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Palacký University  
Olomouc

## PURCHASE CONTRACT

No. 003/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 Address: 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.: [REDACTED]  
(hereinafter referred to as „Buyer”)

and

**SELLER:** **OptiXs, s.r.o.**  
Legal Address: Křivoklátská 37/3, 199 00 Prague 9  
Registration in Companies Register: Commercial Registrar kept by the Municipal Court in Prague, C 212818  
Statutory body: Ing. Martin Klečka, CEO  
Person authorized to act in contractual matters: [REDACTED]  
Person authorized to act in technical matters: [REDACTED]  
Identification No.: 02016770  
Tax Identification No.: CZ02016770  
Bank Name: [REDACTED]  
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 – microfluidic pump kit**“ as the selected economic operator.

## I. Subject of the Contract

1. The Seller undertakes under this Contract to deliver to the Buyer **Microfluidic pump kit** (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 28 calendar days after the effective date of this Contract.
2. Place of delivery:  
Palacký University Olomouc, Faculty of Science, Department of Analytical Chemistry, 17. listopadu 1192/12, 779 00 Olomouc, Czech Republic.  
Person authorised to take over the delivery on the basis of a handover protocol: [REDACTED]  
[REDACTED] or a person authorised 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 **245.000,00 CZK without VAT**. The Seller is 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, licence 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 authorised to issue the invoice. Each invoice issued will bear the number of this Contract and name and 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 remote basic operator training, which is a condition for the due handover and reception of the Goods within the following scope: Operator remote training for delivered Goods in the minimal scope of 1 hour, 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
3. All training shall take place remotely (via videocall) unless agreed otherwise in writing by the persons authorised 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 authorised by the Buyer to act in technical matters.
4. All the costs related with the above-mentioned trainings 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 12 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. a response in less than 2 working days followed by a diagnosis through a remote session and if necessary shipment of the setup/faulty parts to service facility of Seller or visit by a 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 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 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 0,2 % 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, ie. 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 20.12.2023

In Olomouc, on 17.01.2024

In Prague, on 15.01.2024

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

.....  
Ing. Martin Klečka  
CEO of OptiXs, s.r.o.

## **“Microfluidic pump kit”**

The subject of delivery would be a microfluidic pump kit from FLUIGENT company. Fluigent company develops, manufactures, and commercializes microfluidic instruments, as a result of our internal research projects, mobilizing scientists and engineers teams in order to design instruments warranting optimum results for customers in the field of microfluidic.

The complete delivery will include the following items:

- 2x ELUPPU1000 LineUp Push Pull from 1000 mbar to -800 mbar
- 1x LU-SPK-0002 LineUP SUPPLY KIT - Pneumatic tubing and connector for FLOW EZ inlet pressure, power supply and its adaptor
- 1x LU-LNK-0002 LineUP LINK Module for PC communication and TTL
- 1x FLU-S-D Flow Unit (S) - Flow rate sensor; Range: 0-7 $\mu$ L/min for water or 0-70 $\mu$ L/min for hydrocarbons
- 1x FLU-M-D Flow Unit (M) - Flow rate sensor; Range: 0-80 $\mu$ L/min for water or 0-500 $\mu$ L/min for hydrocarbons
- 2x CTQ-KIT-FU2 Connecting Kit Flow Unit M - Kit for FLOW UNITS XS, S and M with 2 adapters for XP-235
- 1x 10000001 Pump kit - Air drier with manual regulator and 5 m connecting tube for pressure inlet

### **Technical specification of the microfluidic pump kit**

<b>Minimal requirements set by the Contracting Authority</b>	<b>Fulfilment of the parameter</b>
It must allow to connect up to 12 modules for pneumatically-driven pumping of liquid.	YES
Each pump module must work at least in the range of pressures from -800 mbar to 1000 mbar.	YES
The resolution of the output pressure sensor of the module has to be not more or equal to 0.03% of the sensor's full pressure range.	YES
The microfluidic pump kit should contain a power supply for connection to 230V AC power mains and a power supply adapter.	YES
The microfluidic pump kit should contain a controller module for communication with a computer via a USB port and for uploading the algorithm for subsequent independent control of pump modules. (computer not included)	YES
The controller module should be equipped with the interface for time synchronization of operations via digital inputs and outputs.	YES
The microfluidic pump kit should contain minimum two independent flow sensors for feedback-based flow rate regulation. Both sensors should have electric connections to respective pump modules ensuring feedback-based control.	YES

<p>The first flow sensor should have a flow measurement range of 10 nL/min – 7 uL/min (water), with an accuracy of at least or equal to 5% in the range 0.35 – 7 uL/min (water), at least or equal to of 20% in the range 1 – 70 uL/min (isopropanol). The inner diameter of the capillary for the first sensor should be less or equal to 150 um.</p>	<p>YES</p>
<p>The second flow sensor should have a flow measurement range of 60 nL/min – 80 uL/min (water), with an accuracy of at least or equal to 5% in the range of 2.4 – 80 uL/min (water), at least or equal to of 20% in the range 70 – 500 uL/min (isopropanol). The inner diameter of the capillary for the first sensor should be less or equal to 430 um.</p>	<p>YES</p>
<p>Pump modules and flow sensors should be equipped with suitable fittings, ferrules and capillary tubes. Pneumatic connectors for connecting pump modules to the pressure source and vacuum source should also be provided.</p>	<p>YES</p>

All the parameters are also mentioned in attached specs sheets.

The warranty for the microfluidic pump kit is 12 months after the date of delivery.

<p>Dodavatel:</p>  <p><b>OptiXs, s.r.o.</b> Křivoklátská 37/3 19900 Praha Česká republika IČO: 02016770, DIČ: CZ02016770, Telefon: Fax: Mobil: <span style="background-color: black; color: black;">XXXXXXXXXX</span> E-mail: WWW: <a href="http://www.optixs.cz">www.optixs.cz</a></p>	<p>Odběratel - sídlo: <b>Univerzita Palackého v Olomouci</b> <b>Křížkovského 511/8</b> <b>77147 Olomouc</b> <b>Česká republika</b></p> <p>IČO: 61989592, DIČ: CZ61989592</p>
<p>Forma úhrady: Způsob dopravy:</p> <p>Termín: Vystaveno: 19.12.2023</p>	<p>Poštovní adresa:</p> <p><b>Univerzita Palackého v Olomouci</b> <b>Křížkovského 511/8</b> <b>77147 Olomouc</b> <b>Česká republika</b></p> <p>Místo určení: Přírodovědecká fakulta Univerzita Palackého v Olomouci 17. listopadu 12 77146 Olomouc Česká republika</p> <p>Číslo poptávky:</p>

Označení dodávky	Množství MJ	Sleva [%]	Cena za MJ	Sazba DPH	Základ [Kč]	Celkem [Kč]
LineUp Push Pull1000/-800 ELUPPU1000	2,00 ks		76 434,00	21,00	152 868,00	184 970,28
LineUP SUPPLY KIT LU-SPK-0002	1,00 ks		4 230,00	21,00	4 230,00	5 118,30
LineUP LINK Module LU-LNK-0002	1,00 ks		13 130,00	21,00	13 130,00	15 887,30
FlowUnit (S) FLU-S-D	1,00 ks		28 852,00	21,00	28 852,00	34 910,92
FlowUnit (M) FLU-M-D	1,00 ks		28 852,00	21,00	28 852,00	34 910,92
Connecting KitFlow Unit S/M CTQ-KIT-FU2	2,00 ks		2 885,00	21,00	5 770,00	6 981,70
Pump Kit 10000001	1,00 ks		9 096,00	21,00	9 096,00	11 006,16
Delivery cost (packing, transport, insurance)	1,00 ks		2 202,00	21,00	2 202,00	2 664,42
<b>DOPRAVA</b>						

Termín dodání do 28 kalendářních dnů od uzavření kupní smlouvy.  
Splatnost faktury je 30 dní po dodání předmětu plnění, nebo dle uzavřených smluvních podmínek.  
Na předmět plnění se vztahuje záruka 12 měsíců od data předání.  
Návod k použití a další dokumentace k produktům jsou psány v angličtině.

## Rekapitulace DPH v Kč

Základ 0%	0,00	DPH 0%	0,00
Základ 10%	0,00	DPH 10%	0,00
Základ 15%	0,00	DPH 15%	0,00
Základ 21%	245 000,00	DPH 21%	51 450,00
Celkem	245 000,00		51 450,00

Základ [Kč]	<b>245 000,00</b>
Celkem [Kč]	<b>296 450,00</b>

**Registrace:**

Registrováno u Městský soud v Praze pod číslem C 212818 / Registered at City Court in Prague under n. 212818

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Razítko a podpis