



UNIONE EUROPEA
Fondo Europeo di Sviluppo Regionale
Fondo per lo Sviluppo e la Coesione



MARKET SURVEY NOTICE - REQUEST FOR OFFERS

The Contracting Authority Department of Biomedical Sciences of the National Research Council (hereinafter "Contracting Authority") with this notice intends to acquire offers aimed at any direct assignment - pursuant to art. 1, paragraph 2 letter a) of the D.L. July 16, 2020 No. 76 and subsequent amendments converted by Law 11 September 2020 n° 120 - to identify the economic operator to whom entrusting the supply of a single photon counting acquisition board for TCSPC (Time Correlated Single Photon Counting) to be delivered and installed at the INO Operating Unit - National Institute of Optics of the National Research Council as part of the Project "IMPARA - IMAGING FROM MOLECULES TO PRECLINICS", Code PIR01_00023, ACTION II.1 OF THE PON Research and Innovation 2014-2020 - Notice pursuant to DD MIUR No. 424, for the enhancement of the research infrastructure called "EuBI - The European Research Infrastructure for Imaging Technologies in Biological and Biomedical Sciences" - CUP B27E19000050006

Codice univoco bene di riferimento per la procedura- PIR01_00023_231515- Board TCSPC

The exploratory investigation is in no way binding for the Contracting Authority; consequently, it does not constitute and cannot be interpreted in any way as a pre-contractual commitment with the Contracting Authority, nor can it give rise to any form of pre-contractual liability for the same. Since this is an exploratory market survey, no bankruptcy or para-bankruptcy award procedure has been launched and there are no merit rankings or assignment of scores. The Contracting Authority will be free to suspend, modify or cancel the investigation started at any time, without the participating subjects having any claim.

Contracting Authority

Dipartimento di Scienze Biomediche del Consiglio Nazionale delle Ricerche, Piazzale Aldo Moro, 7 – 00185 Roma – PEC: dsb@pec.cnr.it

Sole Responsible for the Procedure (RUP)

For any procedural/administrative clarifications and for technical information, the sole person in charge of the procedure is Dr. Maria Aiello (maria.aiello@ibfm.cnr.it).

Premises

As part of the National Operational Program for Research and Innovation 2014-2020 (PON RI), Axis II, Action II.1, the National Research Council holds funding for the strengthening of research infrastructures, aimed at the implementation of projects in the fields of the "European Strategy Forum on Research Infrastructures" (ESFRI), including the Research Infrastructure Strengthening Project called "EuBI - The European Research Infrastructure for Imaging Technologies in Biological and Biomedical Sciences", entitled "IMPARA - IMAGING FROM MOLECULES TO PRECLINICS" marked with the identification code PIR01_00023, which is managed under the direct responsibility of the Department of Biomedical Sciences of the National Research Council (CNR-DSB).

The PIR01-00023 "IMPARA" project, in particular with the OR 9, proposes to use multimodal microscopic techniques in order to obtain morphological and functional information from the biological tissues under investigation, highlighting various tissue compartments in a label-free manner. This service, currently available at the EuroBiomaging infrastructure thanks to a custom non-linear microscopy system, will be enhanced by equipping it with an acquisition card for single photon



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counting that allows the Time Correlated Single Photon Counting (TCPSC) technique, in order to create a microscopic platform that couples non-linear imaging techniques to the measurement of fluorescence dynamics.

Description of the supply

An acquisition card for single photon counting, suitable for the implementation of the Time Correlated Single Photon Counting (TCSPC) technique with the minimum technical / functional characteristics specified below:

- Temporal resolution (FWHM) lower than 4 ps;
- Bandwidth equal to or greater than 4 GHz;
- Minimum width of a temporal channel less than 0.5 ps;
- Rate of saturation counts equal to or greater than 12 MHz;
- Dead time equal or less than 80 ns;
- PCIe interface;
- Compatibility and interfaceability with the instrumentation produced by the Becker & Hickl company and already present in the infrastructure;
- Compatibility and interfaceability with Becker & Hickl SPCImage software, already present in the infrastructure;

The supply must include the following additional services:

- a) One-year full-risks warranty for the acquisition card.

Place of delivery and installation of the supply

- VENUE - is Istituto Nazionale di Ottica, Consiglio Nazionale delle Ricerche, Largo E. Fermi 6, 50125 Florence, Italy.

Estimated amount of the assignment

The total estimated amount of the assignment, given by the sum of the 3 lots, is quantified in € 21.000.00 (VAT excluded).

Requirements for participating in the survey

The subjects referred to in art. 45 of Legislative Decree 50/2016 and subsequent amendments, in compliance with the provisions of articles 47 and 48 of the same decree, and in possession of the following requirements:

- Non-existence of any grounds for exclusion provided for by art. 80 of Legislative Decree no. 50/2016 and subsequent amendments;
- Registration in the register held by the Chamber of Commerce for Industry, Crafts and Agriculture or in the register of the provincial commissions for crafts, or with the competent professional associations for activities consistent with those covered by this tender procedure. (or equivalent registration in its country competent authorities).

Deadline and methods for submitting the offer

The deadline for receiving offers and related documentation, as better described below, is set at 18:00 of 01/ 22/ 2022.



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Offers and documentation must be sent exclusively by PEC to the address dsb@pec.cnr.it and in copy to the RUP at the address maria.aiello@ibfm.cnr.it

The burden of proof of receipt on schedule lies with the economic operator.

Each interested party must submit, in addition to the offer, the following documentation:

- ESPD;
- Additional declarations to the ESPD;
- Technical report (free format).

The offer and the documentation must be:

- digitally signed by a holder/legal representative/attorney able to bind the subject to Italian or foreign economic operators residing in Italy;
- with handwritten signature, accompanied by a photocopy of a valid ID document of the subscriber, for foreign economic operators.

For economic operators not resident in Italy only, the documentation must be sent to the ordinary e-mail address: maria.aiello@ibfm.cnr.it. (RUP) in any case without fail within the deadlines indicated.

Criterion for the evaluation of the offer

The Contracting Authority will identify the economic operator to whom possibly entrust the supply (with the procedure provided for in art. 1, paragraph 2 letter a) of the D.L. July 16, 2020 No. 76 and subsequent amendments converted from Law 11 September 2020 No. 120) by carrying out a comparative evaluation of the technical reports and offers, using the following evaluation criteria, in decreasing order of importance:

- The compliance of the offer, in terms of technical characteristics/specifications, for satisfying the needs of the Contracting Authority;
- Economical: the price will be taken into consideration where different offers are considered substantially equivalent from a technical point of view.

Treatment of personal data

Pursuant to and for the purposes of the EU Regulation 2016/679 concerning the protection of individuals with regard to the processing of personal data (GDPR), the National Research Council will collect, register, reorder, store and use personal data, both by electronic and non-electronic means, for the purposes functional to the performance of its institutional activities, including the management of the exploratory market survey, and for those connected to legal obligations, in relation to which the provision is mandatory. For the aforementioned purposes, such personal data may be disclosed to third parties. The owner of the processing of personal data is the National Research Council.

The data of the successful tenderer will be processed at EU level through the ARACHNE system and used by the Italian Ministry of University and Research (MIUR), in order to identify the fraud risk indicators, and made them publicly available

(<http://ec.europa.eu/social/main.jsp?catId=325&intPageId=3587&langId=it>).

By sending the offer, the economic operator gives his consent to the processing of personal data.

The Sole Responsible of the Procedure (RUP)
(Dr. Maria Aiello)