Lodz, 17.02.2020

(Place, date)

REQUEST FOR PROPOSAL NR 1/2020

We are pleased to announce our Request for Proposal, regarding tasks to be executed in the Project:

"Construction of a diagnostic stand for the Cytourofish(+) test, supported by cytological, cytogenetic and molecular techniques"

Name of the Beneficiary

PRZEDSIĘBIORSTWO PRODUKCYJNO HANDLOWO-USŁUGOWE " GENOS S.C. BOGDAN KAŁUŻEWSKI, JADWIGA KAŁUŻEWSKA, TADEUSZ KAŁUŻEWSKI (GENOS PRODUCTION-TRADING-SERVICE PROVIDING PARTNERSHIP – BOGDAN KAŁUŻEWSKI, JADWIGA KAŁUŻEWSKA, TADEUSZ KAŁUŻEWSKI)

Project number

RPLD.01.02.01-10-0018/19-00

Program

The Regional Operational Programme of the Lodz Province for the years 2014-2020

Axis

Research, development and commercial application of acquired knowledge

Actions

Investments of enterprises in research and innovations

Sub-actions

R+D infrastructure of enterprises

The venue of the Project implementation

Province: Lodz / County: Zdunska Wola / Zapolice

DESCRIPTION OF THE SUBJECT OF THE CONTRACT:

Delivery of an automatic image analysis system – a microscope and software

Minimum technical details of the equipment:

1. A system of automatic image analysis, consisting of: a computer workstation (a computer, a monitor, software package), a feeder of microscope slides, a digital camera and an UPS.
Automatic recording of microscope images in transmitted light and of images with induced fluorescence, generation of a photo gallery with photo storage and processing options.
Storage of photo images
A fully automatic process of scanning, using the above-mentioned microscope techniques
A possibility to evaluate the nucleus/cytoplasm (N/C) ratio, the eosinophilia index in the same program
Statistical functions, enabling to perform a quantitative and qualitative analysis of acquired test results.
A possibility of the automatic relocation of cellular objects, recorded with the use of classical staining techniques, and of the cellular objects, submitted to the FISH technique, possibility of HP staining evaluation and FISH test results on the same cell.
A function to scan classical histopathological specimens ("Whole Slide Imaging"), making use of 20x to 60xOil magnification rates
Possibilities to take photos with a professional camera of top image reproduction level, integrated with the microscope
A possibility to scan up to 9 microscope slides with the maintained focus of recorded image, also with magnifications, corresponding to 40x and 60xOil lenses and with appropriate chromatic and spherical corrections
Observations and recording of images, using the bright field and phase contrast techniques and the fluorescence technique
Providing the system with a barcode facility
An integrated IT system
The ability to create a database of patients, to run a statistical evaluation of results and store the data.
A support of a high-tech research microscope
A state-of-the-art digital camera, assuring a loss-free storage of images
A high-tech computer workstation, enabling smooth operation and storage of test results
2. A microscope with accessories:
A microscope, motorised in X, Y, Z axes, for observations in transmitted, fluorescent light and using phase contrast
Lighting with transmitted LED light
A motorised nosepiece for 7 lenses. A change of the lens from the module level with focus adjustment knobs, as well as from the touch screen of a colour LCD.
A motorised filter carousel for at least 8 cubes with fluorescent filters
An automatic scanning table
An interference green filter

The assembly of the cubes with filters without any tools
A condenser A motorised eight-position condenser with a motorised polariser. The condenser is provided with a motorised swivelling lens to support the 4x lens, the condenser aperture not less than NA=1.4. A change of the condenser position, both from the module level with focus adjustment knobs, as well as from the touch screen of a colour LCD. Phase contrast accessories for the dedicates lenses 40x
A manual cross table, enabling to operate the microscope in X and Y axes and being an alternative for the automatic feeder
A mercury burner with power of, at least, 130 W and operation time of 2000 h minimum
At least 7-step intensity control
An optical fibre to deliver fluorescence exciting light
An LCD display, informing about the operation time of the mercury burner
A cube with filters for DAPI fluorochrome
A cube with filters for FITC fluorochrome
A cube with filters for TRITC fluorochrome
A cube with Aqua filters
A cube with filters for Gold/Yellow
A cube with filters for TxRed fluorochrome
A cube with filters for QFO bands
A 4x lens, its numerical aperture not less than NA 0.16
A 10x lens, its numerical aperture not less than NA 0.4
A 20x lens, its numerical aperture not less than NA 0.8
A 40x lens, dedicated to the FISH technique, its numerical aperture not less than NA 1.4
A 60xOil lens, dedicated to the FISH technique, its numerical aperture not less than NA 1.42
A 100xOil lens, its numerical aperture not less than NA 1.45
A digital photo camera (HD but the recommended resolution is 4K), permanently attached to the microscope, its software to be controlled from the computer level. A video recording option.
A UPS, enabling the system to remain active for a minimum one hour after electric mains failure.
The equipment vendor should assembly the system at the end-user's laboratory and assure the laboratory personnel training in a degree to enable an autonomous functioning of the diagnostic stand.
The entire system is covered with a minimum 2-year guarantee, with the options of charged extension and of free-of-charge software updates throughout the system application period.
Documented installation of similarly configurated system in the country.

1 ORDER LEAD TIME TERMS

1. The subject of the order should be delivered to the Registered Office of the PPHU GENOS s.c. Company, the address: Strońsko 20A, 98-161 Zapolice
2. The lead time: 30 days from the date of signing the contract
3. Guarantee - 2 years minimum

2. DESCRIPTION OF QUOTATION PREPARATION

a/ Quotations should be prepared in written form, in Polish or English. The Quotation Form should bear company stamps and / or signatures of the person (s), authorized to represent the Contractor.

b/ The quotation must contain:

- the full name of the bidder
- the bidder's address or registered office, telephone number, the tax identification number/ VAT No.
- the quotation (net and gross. The rate and amount of VAT (if applicable)
- the name of the offered device and the name of its manufacturer
- the quotation validity period: 30 days from the quotation submission deadline
- the terms of payment
- a confirmation of compliance with the above-listed minimum technical parameters
- a declaration that the contractor has fulfilled the information obligations, provided in Article 13 or art. 14 of GDPR - according to the template in the Quotation Form
- a completed and signed statement, being Annex 2 to this Request for Proposal.
- the power of attorney - if the submitted quotation is signed by the contractor's attorney

3. QUOTATION SUBMISSION PLACE & DATE

a / A quotation to be submitted should be sent by post, Courier or delivered in person to the following address: PPHU Genos s.c., Żubardzka 4, 91-032 Łódź, or sent to the following e-mail address: genos@genos.com.pl with the annotation: "Response to Request for Proposal number 1/2020"

b/ The deadline for quotation submission is 27.02.2020 at 12.00 a.m. No quotations will be considered if, submitted after the deadline.

c/ The deadline for quotation submission is tantamount to delivery of documentation to the company's Registered Office in Łódź or to the e-mail address.

d/ The submitted quotations will be opened on 27.02.2020 at the Registered Office of **PPHU GENOS s.c., Żubardzka 4, 91-032 Łódź at 12.30 a.m.**

e / The information about the contract is provided by:

Information about the subject of the content: prof. Bogdan Kałużewski tel. 600218080

Technical information: Agata Wyrębska tel. 668481153

f / For matters not covered by this announcement, the relevant provisions of the Civil Code shall apply.

4. QUOTATION ASSESSMENT CRITERIA AND METHODS

The Contracting Authority will examine submitted quotations, confirming compliance with the minimum technical parameters of the equipment, using the following criteria:

GROSS PRICE -100%

The awarded contractor shall be selected out of properly completed and duly submitted quotations. The lowest-price quotation shall be recognised most advantageous.

5. THE ARRANGEMENTS FOR INFORMING OFFERERS OF THE PROCEDURAL STATUS

a/ A complete information about the procedure, contained in this Announcement, is available in the Competition Database, at the Registered Office of the **PPHU GENOS s.c. Company, Strońsko 20A, 98-161 Zapolice** and on the homepage of the Contracting Authority: www.genos.com.pl

b/ The Contracting Authority reserves the right to send this Request for Proposal to arbitrarily selected, potential offerers with a request to take part in the Procedure and submit their quotation.

c/ The results of the Procedure shall be provided on the homepage of the Contracting Authority: www.genos.com.pl

d/ The Contracting Authority may amend the Request for Proposal, not select the most advantageous quotation and cancel the Request for Proposal without providing any reasons.

APPENDICES

1. Quotation Form
2. Declaration of no conflict of interest