

Project Title	Consulting Services to Support the Bidding Process and Contract Implementation of Ho Chi Minh City Power Corporation SCADA/DMS System
Contracting Agency	Ho Chi Minh City Power Corporation (EVNHCMC) with funding from a credit from the Clean Technology Fund through the World Bank for the Distribution Efficiency Project
Project Organization	Prime Contractor: Savu C. Savulescu from Energy Consulting International, Inc. as an Independent Consultant, with full responsibility for all the technical and project management aspects of the consulting activities
Summary	<ul style="list-style-type: none">▪ Review and comment on the existing SCADA facilities and the goals and objectives of the project▪ Inspecting and commenting on bidding documents; meeting in HCMC with HCMPC to discuss bidding document▪ Inspecting and commenting on bidding documents after completion▪ Examining and commenting on bid evaluation report▪ Meeting in HCMC with HCMPC after bid evaluation report completion; examining and commenting on bid evaluation report after completion; examining and commenting on the draft contract; examining and commenting on the draft contract after completion▪ Inspecting and commenting on the acceptance documents and test results
Background	The currently SCADA system located at Ho Chi Minh City Load Dispatch Center was built in two stages. In the first stage, the project was purchased by Electricity Company 2 (today called Southern Power Corporation - EVN SPC). The project was handed over to Ho Chi Minh City Power Company (today called Ho Chi Minh City Power Corporation - EVN HCMC) for management. In the second stage, with scale size of 16 new substations and expand scale size of signal for 21 existing substations, the installation has been expanded with the ability to operate the power grid in Ho Chi Minh City of EVNHCMC. Meanwhile, its components - functions, equipment, software which are the most important part of a SCADA system is being used to monitor and control the electricity distribution network of Ho Chi Minh City in a long period (from 1998) become obsolete and require full system replacement
Objectives	The key objective of the current SCADA/DMS project is to upgrade / replace the outdated hardware including database servers, application servers, peripheral devices as well as the software such as SCADA, historical data storage and processing, simulation programs, and so on. In Addition, the new system will incorporate a broad range of DMS applications as well as an Outage Management System (OMS) and aim at reducing technical losses, avoiding overloads, improving the reliability and quality of electricity supply

and other aspects of the service provided to customers, and postpones the investment in new assets. Furthermore, a fully operational interface to EVNHCMC's existing GIS will also be incorporated in the new SCADA/DMS

Scope of Work

- Task 1-1: Review and comment on the existing SCADA facilities and the goals and objectives of the project
- Task 1-2: Inspecting and commenting on bidding documents
- Task 1-3: Meeting in HCMC with HCMPC to discuss bidding document
- Task 1-4: Inspecting and commenting on bidding documents after completion
- Task 2-1: Examining and commenting on bid evaluation report
- Task 2-2: Meeting in HCMC with HCMPC after bid evaluation report completion
- Task 2-3: Examining and commenting on bid evaluation report after completion
- Task 3-1: Examining and commenting on the draft contract
- Task 3-2: Examining and commenting on the draft contract after completion
- Task 4-1: Inspecting and commenting on the acceptance documents, test results
- Task 4-2: SAT meeting in HCMC

Period of Performance

December 2013 – December 2016