

Creation of hi-tech ecologically pure production on phosphogypsum processing

A. Project Opportunity Description:	
A1. Project Name:	Creation of hi-tech ecologically pure production on phosphogypsum processing
a. Short name:	Creation of hi-tech ecologically pure production on phosphogypsum processing
b. Full name:	Creation of hi-tech ecologically pure production on phosphogypsum processing
c. Summary description:	The objective of the project is to create modern production of gypsum binder of fine grinding of the brand G7-G13.
A2. Progress Status:	The project is on the pre-investment stage, marketing research has been done for business-plan development. For project realization foreign investor is required.
A3. Organizations involved and their roles:	State Establishment Administration of FEZ «Gomel-Raton»: 17, Fedyuninskogo Str., Gomel, 246061, Republic of Belarus. Ludmila P.Bubeshko, Investment and Economic Activity Dpt., tel./fax: (+375-232) 68-24-61, 68-27-21, e-mail: oved@gomelraton.com
A4. Project Description:	Investment project supposes creation of a legal person and of the production on wastes processing of Gomel Chemical Plant. At present the technologies on phosphogypsum processing are studied on the example of wastes processing in the process of mineral fertilizers production in Germany and the Netherlands. Investment project business-plan development has begun taking into account the organization of production of gypsum binder of the brand G7-G13. The possibility of the production of the critical construction materials is being studied, gypsum foam concrete and dry construction mixtures, porous gypsum wall materials, gypsum board sheets, gypsum fibrous plates, sound absorbing plates etc. included. The project cost and financial resources will be defined taking into account the range of the products.
A4a. Project cost (mln USD):	30.0
A5. Background / history / overall programme / related or similar projects:	The volumes of the wastes available permit to create a large-scale production on construction materials manufacture. Gomel Chemical Plant tested the technologies of manufacture of the pressed phosphogypsum for construction purposes, of fodder phosphogypsum, of fodder complex additives and of organic and mineral fertilizers. In recent years a new direction has appeared in the construction, namely, deposition which means different production wastes introduction into the structure of construction materials which permits not only to improve the quality and strength of construction materials but also to improve environment. The project realization will permit to practically refuse from the natural gypsum stone import. The range of the scheduled construction materials will permit to substantially increase the gypsum products list and to offer the delivery of high quality not expensive construction and decorative materials to the CIS-countries and Russian markets. The project is both export oriented and import substituting.
A6. Environmental impact summary:	The present investment project realization will permit to substantially improve the ecological situation in the vicinity of Gomel Chemical Plant and to recultivate the land.
A7. Possible obstacles/ problems/ risk assessment:	The project realization in the Free Economic Zone will permit to decrease the degree of risk to its minimum.
A8. Term of realization / term of recoupment (years):	2 / 6
A9. Project's branch:	Construction materials production
B. Capital Cost Items (additional requirements for project):	

B1. Project physical components		B2. Capital cost (mln USD)
Designing, construction, production organization:		10.0
Technological equipment purchase (Germany, Austria):		20.0
Net current capital formation:		0.5
Total:		30.0
C. Capital Resources Available from Sponsors/ Proposers:		
C1. Resources 'in kind', grants, investments, equity / ownership, etc.		C2. Amount (mln USD)
D. Required Financial Assistance:		
D1. Financing gaps, type of financial assistance required:		
Creation of joint venture, share holding.		
D2. Sources of finance	D3. Type of investment	D4. Amount (mln USD)
Foreign investment funds:	Direct foreign investments:	30.0
D5. Financial/ International Institution Name:		
E. Demand (users) and revenues:		
E1. Type of users/ markets, volumes, pricing, revenues, quantifiable benefits/ savings:		
Main consumers are enterprises of the construction complex of the Republic of Belarus, of the CIS-countries and Russian Federation.		
E2. Revenues (Sales)		E3. Amount (mln USD)
F. Operating and Maintenance Costs:		
F1. Cost components, strategies for cost recovery, operating organisations, subsidies, etc.:		
F2. Cost Item		F3. Amount (mln USD)
G. Net Income Value:		
G1. Net Income Value		G2. Amount (mln USD)
H. Project information source:		
H1. This form was completed by:		
Ludmila P. Bubeshko, Investment and Economic Activity Dpt., FEZ «Gomel-Raton» Administration.		
H2. Organisation (address):		
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H4. Date:		
March, 2007		
H5. Supreme Organization:		
FEZ «Gomel-Raton» Administration		