

## Charles University, Faculty of Science

With its registered seat at: Albertov 6, 128 00 Praha 2  
Registration No.: 00216208, VAT No.: CZ00216208  
Represented by: prof. RNDr. Jiří Zima, CSc., dean of the faculty  
IBAN: CZ25 0100 0349 5609 2145 7021  
hereinafter referred to as the "buyer"

VZ/24/313

### SELLER

Represented by  
Registered seat at  
Mailing address  
Registered in

DONAU LAB, s.r.o.		
, managing director	Position	C 8703
Třebohostická 3069/14, 100 00 Praha	Reg. No.	452 44 651
	VAT No.	CZ452 44 651
Městský soud v Praze	Account number	CZ2101000000359270840297 KB, a.s.; 35-9270840297/0100

hereinafter referred to as the "seller"

## THE PURCHASE AGREEMENT

Seller's contract number .....

Buyer's contract number 240402\_1

### A. SPECIAL PART

<b>Grant</b>	The buyer is a recipient of a grant for the project entitled: Innovative synthetic methods enabled by transition metal catalysis and electrochemistry (reg. no. 24-12359M, GAČR Junior Star grant)		
<b>Description of goods</b>	New and unused R-300 with I-300 and V-300, F-305, FL1701 Further definition of the goods specified in the Annex 1 and 2.		
<b>Subject of the contract</b>	<b>by the seller</b> Transfer of ownership of the goods to the Buyer Delivery to the place of delivery Handover of the goods to the Buyer Warranty and post warranty service Handover of documents <b>by the buyer</b> Receipt of the goods at the point of delivery Payment of the purchase price		
<b>Delivery date</b>	<b>Not later than 10 weeks from the efficiency of the contract</b>	<b>Place of delivery</b>	<b>Hlavova 8, 128 00 Prague 2, Czech Republic</b>
<b>Purchase price without VAT</b>	890 808,00 Kč		
<b>Payment of invoices</b>	30 days after delivery	<b>Basic terms of payment</b>	- Advance is not provided - Payment after delivery of goods - Number of this contract must be on the invoice - The date of taxable supply on the invoice must be the same as the handover date on the handover protocol
<b>The warranty period</b>	<b>12 months</b>	<b>removal of defects warranty</b>	arrival at the workplace within 7 working days from the reporting of the warranty defect and repair within 35 working days from the reporting of the warranty defect (or longer in justified cases, for example in the case of waiting for the delivery of spare parts from the manufacturer).
<b>Place of removal of defects</b>	Hlavova 8, Prague or Třebohostická 14, Prague	<b>Contact for notification of warranty defects</b>	office-cz@donaulab.com
<b>Post-warranty service including:</b> <ul style="list-style-type: none"><li>- elimination of post-warranty defects within 35 working days of notification for the usual price at the place and time</li><li>- availability of spare parts for the device and their delivery within 10 weeks of ordering for the usual price at the place and time</li></ul>			Post-warranty service is provided for a period of 60 months from the end of the warranty period
<b>The seller hereby declares that at the time of concluding this contract, the following administrative proceedings are being conducted against him for breach of the obligations arising from labor law regulations and / or the anti-discrimination law / regulations<sup>1</sup>.</b>			NO PROCEEDINGS CONDUCTED
<b>Terms of sanctions</b>	- For delay with payment of financial performance interest on late payment 0.1 % of the owed amount (incl. VAT) for each day of delay. - For delay in delivery of goods a penalty of 0.1% of the purchase price (incl. VAT) for each day of delay. - For delay in removing reported warranty defects 0.3% of the purchase price (incl. VAT) for each failure to cure the defect and for each day delay.		

<sup>1</sup> Especially the Charter of Fundamental Rights of the European Union and/or European Convention on Human Rights

	<ul style="list-style-type: none"> <li>- For non-delivery of goods with parameters specified in Annex No. 1 and / or 2 in the amount of 15% of the purchase price (incl. VAT).</li> <li>- For delay in remedying the defect stated in the handover protocol CZK 3.000 for each day of delay and each defect.</li> <li>- Should the statement concerning administrative proceedings for breach of obligations arising from labor law regulations and / or from the anti-discrimination law / regulations proven false, for each individual case in the amount of CZK 5.000.</li> </ul>
<b>Annexes</b>	Annex No. 1: Absolute requirements Annex No. 2: Goods parameters specification - offer no. QUO-23922-D8C1P8-1
<b>Contact person of the seller</b>	Note: contact details will not be published in the register of contracts pursuant to Act No. 340 / 2015 Coll.
<b>Contact person of the buyer</b>	

## B. GENERAL PART

This part regulates detailed conditions of the purchase contract. The Part A defines basic conditions of this contract. In the event of any conflict between the Part A and the Part B of this contract, the Part A has precedence.

### I. Introductory provisions

- 1) The seller must deliver the new and unused goods and provide services associated with the delivered goods. If the contract is concluded on the basis of a selection or an award procedure the goods must have product properties and parameters required by the buyer in the tender conditions. Goods must fulfil the stated purpose. If the purpose is not expressly stated, it must fulfil the purpose which is determined by the way the goods are generally used.
- 2) The goods delivered contrary to the paragraph 1 of this Article shall be deemed defective.

### II. Invoicing and payment terms

- 1) The purchase price includes all costs and profit of the seller. The purchase price includes, in particular customs, taxation, banking and other fees, transport and installation of the goods, putting into a permanent operation, removal of packing material, an operator training and the costs for warranty service. The purchase price is fixed and complete and includes complete delivery.
- 2) The buyer shall pay the purchase price after receiving the goods and documents necessary for the operation of a device and the signature of the protocol of delivery and acceptance of goods on the basis of an invoice (the "*invoice*") with a maturity specified in the Part A of this contract that shall begin upon the delivery of the invoice to the buyer.
- 3) The day of payment of the purchase price shall be considered to be the day when the amount is debited from the account of the buyer in favour of the account of the seller stated on the invoice. The invoice must be in accordance with the generally binding legal regulations and according to the part A of this contract, shall contain the maturity date according to this contract and its annexes must contain a copy of the handover protocol signed by both parties. Should the invoice contain incorrect information or be incomplete, the buyer is entitled to return it to the seller for a revision or an amendment. In such case, a new maturity period runs from the date of delivery of the corrected invoice to the buyer.
- 4) In case of a risk that the buyer could be liable for unpaid VAT in the sense of § 109 of the VAT Act, the buyer is entitled to pay VAT to the deposit account according to § 109a of the VAT Act.

### III. Terms of delivery and transfer of title

- 1) The seller delivers and hands over the goods with proper accessories. Accessories especially comprise of the installation material, assembly jigs, connectors, jumper cables, user codes, passwords, etc.
- 2) A protocol about delivery and acceptance of the goods (hereinafter the "*handover protocol*") shall be drawn up and signed after the delivery and acceptance of the goods. Before handing over the goods, the seller demonstrates the functionality of the goods. If the responsibility to install the goods is part of this contract, the demonstration of its functionality shall take place after the installation of the goods and their commissioning according to the conditions of the manufacturer and the handover protocol shall be signed afterwards.
- 3) The buyer is obliged to accept the goods only if it is free of defects. The buyer is entitled to refuse defective goods. If the buyer accepts the goods with defects, the handover protocol shall state the defects and set a deadline for their removal. By taking over the goods with defects, the seller is not in delay with the delivery of the goods. The seller shall be entitled to the payment of the price and the guarantee shall begin to run only after the removal of all defects of the goods and the signature of the final handover protocol.
- 4) The seller agrees to deliver to the buyer the documents necessary for the proper use of the goods, for example appropriate approval certificates, declarations of conformity, instructions for usage and operation, assembly and installation instructions.
- 5) Risk of damage to the goods and the right of ownership to the goods passes to the buyer upon signing the handover protocol by both parties.
- 6) If the seller is required to install the product, the installation shall be completed immediately after the delivery of goods and without undue delay. The seller is obliged to perform the installation with professional care and warn the buyer about risks associated with the placement of goods. The seller is obliged to refuse an installation of the goods if the conditions specified by the manufacturer or by generally binding legal regulations for its implementation are not met. At the request of the seller, the buyer will sign the installation protocol after the installation. Such protocol is not a proof of receipt of the goods nor considers a reason for invoicing the purchase price.
- 7) If the seller is obliged to train operators, he must do so upon delivery, unless the parties agreed otherwise. The buyer is obliged to provide the seller with the necessary cooperation, in particular to determine the persons who shall participate in the training and ensure their participation in the training.
- 8) The contact persons specified in Part A of this Agreement are authorized to sign the installation and handover protocol. Contact person of the buyer is entitled to claim from defects of goods. If there are more contact persons, they are entitled to act individually.
- 9) The buyer is entitled to take over the partial performance. The seller will have the right to receive payment of partial performance, if so provided in the handover protocol. The amount of the price for partial performance may not exceed the amount corresponding to the ratio of the handed over part to the total part. Upon receipt of the partial performance, a deadline will be set for the delivery of the remaining performance. Such period may not exceed 30 days. The guarantee shall begin to run only after the delivery of the full performance.

#### **IV. Guarantee of quality (warranty)**

- 1) The seller provides the buyer a guarantee of quality (warranty) and post warranty service for the period specified in the Part A of this contract. The guarantee (warranty) begins upon the signing of handover protocol.
- 2) The seller guarantees that the product will have the usual characteristics or properties stated by the contract during the guarantee period.
- 3) Warranty service is provided free of charge by the seller and includes all costs associated with the warranty service, especially the costs of spare parts, travel and labour services of a technician.
- 4) The buyer announces warranty defects to the contact for notification of warranty defects or seller's Authorized person referred to in the Part A of this contract. Seller shall start examining and working on the removal of the claimed defects after the receipt of the notice of defects without undue delay. If the seller will not be able to remove the defects within the period of time provided for removal of warranty defects set out in the Part A of this contract, the seller will provide and deliver an adequate replacement device or devices that functionally replace the defective goods, until the defective goods are repaired and put into operation.
- 5) If the warranty defects are removed by the seller according to the Part A of this contract, the buyer sends notice along with the goods.
- 6) The warranty period does not run as long as the buyer cannot use the goods for its defects, for which the seller is accountable.
- 7) The warranty does not cover damage to the goods caused by an improper or incorrect installation or an incorrect operation contrary to the instructions given in the operating instructions, or an inadequate storage contrary to its technical characteristics.
- 8) The buyer is entitled to withdraw from the contract if he cannot deliver the notice of defects to the seller.
- 9) If the seller is in default with the removal of warranty defects, the buyer has the right to withdraw from the contract after providing an additional reasonable time for removal of defects.
- 10) In the event that the warranty defect is not repairable, the buyer is entitled to withdraw from the contract or to request the delivery of new goods.
- 11) In the case of an unjustified notice of defects the buyer pays the costs of removing defects.
- 12) The buyer has the right for the removal of defects even if the defects were knowable during the handover of the goods.
- 13) During the warranty period, the seller undertakes to carry out regular service inspections (safety checks) prescribed by the manufacturer and applicable legal regulations, including software updates, initial and subsequent validation or calibration of parameters, servicing necessary for warranty validity. Such acts shall be performed by the seller without the request of the buyer, including the delivery of the necessary material and spare parts, without any claim for further payment beyond the agreed purchase price.
- 14) The warranty period does not run for the period when the warranty defect is being removed, starting with the notification of the warranty defect and ending with the return of the repaired goods to the buyer. If new goods are handed over to the buyer instead of repairs, the warranty period for these new goods continues. The continuing warranty shall run for at least half of the warranty period agreed upon in this contract.

#### **V. Responsible public procurement**

- 1) The seller hereby declares that they are aware of the fact that the buyer is interested in realization of the public contract in accordance with the principles of socially responsible public procurement. The principles of environmentally responsible procurement and innovation are elaborated both in the wording of the entire tender documentation and in this contract. This article regulates socially responsible public procurement.
- 2) The seller is obliged to notify the buyer that a public authority (especially the State Labor Inspection Authority or regional inspectorates, the Regional Hygiene Station, etc. or another similar body abroad) has initiated proceedings against him for breach of labor law and / or anti-discrimination law /regulations throughout the duration of this contractual relationship, no later than 10 days from the delivery of the notice of initiation. Notice of the seller shall also include information on the date of the delivery of the notice of commencement of proceedings.
- 3) The seller is obliged to hand over to the buyer a copy of the final decision on terminating the proceedings pursuant to the previous paragraph of this Article, no later than 7 days from the date on which the decision takes legal effect. Simultaneously with a copy of the final decision, the Seller shall provide the Buyer with information on the date of entry into force of the decision.
- 4) Should the seller be convicted of a misdemeanour, administrative offense or other similar infringement within the proceedings pursuant to this Article, the seller is obliged to take adequate corrective measures and inform the buyer in writing about such measures, including methods of their implementation.
- 5) For the duration of this contractual relationship, the buyer is entitled to ask the administrative authorities competent to control the compliance with labour law and / or the anti-discrimination regulations whether administrative proceedings are being conducted with the seller regarding breaches of labour law and / or anti-discrimination law / regulations and to ask for all information concerning such proceedings.
- 6) Breach of the obligation specified in this article is considered to be a breach of contract with all the resulting consequences.

#### **VI. Final provisions**

- 1) Terms of sanctions are set out in the Part A of this contract. Contracting party is not obliged to pay a contractual penalty if the breach of duty assigned to it by this contract was caused by force majeure (including restrictions caused by the pandemic of the disease Covid-19).
- 2) If the goods or its part meet the criteria of a copyrighted work, the seller transfer to the buyer even the non-exclusive license to all types of usage of such work without the restrictions of time or spatial constraints. The buyer is not obliged to use the work. The price of the license is included in the purchase price.
- 3) Individuals who enter into this contract on behalf of each party signature the contract claim that they are entitled to make a valid contract.

- 4) The seller is not entitled without the prior written consent of the buyer to assign any rights or duties arising from this contract to a third party.
- 5) The seller agrees to cooperate with the control pursuant to Section 13 (3) of Act No.320/2001 Coll., on Financial Control. The seller further undertakes to provide cooperation during the control performed by the grant provider, the relevant Managing Authority of the Operational Programme, the Ministry of Finance, financial administration bodies, the Supreme Audit Office, the European Commission or the European Court of Auditors, or other bodies authorized to perform such control. The seller is obliged to bind their potential subcontractors to comply with this obligation of cooperation. The Seller further undertakes to respect the rules of the operational project, including the rules for publicity on the part of the Buyer, and to archive all documents prepared for the performance of the subject under this Agreement and to enable the persons authorized to carry out the inspection of the project, from which the performance is paid for under this Agreement, to carry out an inspection of related documents with this performance, for the entire project archiving period, but at least until the end of 2036. The Buyer is entitled to receive the above-mentioned documents from the Seller free of charge after 10 years from the end of the performance according to this Agreement.
- 6) The seller undertakes to fulfill this contract in accordance with international sanctions.
- 7) This contractual relationship should be governed by these documents with descending importance:
  - a) This contract;
  - b) Annexes to this contract;
  - c) Tender documentation, if the seller was selected in a tender;
  - d) Offer of the seller;
  - e) General terms and conditions of the seller.
- 8) This contract can only be modified by numbered amendments in writing signed by both parties. Such changes shall be made analogously pursuant to Section 222 of the Act No. 134/2016 Coll., Public Procurement Act.
- 9) The buyer excludes the possibility of accepting the draft contract with amendments or deviations in the sense of Section 1740 (3) of the Civil Code.
- 10) This Contract shall enter into force upon a signature by both parties. If this contract is subject to the publication pursuant to the Act No. 340/2015 Coll., it shall enter into effect upon publication of the contract. The seller acknowledges that the buyer is obliged to publish all contracts including its annexes and any amendments if the price of performance is greater than 50 000 CZK without VAT. The seller agrees that the buyer discloses the contract pursuant to the Act No. 340/2015 Coll. or/and also according to the Act No. 134/2016 Coll. as a whole, because there is no information in the contract which disclosure would be an unlawful interference with the rights and obligations of the seller or its employees. The seller agrees that the contract will be disclosed, including manual signatures of representatives of the parties.
- 11) The contracting Parties agree that the rights and obligations of this agreement shall be governed by the Civil Code of the Czech Republic. The contracting parties agree that the rights and obligations not regulated by this contract are governed by the Public Procurement Act and the Civil Code.
- 12) Contract is in paper form, it will be written in two counterparts. Each of the contracting Parties shall receive one counterpart.
- 13) The contracting Parties declare that they have read this Agreement, and that it was made after mutual negotiation using their free, serious, determinate and comprehensible will, not in distress or grossly disadvantageous conditions.

In Prague on .....

In Prague on 2.4.2024

Buyer:

Seller:

.....  
**Charles University, Faculty of Science**  
 prof. RNDr. Jiří Zima, CSc.  
 Dean of the faculty

**DONAU LAB, s.r.o.**  
 Managing director

**Annex No. 1**

<b>Absolute (minimal) technical parameters</b>			
<b>Rotary evaporator systems and recirculating coolers</b>			
	<b>Name of a technical parameter including required upper/lower limits</b>	<b>The supplier complies YES/NO</b>	<b>Any specification of the offered product<sup>1</sup></b>
1.	„Rotary evaporator systems“ (3 systems in total). Each system is composed of a rotary evaporator (RE), a water bath (WB), a controlling interface (I) and a vacuum pump (VP) (3 complete systems RE+WB+I+VP in total, i.e. 3x RE, 3x WB, 3x I, 3x VP). All the components are compatible (same manufacturer) and feature the following technical parameters.	<b>YES</b>	<b>Part of offer</b>
2.	<b>RE</b> – rotation speed 10 to 280 rpm.	<b>YES</b>	<b>Part of offer</b>
3.	<b>RE</b> – manual lift	<b>YES</b>	<b>Part of offer</b>
4.	<b>RE</b> – includes a vertical condenser, 1 liter receiving and evaporating flask, vapor duct, multifunctional combi-clip, and other basic accessories allowing immediate operation	<b>YES</b>	<b>Part of offer</b>
5.	<b>RE</b> – plastic glass coating which guarantees safety	<b>YES</b>	<b>Part of offer</b>
6.	<b>RE</b> – immersion angle adjustable within 7-stages enables the use of different flask sizes	<b>YES</b>	<b>Part of offer</b>
7.	<b>RE</b> – manual lift of the flask	<b>YES</b>	<b>Part of offer</b>
8.	<b>RE</b> – large top hole with a screw cap which allows easy cleaning of the condenser	<b>YES</b>	<b>Part of offer</b>
9.	<b>RE</b> – maximum weight 13.5 kg	<b>YES</b>	<b>Part of offer</b>
10.	<b>RE</b> – maximum dimensions 400 x 615 x 320 mm	<b>YES</b>	<b>Part of offer</b>
11.	<b>RE</b> – protection rating IP21	<b>YES</b>	<b>Part of offer</b>
12.	<b>RE</b> – immersion angle 10–50°	<b>YES</b>	<b>Part of offer</b>
13.	<b>RE</b> – vertical adjustment range 220 mm	<b>YES</b>	<b>Part of offer</b>
14.	<b>RE</b> – limit position detection adjustment range 100 mm	<b>YES</b>	<b>Part of offer</b>
15.	<b>RE</b> – maximum flask capacity 3 kg	<b>YES</b>	<b>Part of offer</b>
16.	<b>WB</b> – stainless steel heating bath for water or oil, detachable, for individual application	<b>YES</b>	<b>Part of offer</b>
17.	<b>WB</b> – regulated temperature ranges up to 220 °C, regulation precision ± 1 ° C at 95 °C	<b>YES</b>	<b>Part of offer</b>

<sup>1</sup> The supplier shall specify the parameters in a separate chapter of his offer

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18.	<b>WB</b> – maximum flask volume: 5 l, bath volume: 5.5 l	<b>YES</b>	<b>Part of offer</b>
19.	<b>WB</b> – overheating protection	<b>YES</b>	<b>Part of offer</b>
20.	<b>WB</b> – cuts off power when actual temperature exceeds set temperature and when temperature rapidly increases	<b>YES</b>	<b>Part of offer</b>
21.	<b>WB</b> – two integrated laterally ergonomically designed carry handles	<b>YES</b>	<b>Part of offer</b>
22.	<b>WB</b> – key-button locking functions - locks the set temperature of the heating bath and prevents accidental change of set conditions during process	<b>YES</b>	<b>Part of offer</b>
23.	<b>WB</b> – fast communication – wireless communication with <b>RE</b>	<b>YES</b>	<b>Part of offer</b>
24.	<b>WB</b> – digital LCD screen – displays all operating parameters (indicates set and actual values of heating bath temperature, rotation speed) and enables	<b>YES</b>	<b>Part of offer</b>
25.	<b>WB</b> – maximum weight 4.2 kg	<b>YES</b>	<b>Part of offer</b>
26.	<b>WB</b> – maximum dimensions 307 x 202 x 275 mm	<b>YES</b>	<b>Part of offer</b>
27.	<b>I</b> – LCD screen – displays all operation and set parameters, controlled by a rotary knob / button	<b>YES</b>	<b>Part of offer</b>
28.	<b>I</b> – can be easily attached to the rotavap, the pump or a stand	<b>YES</b>	<b>Part of offer</b>
29.	<b>I</b> – audible signal is sounded after termination of distillation	<b>YES</b>	<b>Part of offer</b>
30.	<b>I</b> – solvent library – list of common solvents which enables to start distillation process directly after choosing solvent from the library	<b>YES</b>	<b>Part of offer</b>
31.	<b>I</b> – leak test (integrated test checks system for possible leaks)	<b>YES</b>	<b>Part of offer</b>
32.	<b>I</b> – remote monitor app – offers monitoring of process parameters for PCs and mobile devices and notifies the user when the process is finished	<b>YES</b>	<b>Part of offer</b>
33.	<b>I</b> – overpressure prevention – automatic aeration when pressure is above 1300 mbar (adjustable between 1300 and 1000 mbar)	<b>YES</b>	<b>Part of offer</b>
34.	<b>I</b> – ECO mode shuts down activity of bath and chiller, hence lowers energy consumption if system remains inactive for a predefined time period	<b>YES</b>	<b>Part of offer</b>
35.	<b>I</b> – manual management of pressure settings, timer function	<b>YES</b>	<b>Part of offer</b>
36.	<b>VP</b> – chemically resistant pump	<b>YES</b>	<b>Part of offer</b>
37.	<b>VP</b> – suction capacity 1.8 m <sup>3</sup> /h	<b>YES</b>	<b>Part of offer</b>
38.	<b>VP</b> – final vacuum (absolute) 5 mbar ± 2 mbar	<b>YES</b>	<b>Part of offer</b>
39.	<b>VP</b> – sound level: 32 – 57 dBA (depending on operating mode)	<b>YES</b>	<b>Part of offer</b>

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40.	<b>VP</b> – inspection window at the front side allows to observe the two pump heads and membranes for eventual dirt particles	<b>YES</b>	<b>Part of offer</b>
41.	<b>VP</b> – maximum speed 1500 rpm	<b>YES</b>	<b>Part of offer</b>
42.	<b>VP</b> – maximum weight 7.6 kg	<b>YES</b>	<b>Part of offer</b>
43.	<b>VP</b> – maximum dimensions 200 x 321 x 291 mm	<b>YES</b>	<b>Part of offer</b>
44.	<b>Foam sensor</b> (1 item) – prevents sample from foaming into the condenser by aeration of system temporarily. Fully compatible with <b>RE</b> (same manufacturer).	<b>YES</b>	<b>Part of offer</b>
45.	Recirculating cooler/chiller 1 ( <b>RC1</b> ), 1 item, for use with <b>RE</b> , with the following parameters. To ensure compatibility, <b>RC1</b> must be produced by the same manufacturer as the <b>RE+WB+I+VP</b> system.	<b>YES</b>	<b>Part of offer</b>
46.	<b>RC1</b> – cooling capacity at 15 °C 550 W	<b>YES</b>	<b>Part of offer</b>
47.	<b>RC1</b> – temperature range -10 to +25 °C	<b>YES</b>	<b>Part of offer</b>
48.	<b>RC1</b> – tank capacity 3.0 L	<b>YES</b>	<b>Part of offer</b>
49.	<b>RC1</b> – pump pressure 0.6 bar	<b>YES</b>	<b>Part of offer</b>
50.	<b>RC1</b> – pump delivery rate 2.5 L/min	<b>YES</b>	<b>Part of offer</b>
51.	<b>RC1</b> – maximum dimensions 280 × 500 × 400 mm	<b>YES</b>	<b>Part of offer</b>
52.	<b>RC1</b> – maximum weight 31 kg	<b>YES</b>	<b>Part of offer</b>
53.	<b>RC1</b> – compatible with and controlled by the interface <b>I</b> (settings, actual temperature), i.e. <b>RC1</b> is produced by the same manufacturer as <b>I</b>	<b>YES</b>	<b>Part of offer</b>
54.	<b>RC1</b> – temperature setting in 0,1 °C increments	<b>YES</b>	<b>Part of offer</b>
55.	<b>RC1</b> – actual and set temperatures are shown on the integrated display	<b>YES</b>	<b>Part of offer</b>
56.	<b>RC1</b> – set temperature can be locked to avoid unintentional changes	<b>YES</b>	<b>Part of offer</b>
57.	<b>RC1</b> – ECO mode switches the chiller into a stand-by mode when not in use	<b>YES</b>	<b>Part of offer</b>
58.	Recirculating cooler/chiller 2 ( <b>RC2</b> ), 1 item, for use with <b>RE</b> , with the following parameters. <b>RC2</b> can be produced by a different manufacturer as the <b>RE+WB+I+VP</b> system.	<b>YES</b>	<b>Part of offer</b>
59.	<b>RC2</b> – working temperature ranging from -20 °C to +40 °C	<b>YES</b>	<b>Part of offer</b>
60.	<b>RC2</b> – temperature stability +/-0.5 °C	<b>YES</b>	<b>Part of offer</b>
61.	<b>RC2</b> – display resolution 0.1 °C, LED display	<b>YES</b>	<b>Part of offer</b>



**Annex No. 1**

62.	<b>RC2</b> – cooling capacity 1.7 kW/+20 °C; 1.1 kW/0 °C; 0.4 kW/-20 °C	<b>YES</b>	<b>Part of offer</b>
63.	<b>RC2</b> – pump capacity flow rate 23 l/min, pump capacity flow pressure 1 bar	<b>YES</b>	<b>Part of offer</b>
64.	<b>RC2</b> – filling volume 12-17 liters	<b>YES</b>	<b>Part of offer</b>
65.	<b>RC2</b> – ambient temperature ranging from +5 to +40 °C	<b>YES</b>	<b>Part of offer</b>
66.	<b>RC2</b> – maximum dimensions 50 x 76 x 64 cm	<b>YES</b>	<b>Part of offer</b>
67.	<b>RC2</b> – maximum weight 85 kg	<b>YES</b>	<b>Part of offer</b>
68.	<b>RC2</b> – cooling medium water or water/glycol mixture	<b>YES</b>	<b>Part of offer</b>
69.	<b>RC2</b> – stainless steel bath tank, filling level indication	<b>YES</b>	<b>Part of offer</b>
70.	<b>RC2</b> – microprocessor PID regulator	<b>YES</b>	<b>Part of offer</b>
71.	<b>RC2</b> – air compressor cooling	<b>YES</b>	<b>Part of offer</b>
72.	The supplier directly provides warranty and post-warranty service by trained personnel (documented by confirmation or certificate) for all requested devices and equipment (RE, WB, I, VP, foam sensor, RC1, RC2).	<b>YES</b>	<b>Part of offer</b>
73.	The supplier guarantees with a certificate his authorization to sell and service all requested devices and equipment (RE, WB, I, VP, foam sensor, RC1, RC2).	<b>YES</b>	<b>Part of offer</b>

**Offer no. QUO-23922-D8C1P8-1****Rotary evaporator systems and recirculating coolers****Dodavatel:**

DONAU LAB, s.r.o.  
Třebohostická 14  
100 00 Praha 10  
Česká republika  
IČO: 45244651 DIČ: CZ45244651

**Zadavatel:**

Přírodovědecká fakulta, Univerzita Karlova  
Hlavova 2030/8  
128 00 Praha 2  
IČO: 00216208

Výrobce: Büchi Labortechnik, Julabo

#	Kód	Produkt	Cena/ks	Ks	Sleva	Celkem
1	11SR300151VS01	Rotavapor R-300 B-305, SJ29/32, V, P+G, Woulff bottle, I-300, V-300, 230V				
2	9661017	Recirculating cooler FL1701, Julabo				
3	11061167	Foam sensor, incl. handle				
4	11SR300151VS01	Rotavapor R-300 B-305, SJ29/32, V, P+G, Woulf bottle, I-300, V-300, 230V				
5	11F30501	Recirculating chiller F-305				

Mezisoučet	878 808,00 Kč
Doprava, pojištění, clo	12 000,00 Kč
<b>Cena celkem bez DPH</b>	<b>890 808,00 Kč</b>
DPH (21 %)	187 069,68 Kč
Cena celkem s DPH	1 077 877,68 Kč

Datum vystavení: 18. 3. 2024  
Platnost nabídky: po dobu dvou měsíců od uplynutí lhůty pro podání nabídky.  
Dodací lhůta: do 10 týdnů  
Dodací podmínky: DDP (Praha)  
Platební podmínky: faktura se splatností 30 dní  
Záruční lhůta: 12 měsíců

### Evaporator R-300

- rotational speeds from 10 to 280 rpm / min.
- manual lift
- Includes vertical cooler, 1L capture and vaporizing flask, vapour duct, multi-function combi-clip (fixing vaporizing flask, easy removal) and other small accessories for immediate operation
- Plastic-coated glass - guarantees operator safety
- adjustable angle in 7 positions to allow the use of flasks of different sizes
- manual lifting of the flask
- easy cleaning of the cooler (large top opening with screw cap)
- weight 13,5kg, dimensions 400 x 615 x 320 mm
- protection class IP21
- immersion angle 10 - 50°
- vertical adjustment range 220 mm
- limit position detection adjustment range 100 mm
- maximum flask capacity 3 kg



### Water bath B-305

- Heated water and oil bath in stainless steel, removable, self-operating
- Controlled temperature range up to 220°C, accuracy  $\pm 1^\circ\text{C}$  at 95°C
- max. flask volume: 5 l, bath volume 5.5 l
- overheating protection - interruption of power supply in case the actual temperature exceeds the set temperature or in case of a sharp temperature rise
- two integrated ergonomic handles for easy carrying
- locking function - locking the heating bath temperature set point prevents accidental change of set conditions during the process
- fast communication - wireless connection between the bath and the evaporator
- digital LCD display- displays all operating parameters (set and current temperature, pressure setting, rotation speed,...) and allows the user to easily monitor all parameters
- weight 4,2kg, dimensions 307x202x275mm

### Interface I-300

- LCD display - shows all operating and set parameters, knob control
- can be easily connected to a vaporizer, pump or stand
- audible signal at the end of distillation
- solvent library - internal list of common solvents allows you to start the distillation process directly by selecting the appropriate solvent
- parts library, leak test (allows you to check the tightness of the system)
- remote monitoring (APP) - allows to monitor the current distillation status remotely via smartphone/tablet and informs the user when the process is finished
- overpressure prevention Automatic venting at pressures above 1300 mbar (adjustable from 1300 - 1000 mbar)



## Annex No. 2

- ECO mode Shuts down the operation of the bath and cooling equipment, thus reducing energy consumption if the system remains idle for a predefined period of time.
- Manual vacuum control, timer function

### Vacuum pump V-300

- chemically resistant pump
- suction volume 1.8m<sup>3</sup>/h, final (absolute) vacuum 5 mbar ± 2 mbar
- low noise level: 32-57 dBA (depending on mode)
- Inspection window on the front allows visual observation of the two heads and diaphragms and early detection of any dirt clogging
- maximum speed 1500 rpm
- weight 7.6kg, dimensions 200x321x291mm



### Foam sensor

- automatic system aeration when foam is detected and back-vacuuming of the system when no foam is present. Designed for use with the I-300/I-300 Pro

### FL1701 Recirculating cooler

- operating temperature range -20°C to +40°C
- Temperature stability +/-0.5°C
- display resolution 0.1°C, LED display
- cooling capacity 1.7kW/+20°C, 1.1kW/0°C, 0.4kW/-20°C
- pump flow 23 l/min, pump pressure 1 bar
- filling volume 12-17 litres
- operating ambient temperature +5 to +40°C
- dimensions 50 x 76 x 64 cm, weight 85 kg
- heat transfer medium water or water-glycol mixture, stainless steel tank, fill indicator, microprocessor PID-controller, air cooling of compressor



### F-305 recirculating chiller:

- Cooling capacity at 15 °C 550W
- temperature range -10 to +25 °C
- tank capacity 3 L
- pump pressure 0.6 bar
- flow rate 2.5 L/min
- dimensions 280 × 500 × 400 mm
- weight 31 kg
- fully controllable via I-300/I-300 Pro spray controllers (settings, temperature display)
- Temperature adjustment in 0.1 °C steps
- Actual and set temperature is displayed on the integrated display
- The set temperature can be locked against unintentional change
- ECO mode, which switches the cooling device to standby mode when not in use

