

Suzhou Project Information for Foreign Experts (2018)

Name of the Organization	Suzhou Purification Equipment CO.LTD.	Nature of the organization	Shareholding system
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Brief Introduction of the Organization	<p>1997, Suzhou Purification Equipment CO.LTD.(SPE+ICE) was established in Suzhou New District. It is a high-technology enterprise that provides the overall solution for water purification and space cleaning system. From bottled water, infusion water, Jing wafer-ultrapure waterto the municipal drinking water, reclaimed water system, seawater desalination system, from Industrial clean room and air conditioning workshop to commercial ventilating and air Conditioning HVAC, provide users with consulting, designing, non-standard equipment manufacturing, international procurement, construction installation, commissioning, training, operation the whole process of technical services. SPE+ICE is committed to leading the purification technology to provide customers with efficient, health and environmental protection of water and air purification solutions.</p> <p>SPE+ICE has always been developing with the guidance of technological progress. Research and development through increased investment, and gradually built a water quality analysis laboratory, Membrane filtration Municipal Engineering Technology Research Center, National post doctoral research station, Graduate workstation, Foreign experts continue to apply for the laboratory.And SPE+ICE is authorized to have 12 patents, 14 utility model patents, these patents involving health water, membrane technology, CIP online cleaning, anti mixing, ozone addition, space cleanlinessetc. Aims to make the water treatment system meet the hygienic standard. It is widely used in the various processes of products produced by the company, and is currently the sole one water supply listed company in China.</p>		
Name of the Project	Technology research and application of deep well water intake device		
Industry	Water Treatment		

<p>Introduction of the Project</p>	<p>1. Current situation, level and trend of development at home and abroad; With the living conditions improving, the demand for drinking water is becoming more and more strictstringent. Deterioration of water environment leads to conventional water treatment can not completely remove harmful ingredients in water or retain trace elements needed for human body, which seriously affects people's health. The backward processing technology has become the main obstacle for the drinking water to reach the 106 items of the new national standard. Deep well water, due to its geographical location, has a large amount of mineral elements beneficial to the human body and is rarely polluted. After treatment, the deep well water is safe and sanitary, especially suitable for the production of packaged drinking water and aseptic water for medical and food. But the deep well water which has been polluted by a large number of bacteria has hurtted harm to the human body. So, deep well water should be safely, hygienic, and controlling bacteria from its removal to transportation. But the existing technology is difficult to achieve both safe, sanitary and pollution-free extraction of deep well water. Therefore, it is a technical difficulty to design a deep well water intake device which can effectively extract deep wells from the earth's crust and ensure that the deep well water is not polluted.</p> <p>2. Purpose and significance of the project development; The R & D (reach and development) of the project is dedicated to every process and equipment in deep well water intake system, which is in line with the requirements of sanitation, control and cleaning. Deep well water is effectively removed from the earth's crust, achieving safety, sanitation, pollution free and sustainable water quality control. To relieve the pressure of the earth's water resources and provide people with safe and healthy drinking water. At the same time, it plays an important role in achieving technological breakthrough and improving the overall competitiveness and level of the industry.</p> <p>3. Technical level and market prospect of the project The application of this system will change the conservative mode of the existing drinking water technology, and effectively reduce the phenomenon of water wasting caused by water pollution. Therefore, the device has strong economic and social benefits and has strong market competitiveness.</p>
<p>Cooperation Conditions</p>	
<p>Note</p>	