

Dewa signs deals for Dh1b of new capacity

- Published: 00:00 March 10, 2011

Dubai: The Dubai Electricity and Water Authority (Dewa) has signed five contracts totalling just under Dh1 billion to carry out infrastructure and engineering work on its new power and water projects.

The contracts come in a bid to improve the existing infrastructure and boost the efficiency of grids to support the predicted 6 to 7 per cent increase in demand expected over the next year.

"We intend to expand the capacity of water transmission networks to meet the rising demand for water all over the Emirate of Dubai," said Saeed Mohammad Al Tayer, managing director and CEO of Dewa.

The first contract with Pratibha Industries includes the construction of Al Ghafat Reservoirs Phases one and two with a capacity of 120 million imperial gallons (Mig). The contract is valued at Dh284.45 million.

The second contract was signed with Apina of Spain to set up and construct an inlet air-chilling facility for gas turbines at their substation in Jebel Ali. After completion of this project, Dewa will generate additional power of approximate 108 MW during peak time in the summer season. The contract is valued at Dh127.71 million.

Cable-laying works

The third contract with Emirates Electrical Engineering LLC. includes 132-KV cable-laying works along a total length of 230km at a cost of Dh99.56 million.

The fourth and fifth contracts with Siemens cover the supply, installation, testing and commissioning of five series reactor stations at generating stations and of SCADA/EMS/DTS system for transmission control centres. These two contracts are valued at Dh371.33 million and Dh96.75 million respectively.

New reservoirs

The Al Ghafat reservoirs upon completion will add 120 million gallons of desalinated water to its water reserve and increase storage capacity by up to 669 million gallons compared with current capacity which is 549 million gallons. The expected completion date of phase one and two is 2012.

Dewa recently announced that it has allocated Dh6.42 billion to complete current projects and start new ones "as part of its strategy to enhance the productivity of its network and plants", Al Tayer said.

Dewa also announced its plans to install, test and commission two substations with a capacity of 400/132 KV at Barsha and Jebel Ali Horse Race serving the Barsha area and Nad al Sheba with a total cost of Dh764 million.