

INTERNATIONAL CH2M HILL, consulting partner win \$124 million Singapore contract

CH2M HILL Singapore and PWD Consultants have been contracted to design and manage construction of the Changi Wastewater Treatment Plant, which will support high-quality-of-life standards in the Republic of Singapore for generations to come.

The contract is valued at \$123,888,888 (U.S.) and is the first phase of Singapore's Deep Tunnel Sewage System, one of the world's largest underground wastewater projects.

CH2M HILL brings its expertise in wastewater treatment technology to the project, and PWD has a solid background in Singapore infrastructure development. When the initial phase is completed in 2007,

capacity will reach 800,000 cubic meters per day.

The deep tunnel project's major elements are two deep tunnel systems and two wastewater treatment plants that will eventually replace six existing sewage treatment facilities.

Services for the contract, which has a Feb. 22 start date, include:

- Detailed design and tendering
- Design support during construction
- Services during construction, including contract administration, engineering, quality assurance/quality control inspection, and finalization of contracts

- Services during commissioning, including coordination of plant equipment check-out and start-up, and process optimization
- Services during defects liability period, including provision of technical assistance and coordination with contractors and equipment manufacturers on services and repairs

Project director: Dave Evans/
CHIL/SNG

Design manager: Gary Guyll/
SNG

Evans and Guyll are backed up by a team of Singaporean and U.S. staff led by Rick Smith/CVO. ♦