

Modernization of production capacities of OJSC “Gomel Foundry “Centrolit” corresponding to the plan of modernization for 2011-2015

A. Project opportunity description

A1. Project name:

Modernization of production capacities of OJSC “Gomel Foundry “Centrolit” corresponding to the plan of modernization for 2011-2015

A1a. Short name:

1. Modernization of melting furnace of cupola type Q=5 tons/ h
2. Change of outdated technologies, efficiency increase, quality by means of mixer installation of intensive hashing with two whirling heads Q=60tons/h
3. Installation of experimental shortblast cells of load capacity up to 500kg in the small founding shop
4. Change of the boilers DKVR10/13 on two water-heating pyrolized boilers according to the tender of mark KV-P-0,3-95
5. Purchase and installation of two steam generator in the shop №18
6. Installation of thermal furnace SDO
7. Equipment purchase for cleaning of foundry (with spill canals)
8. Introduction of screw compressor system of efficiency 26 m³/min
9. Implementation of automatic check system of physical-mechanical properties of mixture on the mixer of intensive hashing of small founding shop
10. Equipment for conduction of outside furnace processing of cast iron melt
11. Installation of core marker produced BELNIILIT on 30-50 l on Gold-box-amin process
12. Change of outdated column base CNC of miller GF 2171 –C5 on new control system of computer

A2. Project status:

Price offers are considered.

A3. Organization involved and their roles:

SAR “ORDOL-GLASS”, “Zorka-Gandlu” Ltd., OJSC “Universal Equipment” OJSC “BELNIILIT”

A4. Project description:

A4a. Project cost:

1,2321 million \$.

A5. Background /history/overall programe/related or similar projects:

A6. Environmental impact summary:

According MPC emissions.

A7. Possible obstacles/problems/risk degree:

They are missed.

A8. Time period for project implementation and pay-back period (years):

2011-2015/recoupment up to 7,1 years

A9. Project branch:

Metallurgical production and production of metal complete product.

B. Capital cost Items

B1. Project physical component:	B2. Capital cost USD million

B3. Sub-project by location	B4. Capital cost USD million
	1,2321

C. Capital Resources Available (owner, associates, sponsors etc.)

C1. Resources, grants, investments, equipments, equity/ownership etc.	C2. Sum, USD million
Own funds	0,7348

D. Required Investment, Deficient Funds

D1 Necessary Financing, Required Type of Financial Participation:

D2 Source of finance	D3. Type of Investment	D4. Amount USD million
Innovative Fund	No	0,4973

E. Demand (Users) and Revenues

E1. Type of Users, Volumes, Pricing, Revenues, Estimated Profit/Savings
Own needs

E2. Financing Sources	E3. Revenues (Sales)
Own funds	0,7348

F. Transaction and Operating Costs

F1. Costs Components, Capital Allowance Policy, Industrial Engineering etc.	
F2. Cost item:	F3. Amount

G. Net Income Value

G1. Net Income Value:	G2. Amount

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H. Project Information Source:

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H4. Date:
H5. Supreme organization: Ministry of Industry of the Republic of Belarus