.:	00355 4 200873/874. 00355 4 353873/874
Fax no.:	00355 4 200873/874
e-mail:	bizenabijo@yahoo.it
web address/url:	www.ubt.edu.al
represented by (name of person <u>legally responsible</u> ) Velesin PEÇULI	
Name of the contact person Bizena BIJO	
Address (if different from address stated above) Koder, Kamez, Tirane; Ruga" Myslym Shyrrri", 130/1, ap 15, Tirane	
Telephone no.:	00355 4 223357
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web address/url:	www.ubt.edu.al
<b>A.2 Applicant (Institution) profile (half page A4)</b>	
<p>Agricultural University of Tirana is the unique centre of university education in the area of agriculture, in Albania. It is also actually the greatest centre for the research in the field of agriculture and food. Part of this university are five faculties: Faculty of Agriculture and environment, Faculty of Biotechnology and Food, Faculty of Economy and Agribusiness, Faculty of Forestry and Faculty of Veterinary Medicine.</p> <p>The Faculty of Veterinary Medicine is one of the oldest faculties in this university. This is also the only faculty in Albania as well as in all Albanian speaking area. This Faculty has serious problems related to the quality of teaching and research since it is clear that the maintained of it is very expensive. So our intention is to give a push to this faculty in order to improve seriously teaching and the scientific research according to the Directive 78/1027.</p> <p>This objective correspond very well with the duties that this faculty intend to carry out in level of university and as well as in the country level..</p> <p>Based on this role of the faculty we are thinking to set up a centre of veterinary research and diagnosis as well as for animal food control.</p> <p>It was thought that this centre will have some sections which will be :</p> <ol style="list-style-type: none"> <li>1. Sec. of Bacterology</li> </ol>	

2. Sec. Hematology -Biochemistry
3. Sec. Food Safety
4. Sec, Histology-Pathology

**Section B – Description of the research infrastructure requirements/needs**

**B.1 Please list your research infrastructure requirements – the most urgent equipment you would need.**

1. Delta Milk analysers( Fat, protein, added water, somatic cell)
2. Interline analyzer( cheese, butter, meat products, oil)
3. Snap Rapid antibiotic test ( for the detection of antibiotics)
4. Rapid microbiology test ( TBC, Coli, etc)
5. Moisture meters
6. Drying Owens
7. MVP Lightning( ALP based hygiene control)
8. Fluorophos ALP( confirming pasteurization)
9. CO2 Laboratory Incubator, single chamber: +5 to +80° C. capacity 70 – 80 liter ( 0-20% CO2 )
10. Autoclave-Pratair. Capacity 24 litra(exterior 560 x 535 x 370 mm).Temp. 100 - 138° ( 0-2.5 bar ), Control system
11. Cryostat compact Leica CM 1100; Temp. -30°  
Dimesion. 570 x 380 x 777 mm, Course vertical 46 mm; graduation: 0-20µm; portable.
12. Incubator bacteriologic(+5 - +80°C ), temperature homogeny 37°C, < ± 0.5° C
13. Agitator vibrant type Vortex, Heidolph; Amplitude des vibration 5mm, 0 to 2500 tr/min, for tube Ø 20 mm
14. Generator . Capacity 100 Kw/hour
15. Fume coapboard
16. Trychinineloscop with projection
17. Bacterial sampler
18. Hematologic Autoanalyzer

**B.2 Describe the relevance of the requested research infrastructure for the work of your institution and the potential impact of receiving the items listed above (B.1).**

The Faculty of Veterinary Medicine, can faced better its responsibility in research and teaching, profiting by these research infrastructure.

It is foreseen that the faculty will be more present in different research projects as well as, will take a great responsibility on tutoration of doctorate thesis.

**B.3 Please indicate the potential users of the requested equipment.**

The potentials users of the requested equipments are the academic staff, the technical staff and for a part, the students that will be engaged in the research work with their professors of the Faculty of Veterinary Medicine. Also these equipments will be used by the doctorate students which can realize their thesis only in the Faculty of Veterinary Medicine.

**B.4 Please describe the training needs of your institution related to the requested equipment**

Some of these equipments are being in use before from the academic staff taking in consideration that most of them are specialized abroad in the western European countries.

**B.5 Please indicate if there is assistance needed with regard to the transportation and maintenance related to the requested equipment.**

In Albania there are some companies that can do transportation. But here is not still a real expertise for all of the requested equipments.

**B.6 Additional Comments**

Please fill in and return the form by email to the contact person in your country (see appendix 1)

Place, date: **21.10.2007**

Signature and Stamp of applicant

\_\_\_\_\_ Rector( Prof. Dr. Velesin PEÇULI)\_\_\_\_\_