



HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT,
COMPETITIVENESS,
INFRASTRUCTURE, TRANSPORT &
NETWORKS

EARTHQUAKE PLANNING &
PROTECTION ORGANIZATION

Thessaloniki, 22nd November 2013
Ref No EE 563

Call for expression of interest for software procurement (academic use)

The Research Committee of the Hellenic Earthquake Planning and Protection Organization calls software developers / software supplier companies to express their interest in procuring software for modal analysis of structures based on signal processing of vibration response recordings. The software to be provided is intended for academic use and should meet the following minimum requirements :

1. Assessment of modal properties (eigenvalues, eigenshapes, damping) of structures from both forced or ambient excitations (input-output or output only response recordings).
2. Graphical user interface for input of data, data processing and visual presentation of analysis results.
3. Incorporation of more than one established methodologies for deterministic, stochastic or combined system identification investigations
4. Capability to combine multiple measurement sessions (different instrumentation layouts) of a structure through common reference stations.
5. The software should be able to run on Windows 7 / Windows 8.1 64-bits operating systems. Compatibility with 32-bit Windows operating systems (Windows XP, Windows 7, Windows 8.1) is desirable.
6. The software should be either self-installed as a separate product, or as a MATLAB toolbox (in the latter case, please provide minimum MATLAB requirements).
7. A detailed manual (in electronic or printed form) for the program installation and operation must be provided.
8. The provided software should be supplied with at least three lifetime licences (i.e. to be able to run on at least three different desktop / laptop PCs with capability of transferring of licences to other PCs)

Optional requirements :



A on-line or telephone support of the software from the developer will be highly appreciated (please provide details and state duration of support).

A free software updating policy will also be highly appreciated (please provide details).

The market share and experience of the supplier will be taken into account (please state number of active installations of the offered software)

The overall cost of the supplied software (including shipping and handling costs, if any) should not exceed **€ 1500.00 (VAT excluded)**.

Software suppliers should express their interest through e-mail to : rc@itsak.gr and christos@itsak.gr, stating explicitly the conformation of the offered software to each one of the above minimum (no. 1-8) requirements and supplying details (if available) on other optional requirements mentioned. Additional capabilities of the offered software that surpass the minimum requirements should be stated and will be taken into account. The cost of the offered software (value and VAT) should be explicitly included in the expression of interest.

The expression of interest should be submitted in PDF format and signed by the representative of the interested supplier.

Deadline for the submission of expression of interest:

Monday, December 2, 12:00 local (Greek) time (10:00 UTC time)

For further inquiries please send e-mail to Dr. Christos Karakostas, Research Director, EPPO-ITSAK (christos@itsak.gr)

EPPO Research Committee

Tsirias Stahis

