

PROJECT PROPOSAL № 7

Project name	WHOLE INNOVATION FOR THE BIO INDUSTRIAL COMPLEX
Project background	<ul style="list-style-type: none"> ~ Husbandry is one of virtually important economic sources for Mongolia. The Bio industrial complex is the first biotechnological industry in Mongolia and is only one bio industrial complex. ~ Established in 1923, it is a state-owned industry, which plays very important roles for treating, diagnosing livestock and pits diseases, preventing them from infectious and non-infectious diseases, and producing all kinds of drugs and sterilization preparations. ~ In 1973 an innovation was made within the financial assistance of Hungary but since this time there was not made any big innovations for building, equipment, and technology.
Project objective	<ul style="list-style-type: none"> ~ Therefore it is purposed that building, equipment, and production technology have to be innovated completely and also professional skills and proficiency knowledge of experts and workers have to be improved. Thereafter quality of bio preparations, which are produced by traditional technology, will be met an international standard and also there will be an opportunity to produce new brand products. ~ If the innovation for the bio industrial complex is successfully completed, we have full possibility to prevent livestock, animals and pits from many infectious diseases, which are caused by bacteria, virus, micoplama and fungi, successfully diagnose infectious diseases and treat those kinds of diseases efficiently.
Activities to be purposed within the project scope	<ul style="list-style-type: none"> ~ It resides in making the innovation of the bio industrial complex, which will be innovated with the technology for traditionally produced veterinary-purposed bio preparations such as vaccines, diagnostics, anti-serums, and produce new brand products and bio preparations.
Project sufficiency	<ul style="list-style-type: none"> ~ The bio industrial complex building will be renewed in accordance with GMP and GLP rule and regulation, which are required for the modern bio technology premises and buildings. ~ Old and accumulated equipment will be replaced by modern updated equipment and technique with high capacity and automatically controlling system. ~ Old technology being used in the operation will be renewed or new technology will be introduced. ~ Experts to be charged for managing and supervising the production operation will be studied and they are required to obtain experience in the field.
Responsibilities of Mongolian part	<ul style="list-style-type: none"> ~ Efficiently successful innovation for the bio industrial complex will contribute toward improving vaccines, diagnostics, and anti-serums meeting the international standard. ~ It will provide full opportunity to produce new brand products and preparations purposed to parasites and non-infectious diseases. ~ Improvement of the products and multi-chosen products quantity will increase profits of the bio industrial complex. <p>Following activities have to be planned and implemented in order to complete the project successfully and sufficiently within the prescribed time:</p> <ul style="list-style-type: none"> - to complete the preparation works such as study related to the project - In accordance with the Constitution of Mongolia, Mongolian Genetic Funds Law and Health Protection Law, and other regulations, to continuously implement the current policy, within which the government buys veterinary drugs based on orders placed by subscribers, customers and also policies of the Ministry of Foods and Agriculture and State Specialized Authority. - To exempt tax payables to be imposed for importing equipment and technique - To be fully responsible for stable and non-interrupted infrastructure supply of the bio industrial complex.
Total project cost	<ul style="list-style-type: none"> - 3.5 million USD- innovation for old industrial buildings - 3.0 million USD – buying required technique and equipment - 2.0 million USD – making technology innovation and introducing new technology - 0.9 million USD – studying and practicing experts and employing them
9.4 mln USD	