



**INVITATION TO TENDER
TENDER NO. T02799270
Metropolitan Dam Electrical Condition Assessment**

The Sydney Catchment Authority (SCA) Metropolitan Dams were constructed between 1903 and 1941 comprising the following:

- Avon Dam
- Cataract Dam
- Cordeaux Dam
- Nepean Dam and Tunnel
- Woronora Dam.

The SCA Metropolitan Dams supply bulk water to Sydney, Macarthur, Illawarra regions and Wollondilly Shire. Woronora Dam supplies water to the Sutherland Shire.

The dams have various Electrical, Electronic, Instrumentation and Control Assets that are used for operational purposes. The SCA maintains a register of assets in its computerised maintenance management system, Maximo.

The SCA seeks the services of a Contractor to carry out a condition assessment audit for the Electrical, Electronic, Instrumentation and Control Assets associated with the Metropolitan Dams (Avon, Cataract, Cordeaux, Nepean and Tunnel and Woronora Dams). The outcomes of this audit are to be documented in a report to be submitted to the SCA. This report shall be used to identify future CAPEX and OPEX projects to improve the reliability of the Metropolitan dams.

The work is in two (2) portions.

Portion 1 (works to be completed prior to June 2010)

Update and submit to the SCA the supplied Asset Register of all electrical assets in the Metropolitan Dams.

Portion 2 (works to be completed prior to September 2010)

Make an assessment and submit to the SCA the condition rating and likely remaining life of all the electrical assets.

Provide advice on the compliance of the assets with all relevant electrical standards and regulations.

Advise options for recommended upgrade works, including estimated costs for refurbishment or replacement.

Submit technical specifications for upgrade works with marked up drawings that can be included into a site works contract.

A **mandatory** tender briefing will be held on Wednesday 21st APRIL 2010 commencing at 10.00AM at Sydney Catchment Authority office, Nepean dam, off Avon Dam Road, Bargo NSW to discuss aspects of this Invitation to Tender including an explanation of the Works required and questions from the floor will be answered. Prospective Tenderers must attend this briefing to be eligible to submit a Tender.