



Consiglio Nazionale delle Ricerche

**ISTITUTO DI NEUROSCIENZE**

**Pisa Padova Milano Cagliari Firenze**



**Sede di Pisa**

IN - CNR - IN  
Tit: VIII.5 CI: MATERIALE E F:

**N. 0001957**      **01/07/2013**



**INFORMATION NOTICE No. 2/2013/IN - PD**

**Public Procurement**

**Contract Reference Number 5213919611 - Tender Number 5105159**

Following decision to stipulate contract IN Prot. N. 0001954 of July 1 2013, in compliance with the the principles set out in Art. 2 of Legislative Decree No 163 of 12 April 2006 concerning the regulation of public procurement regarding works, services and supplies implementing Directives 2004/17/EC and 2004/18/EC, in order to select the companies that shall be invited to take part in the procurement process as regulated by Art. 125 (II), of Legislative Decree No 163 of 12 April 2006, we publish this Notice.

Contracting authority:

NATIONAL RESEARCH COUNCIL OF ITALY - CNR  
INSTITUTE OF NEUROSCIENCE - PADOVA BRANCH

Procurement procedure:

Negotiated procedure, Art. 125 (I) (b) of Legislative Decree No 163 of 12 April 2006.

Object of the contract:

Imaging setup for 2-Photon microscopy

Maximun amount estimated:

Euro **95.000,00** (ninetyfivethousand/00 euro) VAT not included

Detailed description of the required works/services/supplies:

Upright microscope compatible with multiphoton scan head.

Motorised positioning of objective and condenser in Z axis and motorised X-Y stage, all controlled by remote control pad as well as by software.

Lamp house for 100 W halogen lamp for IR applications, IR filters, DIC prisms and analyser, long working distance (5.7 mm) single position condenser, Single Position Polarizer Module, fluorescence adapter kit, polariser, fluorescence turret for 6 position filter cube.

20x water immersion objective (NA=1, WD=1) for imaging and electrophysiology



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C-mount video magnification changer for NIR application, 4 position turret with 1x, 2x, 4x lens and shutter.

Trinocular tube for infrared applications inclined 30°, FN22, three position light path selector (Observation/camera 100/0, 0/0, 0/100), widefield eye-piece + focusable widefield eye-piece.

Oversized collection optics suitable for light collection from objectives with back aperture of < 24mm Custom sized primary dichroic (665 nm) and IR blocking filter(680 nm)

One blue/green and one red sensitive PMTs with preamplifiers and high-voltage power supply, two channel controller and filter cube. Multiphoton filter set to separate green and red emitting dyes. 525/50nm and 620/60nm emission filters with 565LP dichroic.

Objective adapters (RMS, extended RMS, M27 and M25 threaded objectives), with sliders and sliding rails.

Multiphoton galvanometer scanning system consisting of one separated pair of X and Y galvanometers with 3mm mirrors, designed to obtain diffraction limited resolution with large back aperture objectives (>16mm). To be controlled with dedicated Software.

Relay optics to get the laser beam from the laser into the periscope optics, with mechanical shutter.

Data acquisition board for image acquisition and galvo control for interfacing with dedicated acquisition software. Second DAQ board for Pockel cell control.

PC (with two monitors).

Awarding criteria: The most economically advantageous tender.

### Tender selection criteria:

Quality and performance of the product. Compliance with the specific technical specifications

### Expression of Interest

Therefore, companies interested in taking part in this selection process are required to send a formal Application to Take Part in the Tender, within and no later than July 12 2013, to the following address:

CNR - Istituto di Neuroscienze  
c/o Dipartimento di Scienze Biomediche  
Viale Giuseppe Colombo, 3  
35131 Padova Italy  
Fax: +39 0498276040

Please write on the envelope the following information "Avviso d'Informazione No 2/2013 IN-PD"





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Once all Applications have been received, the Istituto di Neuroscienze shall proceed to the identification of economic operators to be invited to tender.

The publication of this Notice and the Expression of Interest by companies shall in no way bind the Istituto di Neuroscienze to proceed with the invitation to tender under this procedure.

Tender Manager: Dr. Mario Zoratti

Clarifications

The contracting authority reserves the right to be entirely at liberty in considering the Applications and, moreover, reserves the right:

- not to proceed to the next step of the invitation to tender;
- not to proceed to awarding the tender at its discretion;
- to extend the terms of the tendering procedure;
- to annul the procedure.

The data collected shall be treated in accordance with Legislative Decree No. 196/2016.

This Notice is available at the following Internet address: [www.urp.cnr.it](http://www.urp.cnr.it) in the section: *Gare e Appalti*.

Director

Dr. Mario Zoratti