

*Oggetto: Banca Mondiale. Gara internazionale per lo studio di fattibilità Red Sea Dead Sea conveyance. (SCADENZA 13 APRILE 2009)*

Le Università e gli Enti di Ricerca che intendano manifestare alla Banca Mondiale la propria espressione di interesse sono invitati a darne comunicazione a [luciano.lucchetti@miur.it](mailto:luciano.lucchetti@miur.it).

## Red Sea – Dead Sea Water Conveyance Study Program

### CONSULTING SERVICES

*TRUST FUND #: 070369*

#### Expressions of Interest

In the context of the on-going Red Sea – Dead Sea Water Conveyance Study Program (see [www.worldbank.org/rds](http://www.worldbank.org/rds)) the World Bank intends to finance the services described below under a multi-donor trust fund supported by several bi-lateral donors. These services are designed to complement on-going efforts under the Study Program. A separate EOI for each of the two studies has also been advertised electronically through the World Bank internet ([www.worldbank.org/wbeconsultant](http://www.worldbank.org/wbeconsultant)), dgMarket ([www.dgmarket.com](http://www.dgmarket.com)) and United Nations Development Business on-line ([www.devbusiness.com](http://www.devbusiness.com))

The services include two separate studies designed to produce basic research and technical analysis in the following areas:

- Dead Sea Study. Physical, chemical and biological properties of the Dead Sea and the impact of mixing Red Sea and Dead Sea waters in the Dead Sea.
- Red Sea Study. Oceanographic processes and environmental impacts on the marine environment of the Gulf of Aqaba/Eilat, due to extraction of large amounts of sea water.

It is anticipated that the studies have an eighteen month time frame for completion. Each study will be procured separately and there will be a separate contract for each study.

This selection process is designed to produce basic research on the topics described above for each study, however within the time frames stated. Given

the need to produce results quickly, the selected consultants must have prior and significant expertise in the subject area for which they elect to prepare proposals. For example, the Consultants should have expertise in numerical modeling of hydrodynamics with particular emphasis on sea water stratified conditions and long-term simulations. The Consultant for the Dead Sea Study should have expertise in numerical hydrodynamic and water quality modeling as well as water mixing geochemistry. The Consultant for the Red Sea Study should have expertise in physical oceanography and hydrodynamic and ecological modeling of large water bodies including shallow waters/coastal areas.

Previous work and recognized experience in the oceanographic and limnological processes of the Red Sea or the Dead Sea, respectively, for each of the studies would be an advantage.

The draft Terms of Reference for both studies is available at [www.worldbank.org/rds](http://www.worldbank.org/rds).

The World Bank now invites eligible consulting firms, universities and government owned research centers to indicate their interest in providing the services. Interested entities must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.)

Consulting firms, universities and government owned research centers may associate in joint ventures to enhance their Qualifications. Expressions of interest can be submitted for one or both studies. A consulting firm, university or government owned research center may be the lead firm or member of a joint venture in only one proposal for each study. However, consulting firms, universities or government owned research centers may be sub-consultants in more than one proposal.

The Consultants will be selected in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers May 2004 (revised October 2006). Selection will be done under "Quality Based Selection (QBS)" as described in Section III of the Guidelines.

Interested entities may obtain further information from the website [www.worldbank.org/rds](http://www.worldbank.org/rds) and via e-mail to Alexander McPhail, Task Team Leader, at: [amcphail@worldbank.org](mailto:amcphail@worldbank.org).

Expressions of interest, clearly marked either "Dead Sea Study" or "Red Sea Study", must be delivered in hard copy to the address below, or electronically to [http:// www.worldbank.org/wbeconsultant](http://www.worldbank.org/wbeconsultant), no later than 13 April 2009:

Alexander McPhail  
MSN J11-1102

The World Bank  
1818 H Street, NW  
Washington, DC 20433

The World Bank is not obligated to issue a Request for Proposals or to contract with any firm.