

<b>Closing Date:</b>	<b>Tuesday, 28<sup>th</sup> August 2012</b>	<b>at 10:00am</b>
<b>Quotation Reference:</b>	<b>MRA/109/2012/02</b>	



## Call for Quotations

Issued on 10<sup>th</sup> August 2012

# PROVISION OF TECHNICAL SERVICES IN THE FIELD OF HYDROGEOLOGY IN RELATION TO THE DEVELOPMENT OF A 3D NUMERICAL MODEL OF THE MEAN SEA LEVEL AQUIFER IN THE ISLAND OF MALTA



MALTA RESOURCES AUTHORITY

Italy-Malta Programme - Cohesion Policy 2007- 2013

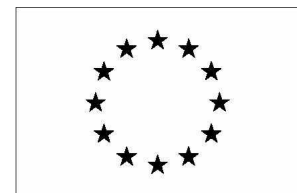
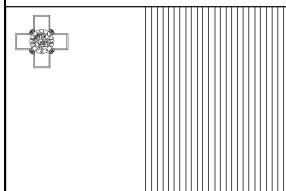
*A sea of opportunities for the future*

This Project is part-financed by the European Union

European Regional Development Fund (ERDF),  
Italy-Malta 2007-2013 OP

Co-financing rate: 85% EU Funds; 15% National Funds

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## **CALL FOR QUOTATIONS**

### **PROVISION OF TECHNICAL SERVICES IN THE FIELD OF HYDROGEOLOGY IN RELATION TO THE DEVELOPMENT OF A 3D NUMERICAL MODEL OF THE MEAN SEA LEVEL AQUIFER IN THE ISLAND OF MALTA**

#### **1. Objective**

This call for quotations is for the provision of technical services in the field of hydrogeology in relation to the development of a 3D numerical model of the mean sea level aquifer in the island of Malta.

The consultant will support the MRA team working on the development of a numerical model for the mean sea level aquifer in the island of Malta under the MORISO Project. The MORISO project is part funded by the European Union under the Interreg Italia-Malta Programme.

#### **2. Contract Term**

The consultant shall be required to carry out duties as described further on and as requested by the Contracting Authority.

The Contract shall be operative for a maximum of 6 months from the date of issue of the 'Order to Start Works' by the Contracting Authority. The contract is not renewable. The Contractor will be expected to sign a confidentiality agreement prior to the commencement of the contract. Unsatisfactory performance during the contract period will lead to termination of the contract.

The award of this contract shall, for all intents and purposes, not constitute a contract of employment, and the consultant shall not be deemed nor considered as an employee of the Contracting Authority.

**This call for quotations for technical support services is capped at €5,000 including VAT.**

#### **3. Services Required**

The contracting authority requires the consultant to provide the following services:

- (i) Undertake a literature survey related to the development of groundwater models in carbonate islands/coastal areas, focusing in particular on the problems encountered in the development of these models in relation to representing variations in the hydrogeological properties of the rock matrix;

- (ii) Participate in regular meetings with the MRA team developing the groundwater model to discuss the development of the model and help to propose solutions for improving the representativity of the model; and
- (iii) Prepare a final report outlining the different approaches encountered in the literature survey with respect to modelling of inhomogeneities in the rock formations.

Copies of all publications cited should be included as an annex to this report.

#### **4. Qualification Criteria**

Persons eligible for consideration to provide support services must as a minimum:

- be in possession of a first degree from a recognised University in the field of Sciences or Earth Sciences, with subsequent specialization in the field of Hydrology or Hydrogeology;
- be 18 years of age or older. Applicants must produce their birth certificate;
- have the ability to communicate in the Maltese and English Languages;
- be proficient in the use of widely available software packages including but not limited to MS Word and MS Excel; and
- be of good moral character (a police certificate of conduct issued within six months prior to the closing date of applications should be provided).

In addition, applicants must be:

- i. citizens of Malta; or
- ii. citizens of another European Union member State; or
- iii. citizens of other countries to which the EU provisions on free movement of persons apply (in case of difficulty the Ministry of Foreign Affairs is to be consulted regarding the countries to which EU provisions apply); or
- iv. the spouse and children, even if they are third country nationals, of any person mentioned at (i), (ii) and (iii) above, provided they are eligible to work in Malta under current legislation. This should be determined with the advice of the Director, Citizenship and Expatriate Affairs, Ministry for Justice and Home Affairs.

## 5. Experience

Each submission must clearly indicate the details of the consultant responsible for the provision of these services and must be accompanied by a detailed **Curriculum Vitae** of the person proposed. The **Curriculum Vitae** must indicate amongst other things both the experience of the person proposed in work of a similar nature and his/her academic qualifications.

The proposed consultant must have at least three (3) years experience working in the field of hydrogeology in the island of Malta and must have previous experience in the development of numerical groundwater models in island/coastal scenarios. Documented evidence of this must be included with the submission.

## 6. VAT

The successful bidder shall be bound to conform in all respects with VAT legislation and regulations.

The Contracting Authority reserves the right, at any time to request the contracted service provider to provide his/her official VAT registration number.

Prospective bidders should note that the Malta Resources Authority is a non-taxable legal person in accordance with the provisions of the Value Added Tax Act, 1998. In as much, MRA is not registered for VAT purposes (i.e. it does not have a VAT number) as it does not carry out an economic activity.

## 7. Other Terms and Conditions

Quotations submitted are to be in EUROS.

The quotations submitted shall be considered valid for a period of 6 months.

## 8. Submission Requirements

Proposals are to be submitted in the format as shown in **Annex 1** and are to be presented at the:

**Tender Box,  
Malta Resources Authority  
Millennia 2<sup>nd</sup> Floor  
Aldo Moro Road  
Marsa MRS 9065**

**By no later than 10.00am of 28<sup>th</sup> August 2012**

Proposals submitted in any other way or format will not be considered. Late submissions will not be considered.

**9. Payment Terms**

Payment will be effected following the satisfactory delivery of the services, and is subject to presentation of a VAT receipt. The Contracting Authority may consider requests for intermediate payments throughout the duration of the contract.

**10. Award Criteria**

This quote will be awarded to the cheapest technically compliant offer.

## **ANNEX 1**

### **ONLY QUOTATIONS SUBMITTED IN THE STIPULATED FORMAT WILL BE CONSIDERED**

**Quotation Ref: MRA/109/2012/02**

#### **Suppliers/Contractor's details**

Name of Service Provider:	
Contact Person's Name and Surname:	
Company's Address:	
Telephone Number:	
Mobile Number:	
Fax Number:	
E-mail address:	

DESCRIPTION	Total Price excl Vat	VAT	TOTAL
	EURO	EURO	EURO
Provision of technical services in the field of hydrogeology in relation to the development of a 3D numerical model of the mean sea level aquifer in the island of Malta.			

This quotation is valid for a period of \_\_\_\_ days.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_