中国水利电力对外公司
CHINA INTERNATIONAL WATER & ELECTRIC CORP.
APC Plant Optimization and Production Expansion Projects Phase Two Solar Ponds
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TO WHOM IT MAY CONCERN

APC Plant Optimization and Production Expansion Projects –Solar Ponds

Tender No. APC/110/SP/2005

Sub-Con tractor **TECO-Jundi Contracting Co.**

Executed **SCOPE OF WORKS**

A. Integrated automation control with electronic safety and security system for all the stations.

- Design, supply & install a wireless communication network covering the overall ponds area.
- Design, supply & install a SCADA system covering existing & new pumping stations, existing & new harvesters.
- Design, supply & install of wireless video surveillance system covering existing &new pumping stations & new harvesters.
- Installation of all control instrumentation purchased by the Employer.
- Testing & commissioning of the above systems.

B. 33 KV Overhead line

- Survey, design, supply & installation of 33KV Overhead distribution line as per drawings & specifications.
- Survey & dismantle the existing overhead line on dikes 4 & 8 between stations S1 & area B as per drawings & specification.
- Network short Circuit & Protection Study.

C. Electrical Supply and/or installation works.

- Work site survey & investigation.
- Install, test & commissioning of MV-Electro Centers, VFD Drives & Power Transformers.
- Supply and install the electrical equipment supplied by the Subcontractor.
- Engineering, supply, installation & Testing of 33KV, 11KV & Low Voltage Power Cables.
- Engineering, design testing & commissioning of the above systems & works.

Zhang Yixin
Project Manager
CWE

China International Water & Electric Corp.