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**Istituto Nazionale di Geofisica
e Vulcanologia**
AOO Pisa
Protocollo Generale - U
N. 0000126
Pisa, 09/02/2012



Istituto Nazionale di Geofisica e Vulcanologia SEZIONE DI PISA

Notice n.2/2012



Public selection, by qualifications and interview, for a post-doctoral contract to develop and use a LIDAR instrument for the measurement of CO₂ concentrations in a volcanic plume.

In compliance with the provisions of art. 7 of D.L. March 30, 2001, No 165 and subsequent amendments thereto, we hereby launch a public competition based on qualifications and interview for a private contract under a coordinated and continuous collaboration within project ERC StG 2011-CO₂Volc: *Quantifying the global volcanic CO₂ cycle*, no. 279802, to be carried out at the INGV Pisa office. This English notice is a translation from the official Italian notice, which should be considered the notice of legal reference.

1) Object of the contract

The activities to be pursued are: "**development and use of a LIDAR instrument for the measurement of CO₂ concentrations in a volcanic plume.**" The employee will be responsible for advancing the development of a LIDAR instrument under the direction of the project coordinator and in collaboration with other project partners. Testing and use of the new instrument in volcanic areas is planned. At the conclusion of the contract a full report will be provided by the employee.

2) Start, duration and termination of the contract

The contract has an initial period of 12 months and may be renewed up to a maximum of an additional 24 months. The contract may be terminated at any time by the Administration of the INGV.

3) Salary

The annual gross salary is Euro 36,000.00 for the 12 months of the contract. Tax and social security charges will be paid by the employee. The salary will be provided via monthly installments.

4) Requirements

Applicants for the position must meet the following criteria, or will be excluded from the selection process:

- a) Ph.D. Qualification, or equivalent experience (e.g. three years of documented research) in optoelectronics, completed by the date of expiry of this notice. The Selection Board has the exclusive right to evaluate admissibility;
- b) Excellent knowledge of English;
- c) Have no prior criminal convictions of a serious nature.

5) Application for Admission

The application form (attachment 1) should be signed by the applicant (unsigned applications will be excluded from the selection) and sent to INGV – Sezione di Pisa- Via della Faggiola 32, 56126 Pisa, Italy, stating on the envelope the reference number of the notice of selection to which it relates. It must be delivered by hand or sent in a sealed envelope by registered mail or courier to the above address, before the twenty-first day following the date of publication of this notice on the official website of INGV (www.ingv.it).

Verification of the time of receipt of applications which are delivered by hand to INGV Pisa during office hours (09:00 to 17:00, Monday to Friday) will be provided by INGV Pisa. For applications sent by registered post the time of reference will be given by the stamp of the post office, while those sent by courier will be determined from the posting date on the package.

The Administration does not assume any liability for loss of documents due to incorrect or unclear transcription of personal data or address, or failure or delay in notifying change of address in the application, nor for any postal delays attributable to third parties, unforeseeable circumstances or force majeure.

In the application, the applicant must declare, under their own responsibility:

- 1) full name, date and place of birth and social security (National Insurance) number;
- 2) their educational qualifications;
- 3) to have no criminal convictions and no pending criminal proceedings (otherwise, indicate the ongoing proceedings and the sentences passed, the dates of judgments and judicial authority which issued);
- 4) the delivery address for the purposes of receipt of the documents relating to the selection.
- 5) a full list of all other supporting documents which accompany the application;

6) Requested Documentation

In order to allow assessment to be carried out by the Selection Board, the candidate must include the following documents in their application:

- a) Signed curriculum vitae, including list of publications, education, training activities and professional experience;
- b) up to 5 scientific publications related to the object of collaboration;
- c) any other supporting documents that the applicant considers may be relevant for evaluation.

The selection board will evaluate the merits of all documentation provided.

Experience in optoelectronic instruments, in particular lasers, beam-shaping optics, optical radiation detectors, electronic amplification, signal acquisition techniques, data treatment and the development of control systems for optical instruments are particularly sought after.

Copies of original documents may be used (following art. 46 and 47 of Presidential Decree 28.12.2000, No 445) but in this case the statement in attachment 2 must be completed and signed, attached to a copy of a valid identity document (passport, identity card, etc..) and included with the application.

7) Evaluation

The comparative assessment of the applications will be made by a Selection Board appointed by the Director of the INGV Pisa, composed of the head of the research project, two other academics and a recording secretary. Applications whose qualifications meet the requirements of the selection will be called for an individual interview, designed to evaluate the research and technological ability of the candidate in the research topic.

Candidates must bring a valid identity document with them to interview.

At the conclusion of the assessment of all the candidates, the selection board will forward their report to the INGV Administration indicating, amongst other things, the criteria used for evaluation and final ranking of candidates. The above list will be published on the notice board and website of the INGV Pisa office.

8) Contract details

Unless precluded by particular impediments, the winner of the selection will be invited to sign a contract of private law which specifies the start and end dates of the work, the work to be done, remuneration and any other information regarding contractual activities. This contract does not qualify as an employment relationship and therefore the contractor is not entitled to severance pay or bonuses and rewards of their work in the employ of the government.

9) Privacy Protection

The personal information provided by applicants will be treated in accordance with Law 196/2003 and subsequent amendments, exclusively for the purpose of management of the selection process.

Pisa,

09 FEB. 2012

Director of INGV Pisa Office

Dr. Augusto Neri

A handwritten signature in black ink, appearing to read "Augusto Neri", written in a cursive style.

Application Form

To: Ufficio Protocollo
Istituto Nazionale di Geofisica e Vulcanologia
Sezione di Pisa
Via della Faggiola, 32 56126 Pisa, Italy

Subject: Application to participate in a public selection for a continuative coordinated contract of collaboration.

Reference Number AOO Pisa n. _____ of date _____

I the undersigned _____

Born in _____ county/state _____ nation _____ date _____

and resident in _____ county/state _____ nation _____

Address _____

National Insurance Number: _____

ASK

To be admitted to participate in a selection for the assignation of a collaborative contract regarding "*Development and use of a LIDAR instrument for the measurement of CO₂ concentrations in a volcanic plume*". To that end, I declare, under my own responsibility, to:

a) Possess the following qualifications:

b) Have no prior criminal convictions and no current criminal proceedings.
(in the contrary case indicate pending proceedings and/or sentences passed, their dates and the Judicial authority who passed them)

_____)

c) Live at the following address: _____

_____ Nation: _____ Telephone: _____

And commit to timely communication of any change in these contacts details.

