

The Electronic Crystal Production Project with Annual Output of 1000 Tons

I. Background of the project

i. Market analysis

Electronic-grade single crystal (crystal pulling) is the most upstream core basic material of integrated circuit industry. The insufficient production capacity of domestic silicon wafer restricts the development of the semiconductor industry, so the market prospect of this project is broad.

ii. The advantages of Xining:

Industrial advantage: as one of the leading industries in Dongchuan Industrial Park, silicon photovoltaic industry has formed a relatively complete industrial chain after more than ten years of development. As the only electronic polysilicon manufacturer in China, Yellow River Hydropower New Energy's electronic polysilicon provides a good industrial foundation and raw materials for the development of the project.

Location advantage: with a planning area of 12.79 square kilometers, the park has a vertical and horizontal road network, convenient transportation and obvious location advantage. It is a professional park of Xining Economic and Technological Development Zone focusing on the development of silicon photovoltaic industry and new material industry.

II. The supply of major raw materials

The major raw material is electronic grade polysilicon, and the annual output of Yellow River Hydropower New Energy in the park is 3000 tons, which can provide sufficient raw materials for the project.

III. Content and Scale of Project Construction

The project is planned to build an production line and ancillary facilities

of electronic-grade crystal pulling products with an annual output of 1000 tons.

IV. Construction conditions

The park has complete infrastructure. There are one 330kV substation and two 110kV substations, with a daily sewage treatment capacity of 305000 tons and an annual gas supply capacity of 600 million cubic meters, which can fully meet the production and living needs of investors.

V. Current project progress

The project is carrying out preliminary investigation and business negotiation.

VI. Investment estimate and economic benefit

The total investment of the project is planned to be 300 million yuan, and the output value is expected to be 4 billion yuan. The project cooperation adopts investment cooperation, joint venture, cooperative development ,etc.

VII. Preferential policies

The project enjoys the China's Western Development Preferential Policy, Xining Economic and Technological Development Zone investment preferential policies and the provincial government on strengthening investment related preferential policies.

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