PURCHASE CONTRACT

No. 059/OVZ/PV/2024

CONTRACTING PARTIES:

BUYER: **Palacký University Olomouc**
Public university established by Act. No. 111/1998 Coll., on Higher Education Institutions and on Amendments to Certain Acts (Act on Higher Education Institutions), as amended
Legal Adress: Křížkovského 511/8, CZ-771 47 Olomouc, Czech Republic
Rector: prof. MUDr. Martin Procházka, Ph.D.
Person authorized to act in technical matters: [redacted]
Identification No.: 61989592
Tax Identification No.: CZ61989592
Bank Name: [redacted]
Bank Account No.:
(hereinafter referred to as „Buyer")

and

SELLER: **Linev Systems EU UAB**
Legal Adress: Ryternos str. 3C-1, Biruliskiu village, Kaunas district LT-54469 Lithuania
Registration in Companies Register: Kaunas Register of Legal Entities
Statutory body: [redacted]
Person authorized to act in contractual matters: [redacted]
Person authorized to act in technical matters: [redacted]
Identification No.: 306090790
Tax Identification No.: LT100015180015
Bank Name:
Bank Account No.: [redacted]
(hereinafter referred to as „Seller")

are closing on the bellow stated day, month and year according to provision of Section 2079 et seq. of the Act no. 89/2012 Coll., Civil Code, as amended, this purchase contract (hereinafter referred to as „Contract") related to realization of project "Support of doctoral study programmes at Palacký University in Olomouc", reg. no. CZ.02.01.01/00/22_012/0006440, within the Jan Amos Komenský Operational Programme.

The Buyer and the Seller enter into this contract due to the fact, that the Seller was selected by the Buyer in the procurement procedure entitled **„FoS/UPOL – Benchtop X-band EPR spectrometer with accessories"** as the selected economic operator.

I. Subject of the Contract

1. The Seller undertakes under this Contract to deliver to the Buyer **Benchtop X-band EPR spectrometer with accessories** (hereinafter referred to as the „Goods") in type, quantity, quality and design according to specification, that is an integral part of this Contract as its Annex No. 1. The Seller is not entitled to deliver Goods in larger quantity as stated in Section 2093 of the Civil Code. Both parties to this Contract agreed that Section 2099 (2) of the Civil Code will not be applied.

2. The Seller hereby undertakes to surrender the Goods specified in Annex no. 1 to this Contract to the Buyer and allow him to acquire property rights to it, carry out the installation of the Goods, provide the training to the Buyer´s staff by qualified worker and provide the warranty service under the conditions stipulated by this Contract.

3. The Buyer agrees to take over the Goods and pay the Seller the purchase price in the way and in time agreed to in this Contract.

4. Part of the delivery of the subject of the Contract is transport and delivery of legal documents (Declaration of conformity or CE certificate, user manual in Czech or English).

5. The Seller declares pursuant to Section 2103 Civil Code, that the Goods is without any faults or defects.

6. The Goods shall be fully functional, new, unused, not refurbished, without any additional costs or expenditures necessary to be paid by the Buyer.

II. Term and place of delivery

1. The Seller undertakes to deliver and install the Goods at the place of delivery, including the delivery of all legal documents to the Goods, the execution of all tests verifying compliance with technical parameters given in this Contract, the training of the Buyer's staff by a qualified worker within the scope of Article V (2) of this Contract, no later than 5 months after the effective date of this Contract.

2. Place of delivery:
   Palacký University Olomouc, Faculty of Science, Department of Inorganic Chemistry, 17. listopadu 1192/12, 779 00 Olomouc, Czech Republic.
   Person authorized to take over the delivery on the basis of a handover protocol: [redacted] or a person authorized by him to take over the Goods.

3. Both parties agreed, that Section 2126 and Section 2127 Civil Code on self-help sale will be excluded and thus shall not be applicable in the case of delay in take-over of the Goods by the Buyer.

III. Purchase price

1. The purchase price is set in the amount of **1.830.750,00 CZK without VAT**. The Seller is not the payer of VAT.

2. The purchase price covers all the costs related to the supply of the Goods (in particular the transport to the place of delivery, insurance, customs duties, fees, license fees and copyrights, installation and arranging for training, delivery of all legal documents to the goods, the warranty service).

3. The purchase price is set as a fixed price, the highest acceptable and maximal, covering all the costs related to the supply of the Goods.

4. The Seller takes the responsibility for the fact, that the VAT rate at the time of invoicing is stipulated in compliance with the legislation.

IV. Payment terms and conditions

1. Payment for the delivery of the Goods shall be made on the basis of a duly issued tax document (invoice), including all the prerequisites, within the due date of 30 calendar days from the date of the provable delivery to the Buyer. The invoice will be issued by the Seller at the earliest after delivery of the Goods, its proper and complete installation, delivery of legal documents, performance of all tests verifying compliance with technical parameters given by this Contract, basic operator training within the scope of Article V (2) of this Contract, which will be confirmed by a written signed protocol on the delivery and installation of the Goods. Proof of the proper fulfillment of the obligations stated in the previous sentence by the Seller is a written dated handover protocol provided with the signatures of the authorized persons of both contracting parties to act in technical matters.

2. Each invoice issued by the Seller must include all tax document prerequisites in accordance with Act No. 235/2004 Coll., on value added tax, as amended, and the prerequisites of a commercial deed pursuant to Section 435 of the Civil Code as well as identification of the Contract, on the basis of which the fulfilment has been provided. The Seller shall affix the invoice with the signature of the person authorized to issue the invoice. Each invoice issued will bear the number of this Contract and name ang reg. no. of the project.

3. If any invoice issued by the Seller does not contain any of the obligatory particulars or if the Seller incorrectly invoices the price or the VAT, the Buyer is entitled to return such invoice to the Seller before the expiration of its maturity date for the correction, stating the reason of its returning. The Seller shall correct it by issuing a new invoice. The initial maturity date stops running on the day of sending the incorrect invoice to the Seller and a new maturity day starts running on the day of the delivery of a new invoice to the Buyer.

4. The contracting parties agree that the obligation to pay the purchase price is fulfilled on the day when the given sum is sent from the Buyer's account to the Seller's account given above in this Contract.

5. The Seller shall ensure proper and timely fulfillment of financial obligations to its subcontractors, where proper and timely fulfillment is considered full payment of invoices issued by the subcontractor for performances provided to the Seller to fulfill obligations under the Contract, always no later than 15 days after receiving payment from the Buyer for specific performance (if the due date of the invoice issued by the subcontractor has not occurred before). The Seller undertakes to transfer the same obligation to other levels of the supply chain and to oblige its subcontractors to fulfill and spread this obligation also to lower levels of the supply chain. The Buyer is entitled to request the submission of documents on payments made to subcontractors and contracts concluded between the Seller and subcontractors. Failure to fulfill the obligations of the Seller under this agreement of this Contract is considered a material breach of contract with the possibility of withdrawal by the Buyer from this Contract. Withdrawal from this Contract is in such a case effective by delivery of a written notice of withdrawal from the Contract to the other contractual party.

V. Installation and training of the staff

1. As part of the installation of the Goods at the place of delivery, the Seller is obliged to prove, but not exclusively, the full functionality and fulfillment of all the parameters of the Goods in accordance with the tender of the Seller, which forms an integral part of the Contract (Annex No. 1 of the Contract).

2. The Seller undertakes to provide basic operator training, which is a condition for the due handover and reception of the Goods within the following scope: Operator onsite training for delivered Goods in the minimal scope of 1 working day – 8 hours, for at least 3 persons of the Buyer. Professionally qualified service technicians or application specialists will conduct initial operator training, which will include:
   - switching on/off the equipment including accessories
   - routine check of the operating parameters of the equipment
   - basic fault detection methodologies
   - performing experiments with provided accessories

3. All trainings shall take place at the place, where delivered Goods have been installed, unless agreed otherwise in writing by the persons authorized by the contracting parties to act in technical matters. Precise dates of the respective trainings shall be agreed in a sufficient advance by the person authorized by the Buyer to act in technical matters. All the costs related with the above-mentioned trainings (including the stay of service technicians, application specialists or specialists of the economic operators of the accessories) are paid for by the Seller and are included in the purchase price.

VI. The Seller´s responsibility for defects and warranty

1. The Seller provides a quality warranty for the Goods according to § 2113 et seq. Civil Code, for a period of 24 months from the date of signing the handover protocol pursuant to Article IV (1) of this Contract.

2. Seller guarantees promptness of service in the warranty period, ie. travel to the place of installation, conducting detection of defects and discussing the necessary service operations with person authorized by the Buyer to act in technical matters, during warranty period no later than within 10 workdays from the day of report of the defect, by visit from service technician. During the warranty period, the respective defects shall be removed within 15 workdays at the latest after the day of the start of the defect removal, unless otherwise agreed in writing by persons authorized by contracting parties to act in technical matters. The Seller is obliged to provide repairs in the place of delivery, in case it is technically impossible, Seller shall take over the faulty part of the Goods in order to repair it after signing a written protocol, stating suggested procedure agreed by the person authorized to act in technical matters for the Buyer. The contracting parties have agreed that § 2110 Civil Code shall not apply; the Buyer is therefore entitled to withdraw from the Contract for defects or demand the delivery of new Goods, regardless of whether he can return the Goods, or return them in the condition in which they were received.

3. Seller also undertakes to perform free full service of the delivered Goods including software updates for the entire warranty period (free warranty service of delivered Goods). The costs of performing a full warranty service of the delivered Goods form part of the purchase price.

VII. Contractual penalties

1. The contracting parties shall, in the event of a breach of the contractual obligation, agree on contractual penalties in the form provided for in the following paragraphs of the Contract. Neither contracting party considers that the contractual penalties are disproportionate in relation to the value of the individual contractual obligations.

2. The Seller undertakes to pay the Buyer a contractual penalty in the amount of 0,2 % from the purchase price without VAT for each commenced day of delay with the contractually set delivery date as per Article II (1) of this Contract.

3. The Seller undertakes to pay the Buyer a contractual penalty of 0,1 % from the purchase price without VAT for each even commenced day after the expiration of the period for initiation to repair or after the expiration of the period for repair defects during the warranty period in accordance with Article VI of this Contract, for each individual case.

4. The contracting parties have agreed that § 2050 of the Civil Code shall not apply, i.e. contractual penalties are not included in the compensation for any damage incurred, which can be enforced separately in full in addition to the contractual penalty.

5. The maturity date of the charged contractual penalties is 30 calendar days from the day of delivery of their written statement to the given contracting party and the day of payment means the day of debiting the contractual penalty amount from the account of the given contracting party to the account mentioned in the statement of the contractual penalty.

6. The Buyer is entitled to set off the contractual penalties within the meaning of Section 1982 et seq. of the Civil Code against the Seller's outstanding claim for payment of the purchase price under this Contract.

VIII. Final provisions

1. With respect to the provision of Section 2 (e) of Act no. 320/2001 Coll., on the Financial Inspection in Public Administration, as amended, the Seller is a person obliged to cooperate during the performance of the financial inspection. These Seller's obligations also apply to his contractual partners involved in the fulfillment of this Contract.

2. The Seller undertakes to ensure the legal employment of persons in the performance of this Contract and to ensure fair and decent working conditions for the employees participating in the performance of the Contract. Fair and decent working conditions are those working conditions that meet at least the minimum standards set by labor and wage regulations. The Seller is obliged to ensure compliance with the requirements of this provision of the contract with its subcontractors. Failure to fulfill the obligations of the Seller under this agreement of this Contract is considered a material breach of Contract with the possibility of withdrawal by the Buyer from this Contract. Withdrawal from this Contract is in such a case effective by delivery of a written notice of withdrawal from the Contract to the other contractual party.

3. The Buyer reserves the right to publish the contents of the Contract.

4. This Agreement is governed by the Civil Code and the legal order of the Czech Republic in matters not expressly regulated in it.

5. The provisions of this Contract are separable. If any part of an obligation under this Contract is or becomes invalid or non-enforceable, this shall not affect the validity and the enforcement of other obligations under this Contract and the contracting parties undertake to replace such invalid or non-enforceable part of obligation with a new, valid and enforceable part of the obligation, the subject of which will correspond at the best to the subject of the original obligation. If the contract does not contain a provision which would be justifiable for the determination of the rights and obligations, the contracting parties will make all the efforts to implement such provision in the Contract.

6. The contracting parties may modify or amend this Contract only in the form of written amendments numbered in the increasing order, expressly declared as amendments to this Contract and signed by the authorized representatives of the contracting parties.

7. The Buyer is entitled in accordance with § Section 2001 of the Civil Code, to withdraw from this Contract in following cases:
   - delay of the Seller with the delivery of Goods longer than 10 calendar days,
   - failure to comply with the technical specification of the Goods set out in the Seller's tender or if the Seller, in the tender submitted in the tendering procedure preceding the conclusion of this Contract, has provided information or submitted documents which do not correspond to reality and have had or could have had an influence on the selection of the Seller to perform the public contract,
   - the Seller's delay with starting to repair defects longer than 10 calendar days,

The withdrawal from the Contract shall be made in a written form and becomes effective on the day of the delivery of the written notice to the other contracting party.

8. The Seller is not entitled to cede his rights and obligations under this Contract to a third party without the Buyer's approval.
9. With regard to the delivery of items relating to the performance of this Contract sent by the Seller using the postal service provider, § 573 of the Civil Code shall not apply.

10. The Seller acknowledges that this Contract, including all its Annexes, is subject to mandatory disclosure under Act No. 340/2015 Coll., on special conditions of effectiveness of certain contracts, publication of these contracts and on the register of contracts, as amended.

11. This Contract shall enter into force on the date of its signature by the last participant of this Contract and become effective as of the date of publication of this Contract by Buyer in the Register of contracts pursuant to Act No. 340/2015 Coll., on special conditions of effectiveness of certain contracts, publication of these contracts and on the register of contracts, as amended.

12. This Purchase Contract is signed electronically.

13. The Seller is obliged to inform the Buyer if it becomes aware that it or its subcontractors or the performance which is the subject of this contract is subject to international sanctions.

14. The Seller hereby obliges, that all subjects authorized to conduct control of the project, by means of which the subject of this Contract is paid, will be allowed to carry out control of documents related to this subject, during period set by legislation of Czech Republic for their archivation (Act No. 563/1991 Coll., on accountancy, in its effective form and Act No. 235/2004 Coll., on value added tax, as amended).

15. The following Annexes form an integral part of this Contract:

    Annex No. 1 – Seller's tender dated 30.01.2024

In Olomouc, on 25.03.2024 In Kaunas, on ***21.03.02024***

……
prof. MUDr. Martin Procházka, Ph.D.
rector of Palacký University Olomouc

[redacted]

DBID: 5116
System number: P23V00000305
Under the Act: no. 134/2016 Coll.
Registration number in VVZ: Z2023-058585
Title: EPR spectrometer with accessories“„FoS/UPOL – Benchtop X-band EPR spectrometer with accessories“

TECHNICAL PROPOSAL
No. LS-11012024-CZ dd January 30, 2024

General description of EPR spectrometer SPINSCAN X:

Electron Paramagnetic Resonance (EPR) Spectrometer SPINSCAN X is designed for on and off-line EPR testing under laboratory and industrial conditions. SPINSCAN X is suitable for routine and research application in physics, chemistry, biology, medicine and crossed fields of sciences to explore free radicals, transitional metal ions and reactive oxygen species. Spectrometer is intended for EPR spectra measurements in liquid or solid phases to detect the concentration of paramagnetic species or free radicals. The main distinctive features of EPR (ESR) Spectrometer SPINSCAN X are a compact design of electromagnet and microwave bridge. At the same time the instrument's high sensitivity and resolution can only be bettered by systems much more expensive and much larger.

SPINSCAN X EPR Spectrometer is a fully computer controlled system with comprehensive user-friendly software package. Built-in frequency meter, magnetic field and temperature sensors, automatic g-factor calculation and a broad dynamic range on the amplifier and the AD converter are the main features of EPR Spectrometer SPINSCAN X what are requested by advanced EPR users.

SPINSCAN X can easily be incorporated into graduate and undergraduate teaching laboratory courses for students of the faculties of natural and technical sciences of Universities.

The EPR spectrometer has a very compact design, easy installed on the desk and does not have special requirements for the space in the lab. The installation of equipment can be done like plug – and - play and in a case you need tech support the main parameters can be confirmed by remote control with service engineer.

It requires no special annual maintenance making life easy as all service works can be done simply by user.

The machine has Ethernet interface so can be used in a local network to organize lab course and manage the experiments by group of students.

EPR spectrometer SPINSCAN X features:

- Compact design of electromagnet with optimized stable and homogenous magnetic field
- High Sensitivity and Resolution
- Built-in frequency counter and automatic g-factor measurement
- Most functionalities and capabilities of large spectrometers are available

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Technical specification:

- Operating frequency: X-band (9.2 -9.55 GHz)
- Sensitivity $8x10^9$ spins / 0.1mT
- Resolution 0.003 mT
- Maximum magnetic field 700 mT
- Sweep width 0.1 – 700 mT
- Field homogeneity: +/- 3 uT within sample region
- Field stability: 1.5 uT/h
- Microwave power 0.001 - 100 mW
- Microwave tuning- Automatic or manual
- Cavity TE_{102}
- Q-unloaded 5000
- Cavity Q factor and MW power measurement
- Magnetic field modulation – 10 kHz - 250 kHz
- Phase detection range $0\text{-}360^0$
- Amplitude resolution 24 bit
- Broad signal channel dynamic range - digitization up to 140 dB in one scan
- High magnetic field resolution - up to 256 000 pts for any sweep range
- 2D - experiments (intensity vs MW power, amplitude modulation, temperature, angle)

Software package e-Spinoza:
Spectrometer is fully computer controlled system with a comprehensive User-friendly special software package *e-Spinoza* for system control and data acquisition and provide:

- Automatic control and remote access using Ethernet interface;
- Cavity Q factor measurement;
- Multiple harmonics detection;
- MW power setting;
- 2D - experiments intensity vs magnetic field/ MW power, time delay, temperature etc.;
- Base-line correction;
- Spectrum fragmentation;
- Calculation of line spectrum parameters: peak- to-peak, line-width, g-factor;
- Data processing: integration, differentiation, smoothing and averaging, phase detection shifting; Lorentz – Gauss fitting, limear algebra, spectra extraction etc;
- ASCII and other formats exchange possibility (*.xls, *.pdf, *.png etc)
- Data file management;
- List of Scenarios for automatic operation as EPR analyzer with special applied methods;
- Data import into simulating software with free access– www.easyspin.org, http://sw.pharma.hr/EPRSIM/visualEPR.html#input_stuff;
- Control of external and built-in accessories (auto sampler changer, flow through and temperature control systems, pump etc.).

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BASIC PACKAGE

Starting kit:

- Sample quartz tubes set (3, 4 ,5 mm OD) – 6 pcs./pck
- Sample holders set – 11/pck
- Capillary set 50 µl – 250/ pck
- Sample Mn^{2+} in MgO – 1 pc.
- User manual - 1 pck.
- Service kit – 1 pck.

ADDITIONAL EQUIPMENT & ACCESSORIES:

1. AUTOMATIC SYSTEM FOR TEMPERATURE CONTROL TCS01-L

Automatic temperature control system is external system to control the temperature in the sample area of EPR spectrometer SPINSCAN X in the range from - 170 – to +200 °C. Software interface for temperature controller is integrated into main software package e-Spinoza and EPR data can be collected at elevated temperature.

Carrier gas	*Nitrogen (gas)*
Nitrogen consumption, l/min	*25*
Variable temperature operating range, °C	*-176…+200*
Temperature stability better than, °C	*± 0,5*
Temperature sensor	*Thermocouple type K*
Time of heating/cooling to reach max/ min temperature, min	*Max. 3*
Sample diameter max, mm	*4*
Heater power, W	*60*
Calibration	*Auto adjustment*

TCS-01L package includes:

- Temperature controller TC-01
- LN Tank (25 l) with built in cooling/ heating unit
- Quartz Suprasil VT Dewar Insert with built in thermocouple and heater
- Desk

Note: The system uses gas N2 and Liquid Nitrogen. Consumables are not included in the package.

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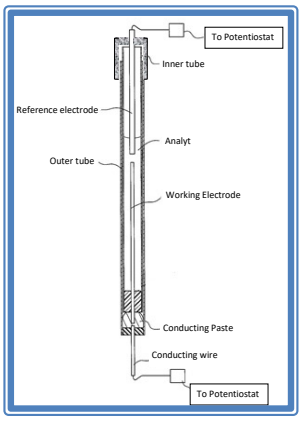
2. **Set for EPR - Electrochemistry**
   - EC-Cell
   - Connectors
   - Potentiostat
   - Quartz tubes (outer and inner)
   - Conducting liquid/paste
   - Pt/Cu/Graphite Working Electrode
   - Ag-(Ag-AgCl*) Counter/ReferenceElectrode



3. **Set for EPR - Photochemistry**
   - Light Source LS-DWHP
   - Optical fiber/adapter
   - Collimating Lens
   - Optical Filters

DWHP is a continuous light source that combines the spectrum of a powerful deuterium and tungsten halogen lamps into a single optical path

Wavelength Range: 185-2500 nm
Deuterium lamp power: 30W
Tungsten-Halogen lamp power: 7W
Power consumption (max): 70W
Built-in Filter Slot

4. **Automated Goniometer**
5. Automatic rotation of the sample in the horizontal plane.

Specification:
The maximal linear dimension of the sample: 4 mm
Step size: 0.2°

6. **LN Dewar flask**, 50 ml (only for LN temperature)
7. **Suprasil Aqueous Cell (Flat-cell cuvette)**

The flat cell is recommended for EPR experiments that requires critical coupling.
Width of flat section 7.0 mm
width of gap 0.3 mm

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8. Work operation station

Computer for system controlling, data acquisition, processing, and analysis.
PC configuration**:** CPU Core i3/i5, DDR 4 Gb, 500 Gb HDD, 23", Wind. 10, Ethernet, Wi-Fi, USB

WARRANTY

Full warranty what cover the parts, labor and tech support: standard 12 (twelve) months + extended 12 (twelve) months (after shipment equipment to the Buyer).
Warranty terms are not applicable for any disposables or package.
Warranty terms include 2 (two) years unlimited remote diagnostic and maintenance performed by the Manufacturer or designated service agent.

Service (warranty) support contact information:

LINEV Systems EU UAB
Ryternos st. 3C-1,
Biruliškių village, Kaunas district,
LT-54469, Lithuania
Phone: [redacted]
Time support (UTC+3):
9.00 : 16.00, from Monday to Friday
Contact: [redacted]
[redacted]

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Technical Compliance Matrix

No	Specifications	Comply Yes/No	Proposal
	Requested		Electron Paramagnetic resonance (EPR) spectrometer SPINSCAN X with accessories
	The system must include all components listed below and must fulfil the following minimal requirements set by the Contracting Authority:	**Yes**	The offered system includes all components listed below and fulfils the tender requirements:
	Operating frequency in microwave range: 9-10 GHz with a built-in frequency meter	**Yes**	Operating frequency in microwave range: 9,2 – 9,55 GHz with a built-in frequency meter
	Microwave power minimal range: 1 µW – 100 mW	**Yes**	Microwave power range: 1 µW – 100 mW
	Sensitivity: maximal value of $8x10^{10}$ spins/mT (8×10^9 spins/G)	**Yes**	Sensitivity: $8x10^{10}$ spins/mT (8×10^9 spins/G)
	Field homogeneity: maximal value of ∓ 5 µT (50 mG) within the sample region	**Yes, Better**	Field homogeneity: less than ∓ 3 µT (∓ 30 mG) within the sample region
	Field stability: maximal value of 1.5 µT/h	**Yes**	Field stability: maximal value of 1.5 µT/h
	Minimal magnetic field range: 0 - 650 mT (0 - 6500 G)	**Yes, Better**	Magnetic field range: 0 - 700 mT (0 - 7000 G)
	Modulation frequencies at least 10 kHz and 100 kHz	**Yes, Better**	Modulation frequencies, discrete range from 10 kHz to 250 kHz
	Liquid nitrogen variable temperature controller for low- and high-temperature measurements (minimal measuring range 105 K - 450 K), software controlled (also with the possibility to measure temperature-dependent spectra automatically), including at least one container for the cooling medium (liquid nitrogen). Temperature setting stability of at least ± 1 K.	**Yes, Better**	**Liquid Nitrogen variable temperature control system TCS-01L* (170C° - +200C°)/(103 – 470 K)** for measurements EPR signal at elevated temperature from low- to high-temperature range. The system TCS-01L is software controlled and controlling interface is integrated into main software package e-Spinoza (with the possibility to measure temperature-dependent spectra automatically). Temperature setting stability of ± 0,5 K.

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			TCS-01L system includes**:** - Temperature controller TC-01(1 pc.) - LN Dewar tank 25l (1 pc.) for liquid nitrogen - Cooler (1 pc.) - Quartz VT Dewar with built-in heater and thermocouple (1 pc.) - Desk (1 pc.) ** The system uses the LN and N2 (we do not supply)*
	Liquid nitrogen finger Dewar for measuring at 77 K (liquid nitrogen boiling temperature).	**Yes**	Liquid nitrogen finger Dewar with special Dewar holder for EPR spectra measuring at 77 K (liquid nitrogen boiling temperature) is included in the package.
	Automated goniometer for measuring samples with orientation-dependent spectra, with a high precision minimal step size of 0.2°.	**Yes**	Automated goniometer for measuring samples with orientation-dependent spectra what is typical for crystals/liquid crystal systems and others, controlled by e-Spinoza software, with a high precision minimal step size of 0.2°.
	UV-Vis irradiation unit for the illumination of the samples, software controlled, to study photochemical radical reactions and photophysical production of excited paramagnetic states accompanied with compatible continuous light sources with a minimal range of 250-800 nm and respective monochromators/ filters providing UVC, UVB, UVA, blue, green, and red light.	**Yes**	UV-Vis irradiation unit for the illumination of the samples, software controlled, to study photochemical radical reactions and photophysical production of excited paramagnetic states accompanied with compatible continuous light sources with a range of 180-1100 nm and filters set providing UVC, UVB, UVA, blue, green, and red light. - UV- VIS Light Source, 180-1100 nm - SMA 905 connector; - Optical fiber; - Collimating lens; - Special adapter; - Optical filters: UVC, UVB, UVA, blue, green, and red light.
	Electrochemical cell with potentiostat.		**Electrochemistry EC- EPR kit**: - Electrochemical cell (EC- EPR) - Potentiostate

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	Material for measuring liquid and solid samples. Sample tubes made of quartz with 3, 4, 5 mm outer diameter (OD) to match the required sample; capillary set; flat cells for liquid samples; sample holders.	**Yes**	Starting kit for EPR spectrometer SPINSCAN X for measuring liquid and solid samples contains the following set of glassware and accessories: - sample tubes set (3, 4 and 5 mm OD, 6 pcs/pck); - sample holders set (11/pck); - capillary set, 50µT (250/pck); - ref. material EPR intensity Mn2+ in MgO (1 pc); - Suprasil Aqueous Cell (flat cell) (1 pc); - Software package e-Spinoza v1.0 (for system control and date acquisition); - Service kit; - Operation and Service manuals
	work operation station with software dedicated to controlling the instrument and for automatic data acquisition, enabling export of graphs and data to other formats.	**Yes**	Work operation station (PC) with software e-Spinoza for controlling the instrument and for automatic data acquisition, enabling export of graphs and data to other formats. **Typically All in one, PC configuration:** CPU Core i3/i5, DDR 4 Gb, 500 Gb HDD, 23”, Wind. 10/11, Ethernet, Wi-Fi, USB
	Setup for quantitative evaluation of EPR spectra with reference-free system	**Yes**	The Software package e-Spinoza includes the script for quantitative evaluation of EPR spectra with reference-free system
	Software for simulation and fitting of EPR spectra of solution utilizing spin-trap library	**Yes**	Software package e-Spinoza has possibility to make by hand the simulation and fitting of EPR spectra of solution utilizing spin-trap library generated with free access software trusted EPR simulators for visualization and analysis of EPR spectra by interactive ways: the spectrum display has powerful features so you can zoom in/out, save spectra to overlap with other spectra, measure distances between peaks etc (Easyspin.org, www.eprsimulator.org/; http://sw.pharma.hr/EPRSIM/visualEPR.html#input_stuff). These software support the format data of Spinscan X spectrometer and allows the End-User to load experimental spectra

			without export to ASCII or txt and perform manipulations with spectra such as baseline correction, integration, etc., as well as simulations of free radicals and transient metal complexes EPR spectra by changing parameters - line width, g-factor, line shape.
	Warranty and service		
	Economic Operator shall provide warranty of the offered goods for a period of 24 months. Economic Operator will also guarantee the promptness of the service intervention over the course of the warranty period (within 10 working days at the latest after the report of a defect, by a visit of a service technician). Over the course of the warranty period, the individual defects must be removed within 15 working days at the latest after the start of their removal, unless persons authorized in technical matters of the contracting parties agree otherwise in a written form. Economic Operator also undertakes to perform free full service of the delivered equipment including software updates for the entire warranty period (free warranty service of delivered goods). The costs of performing a full warranty service of the delivered goods form part of the Economic Operator's tender price.	**Yes**	LINEV Systems EU UAB provides warranty of the offered EPR spectrometer SPINSCAN X for a period of 24 months. LINEV Systems EU UAB also guarantees the promptness of the service intervention over the course of the warranty period (within 10 working days at the latest after the report of a defect, by a visit of a service technician). Over the course of the warranty period, the individual defects must be removed within 15 working days at the latest after the start of their removal, unless persons authorized in technical matters of the contracting parties agree otherwise in a written form. LINEV Systems EU UAB performs free full service of the offered equipment including software updates for the entire warranty period 24 months: *Technical support & service online*. The costs of performing a full warranty service of the offered EPR spectrometer SPINSCAN X form part of the tender price of LINEV Systems EU.
	Conditions concerning the user support		
	The tender price must include remote basic operator training for the delivered device in the following scope: Operator onsite training for delivered goods in the minimal scope of 1 working day – 8 hours, for at least 3 persons of the Contracting Authority. Professionally qualified service technicians or application	**Yes**	The price of LS EU quote includes end-user training for the delivered device in the following scope: End-user on-site training for offered goods in the minimal scope of 2 working days – 16 hours, for at least 3 persons of the Contracting Authority. Professionally qualified service technicians and application

DBID: 5116
System number: P23V00000305
Under the Act: no. 134/2016 Coll.
Registration number in VVZ: Z2023-058585
Title: EPR spectrometer with accessories“„FoS/UPOL – Benchtop X-band EPR spectrometer with accessories“

	specialists will conduct initial operator training, which will include: - switching on/off the equipment including accessories - routine check of the operating parameters of the equipment - basic fault detection methodologies - performing experiments with provided accessories All training shall take place at the place of the device installation, unless agreed otherwise in writing by the persons authorized by the contracting parties to act in technical matters. All the costs related to the training as mentioned above (including the stay of service technicians, application specialists or specialists of the economic operators of the accessories), are paid by the Economic Operator.		specialist will conduct initial end-user staff training, which will include: - switching on/off the equipment including accessories - routine check of the operating parameters of the equipment - basic fault detection methodologies - performing experiments with provided accessories All training will take place at the place of the device installation, unless agreed otherwise in writing by the persons authorized by the contracting parties to act in technical matters. LS EU Quotation includes the Service part: -Technical support & service online, during warranty period; - On-site Installation 1 day & training 2 day. The cost of on-site Installation & training includes the travel and accommodation cost.

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QUOTATION
No. LS-11012024-CZ dd January 30, 2024

The Seller: LINEV Systems EU UAB
Address: Ryternos st. 3C, Biruliskiu village, Kaunas district. week, LT-54469, Lithuania
Contact person: [redacted]

#	Description	Qty	Unit price, Kč CZK	Total, Kč CZK
1	**Electron Paramagnetic Resonance Spectrometer SPINSCAN X**	1	**1 156 850**	**1 156 850**
1.1	**BASIC PACKAGE for EPR Spectrometer SPINSCAN X**: - Sample tubes set (3, 4 ,5 mm OD, 6 pcs./pck) - Sample holders set (11/pck) - Capillary set (250/ pck) - Sample Mn^{2+} in MgO (1 pc. - User manual (1 pc.) - Service kit (1 pc.)	1		included
1.2	***e-Spinoza* Software Package quantitative**	1		included
1.3	**Warranty** (2 years)	1		included
1.4	**Work Operation Station** *min conf. CPU Core i3/i5, DDR 4 Gb, 500 Gb HDD, 23”, Wind. 10/11, Ethernet, Wi-Fi, USB*	1		included
2.	**Automatic Temperature Control System TCS-01L* (-170C° -+200C°)** including**:** - Temperature controller TC-01(1 pc.) - LN Dewar 25l (1 pc.) - Cooler (1 pc.) - Quartz VT Dewar with built-in heater and thermocouple (1 pc.) - Desk (1 pc.) ** The system uses the LN and N2 (LSEU does not supply)*	1	335 000	included
3.	**Electrochemistry EC-EPR kit**: - Electrochemical cell (EC- EPR) - Potentiostat	1	139 800	included
4.	**LN Dewar flask, 50 ml**	1	39 750	included

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5.	**Flat cell, 70 ul**	1	34 950	included
6.	**Automated goniometer**	1	60 750	included
7.	**Photochemistry kit**: - UV- VIS Light Source - SMA 905 connector; - Optical fiber - Collimator lens; - Filters set	1	180 750	included
			Total, excluding VAT	1 947 850
8.	**Academic Discount (applicable for items 1,2)**		10%	(194 785)
	Service			
9.	**Technical support & service** online, during warranty period	1		included
10.	**On-site Installation and training**	1	60 285	included
11.	**Delivery &Insurance cost**	1	17 400	included
	TOTAL, DAP Olomouc University (Excluding VAT),			**1 830 750 Kč CZK (One million eight hundred thirty thousand and seven hundred fifty) Kč CZK**

Payment Terms	30 calendar days from the invoice date
Time of delivery	within 12 weeks after PO placement
Terms of delivery	DAP Olomouc, Czech Republic (Incoterms 2010)
The place of delivery:	Palacký University Olomouc, Faculty of Science, Department of Inorganic Chemistry, 17. listopadu 1192/12, 779 00 Olomouc, Czech Republic
Warranty Terms	24 months after delivery. On-line technical support is included.
Quotation Validity	Price for the public contract subject is a total and unbeatable, is set in accordance with the tender, is valid throughout the whole procurement proceedings and includes any and all costs of LS EU related to subject of the public contract

[redacted]