

12 Inch Silicon Wafer Production Project with Annual Output of 1.8 Million Integrated Circuits

I. Background of the project

i. Market analysis

Electronic grade single crystal (pull crystal) is the most upstream core substrate in the IC industry. At present, the lack of production capacity of domestic semiconductor silicon wafer seriously restricts the development of China's semiconductor industry, and the implementation of this project has a broad market prospect, so it is necessary to implement this project.

ii. Advantages of Xining

Industrial Advantage: as the one of the leading industry in Dongchuan Industrial Park, silicon photovoltaic industry , after more than 10 years of development, has now formed a relatively complete industrial chain, including the Yellow River hydropower new energy electronic grade polysilicon as the only electronics level polysilicon manufacturer, providing a good industrial base and raw material supply.

Location advantage: Dongchuan Industrial Park of Xining Economic and Technological Development Zone is located in the east of Xining City, which is the east gate of Xining City to connect with Haidong City. It is 4 kilometers away from the railway station and freight station, 15 kilometers away from Xining Airport, and 8 kilometers away from the urban center, with convenient transportation and obvious location advantage.

II. Supply of major raw materials

The major raw material is electronic-grade polysilicon. The annual output of electronic-grade crystal drawing of Yellow River Hydropower New Energy in the park is 3,000 tons, which provides sufficient raw materials for the project.

III. Content and scale of project construction

Construction of integrated circuit production line with annual output of 1.8 million 12-inch wafers and ancillary facilities.

IV. Construction conditions

Basis supporting facilities in the park is complete. There is one 330 kv substation and two 110 kv substations, the sewage treatment capacity is 30, 50000 tons, the gas supply capacity is 600 million cubic, which is fully able to meet the needs of investors production and living. The park is an important advantage resources processing base within the scope of the Qinghai-Tibet plateau. It has great investment value and potential.

V. Progress of the project at the present stage

The project is attracting investment.

VI. Estimated Investment and Economic Benefit

The total planned investment of the project is RMB 200 million, and the estimated output value is RMB 1 billion. The project cooperation will take various forms such as investment cooperation, joint venture and cooperative development.

VII. Preferential policies

The project enjoys the preferential policies for the development of the western region, the preferential policies for attracting investment of Xining economic and technological development zone and the preferential policies related to strengthening the work of attracting investment of the provincial government.

Contacts: Zhang Ping, Management Committee of Dongchuan Industrial
Park of Xining (National Level) Economic and Technological
Development Zone

Tel: +86-971-8817555

Email: 170434775@qq.com