

Buyer's Contract No.: S24/157H

PURCHASE CONTRACT

This purchase contract ("Contract") was concluded pursuant to section 2079 *et seq.* of the act no. 89/2012 Coll., Civil Code, as amended ("Civil Code"), on the day, month and year stated below by and between:

(1) **Institute of Physics of the Czech Academy of Sciences, public research institution**

with its registered office at: Na Slovance 2, Praha 8, 182 00, Czech Republic

registration no.: 68378271

represented by: RNDr. Michael Prouza, Ph.D. – director

(„Buyer”); and

(2) **Narran s.r.o.**

with its registered office at: Bayerova 802/33, 602 00 Brno

registration no.: 01835483

represented by: Ing. Pavel Dvořáček

enrolled in the commercial registered kept by Regional Court in Brno,

file number C 79323

(„Seller”).

(The Buyer and the Seller are hereinafter jointly referred to as „Parties” and individually as “Party”.)

WHEREAS

- (A) The Buyer is the owner and operator of the HiLASE research facility. For the operation of the facility it is necessary to purchase the Object of Purchase (as defined below).
- (B) The Seller wishes to provide the Object of Purchase to the Buyer for consideration.
- (C) The Seller's bid for the public procurement entitled „*High-power ps fiber laser for material processing*”, which purpose was to procure the Object of Purchase („Public Procurement”), was selected by the Buyer as the most advantageous.
- (D) The Seller acknowledges that the Buyer is not in connection to the subject matter of this Contract, an entrepreneur, and also that the subject matter of this Contract is not related to any business activities of the Buyer.
- (E) The documentation necessary for the execution of the Contract is

- Technical Specification, which forms an integral part hereof as its Annex No. 1 to this Contract (hereinafter the “TS”); this TS also formed a part of the tender documentation for the Public Procurement as Annex No. 1,
- Technical Specification submitted by the Seller during the Public Procurement as a part of the Seller’s Bid, this document forms an integral part hereof as its Annex No. 2 to this Contract.

IT WAS AGREED AS FOLLOWS:

1. BASIC PROVISIONS

- 1.1 Under this Contract, the Seller shall deliver to the Buyer a high-power pulsed picosecond fiber laser for material processing as described in detail in Annex 1 (Technical Specification) to this Contract in the required quality, and with the properties and related performance described therein („**Object of Purchase**”) and shall transfer to the Buyer ownership right to the Object of Purchase, and the Buyer shall take over the Object of Purchase and shall pay the Seller the Purchase Price (as defined below), all under the terms and conditions stipulated in this Contract.
- 1.2 Under this Contract the Seller shall also carry out the following activities („**Related Activities**”):
 - a) Transport of the Object of Purchase to the place of delivery (Art. 2.2 of the Contract);
 - b) Provide the Buyer with a certificate of conformity for CE marking;
 - c) Provide the Buyer with the Operating and Maintenance manuals, in English in reproducible form; and
 - d) Cooperate with the Buyer anytime during the performance of this Contract.

2. THE TIME AND PLACE OF DELIVERY

- 2.1 The Seller shall deliver the Object of Purchase and shall carry out Related Activities stated in Art. 1.2 a) within **4 months from the conclusion of this Contract**. The Buyer is entitled to prolong the delivery deadline by maximum four (4) more weeks, should there be important reasons for that on the side of the Buyer, such as, but not limited to, incapability to take over the Object of Purchase in the place of delivery (Art. 2.2 of this Contract) due to reconstruction works taking place there.
- 2.2 The place of delivery shall be Fyzikální ústav AV ČR, v.v.i - HiLASE Centrum, Za Radnicí 828, 252 41 Dolní Břežany, Czech Republic or any other address in Dolní Břežany, Czech

Republic, which the Buyer communicated to the Seller prior to the delivery of the Object of Purchase.

- 2.3 The Seller acknowledges that the deadlines stated in this Article are of essential importance to the Buyer with respect to the timeline of subsequent project activities, and that the Buyer could incur damage as a result of any delay.

3. THE OWNERSHIP RIGHT

The ownership right to the Object of Purchase shall be transferred to the Buyer upon the signature of the Hand – over protocol (delivery note).

4. PRICE AND PAYMENT TERMS

- 4.1 The purchase price for the Object of Purchase is **90 800 EUR („Purchase Price”)** **excluding VAT**. VAT shall be set and paid in accordance with respective legislation.
- 4.2 The Purchase Price cannot be exceeded and includes all costs and expenses of the Seller related to the performance of this Contract. The Purchase Price includes, among others, all expenses related to the delivery, the handover of the Object of Purchase and execution of Related Activities, costs of copyright, insurance, customs, warranty service and any other costs and expenses connected with the performance of this Contract.
- 4.3 The Buyer shall realize payment on the basis of a duly issued invoice within thirty (30) calendar days from its receipt. If the Seller stipulates any shorter due period of the invoiced amount in the invoice, such different due period shall not be deemed relevant and the due period stipulated herein prevails. The invoice shall be issued only after the Hand – over protocol signature.
- 4.4 The invoice issued by the Seller as a tax document must contain all information required by the applicable laws of the Czech Republic. Invoice issued by the Seller in accordance with this Contract shall further contain the following information:
- a) Registration number of this Contract, which the Buyer shall communicate to the Seller based on Seller's request before the issuance of the invoice,
- and must also comply with any double taxation treaties applicable to the given case. The Buyer shall advise the Seller on proper contents of invoices in advance if required.
- 4.5 Seller shall issue an electronic invoice and send it to following e-mails [REDACTED] and [REDACTED] for preliminary check. After the preliminary check the Seller shall send the final electronic invoice to [REDACTED].

5. SELLER'S RIGHTS AND DUTIES

- 5.1 The Seller shall communicate effectively (as defined below) with the Buyer at all stages of this Contract in order to resolve any technical issues or problems that arise in a timely and efficient manner.
- 5.2 The Seller shall ensure that the Object of Purchase and Related Activities are in compliance with this Contract including all its annexes and applicable legal (e.g. safety), technical and quality norms.
- 5.3 During the performance of this Contract, the Seller proceeds independently. If the Seller receives instructions from the Buyer, the Seller shall follow such instructions unless these are against the law or in contradiction to this Contract. If the Seller, while exercising due professional care, finds out or should have found out that the instructions are for any reason inappropriate or illegal or in contradiction to this Contract, then the Seller must notify the Buyer.
- 5.4 All things necessary for the performance of this Contract shall be procured by the Seller, unless this Contract stipulates otherwise.

6. HANDOVER OF THE OBJECT OF PURCHASE

- 6.1 Handover and takeover of the Object of Purchase shall be realized on the basis of hand-over protocol ("**Hand – over protocol**") after delivery of the Object of Purchase to the place of delivery which shall contain following information:
 - identification of the Seller, the Buyer and all subcontractors, if there are any,
 - identification of the Object of Purchase,
 - the list of defects and deficiencies of the Object of Purchase, if there are any, and the deadlines for their removal,
 - the signature and the date of the hand-over.
- 6.2 Instructions and manuals and certificate of conformity for CE marking related to all items of the Object of Purchase shall be attached to the Handover Protocol at the latest.
- 6.3 If the Seller fails to duly carry out all Related Activities or if the Object of Purchase does not fully meet requirements of this Contract, the Buyer is entitled to refuse the takeover of the Object of Purchase. In such a case, the Seller shall remedy the deficiencies within thirty (30) calendar days, unless Parties agree otherwise. The Buyer is entitled (but not obliged) to take over the Object of Purchase despite the above mentioned deficiencies, in particular if such deficiencies do not prevent the Buyer from the proper operation of the Object of Purchase. In

such a case, the Seller and the Buyer shall list the deficiencies in the Hand-over protocol, including the manner and the date of their removal (remedy). If the Parties do not reach agreement in the Hand-over protocol regarding the date of the removal, the Seller shall remove the deficiencies within fourteen (14) calendar days.

6.4 Parties hereby exclude application of section 2126 of the Civil Code.

7. WARRANTY

- 7.1 The Seller hereby provides a warranty of quality of the Object of Purchase for the period of 12 calendar months.
- 7.2 The warranty period shall commence on the day of the signature of the Hand-over protocol by both Parties. However, if the Object of Purchase is taken over with defects or deficiencies or the Seller fails to carry out any Related Activity stipulated in Art. 1.2 hereof, the warranty period shall commence on the date of the removal of the last defect or deficiency by the Seller.
- 7.3 The Seller shall remove defects that occur during the warranty period free of charge.
- 7.4 If the Buyer ascertains a defect of the Object of Purchase during the warranty period, the Buyer shall notify such defect without undue delay to the Seller (“**Warranty Claim**”). Defects may be notified on the last day of warranty period, at the latest; an email is considered an adequate way to initiate a Warranty Claim. Warranty Claim sent by the Buyer on the last day of the warranty period shall be deemed to be made in time.
- 7.5 The Buyer notifies defects in writing via e-mail. The Seller shall accept notifications of defects on the following e-mail address: [REDACTED] .
- 7.6 In the Warranty Claim the Buyer shall describe the defect and the manner of removal of the defect. The Parties shall agree on the manner of defect’s removal. If the Parties do not reach the agreement, the Buyer has the right to:
- a) request the removal of the defect by the delivery of a new Object of Purchase or its individual parts, or
 - b) request the removal of the defect by repair, or
 - c) request an adequate discount from the Purchase Price.

The choice among the above-mentioned rights shall be made by the Buyer, who shall take into account reasonable balance between economic perspective of the Seller and Buyer’s project work planning. However, in case of a removable defect that occurs for the first time the Buyer shall not request removal of the defect by delivery of new Object of Purchase or its individual parts.

- 7.7 The Seller shall remove the defect within thirty (30) calendar days from the date on which the Warranty Claim was notified to the Seller, at the latest, unless the Buyer and the Seller agree otherwise. In cases when the Seller will not recognize the defect and the Buyer will not agree with such conclusion, the validity of the Warranty Claim shall be ascertained by an expert, which is to be commissioned by the Buyer but with whom the Supplier also must agree. In the event the expert declares the Warranty Claim as justified, the Seller shall bear the costs of the expert's assessment. If the Warranty Claim is raised unjustly according to expert's assessment, the Buyer shall reimburse the Seller all reasonably incurred costs associated with removing the defect.
- 7.8 The Seller shall remove defects of the Object of Purchase within periods stated in the Contract also in the instances when the Seller is of the opinion that he is not liable for such defects. In cases when the Seller will not recognize the defect and the Buyer will not agree with such conclusion, the validity of the Warranty Claim shall be ascertained by an expert, which is to be commissioned by the Buyer but with whom the Supplier also must agree. In the event the expert declares the Warranty Claim as justified, the Seller shall bear the costs of the expert's assessment. If the Warranty Claim is raised unjustly according to expert's assessment, the Buyer shall reimburse the Seller all reasonably incurred costs associated with removing the defect.
- 7.9 Parties shall execute a protocol on the removal of the defect, which shall contain the description of the defect and the confirmation that the defect was removed. The warranty period shall be extended by the time that expires from the date of exercising the Warranty Claim until the defect is removed in cases where the Buyer was prevented from using the Object of Purchase for its intended purpose.
- 7.10 In case that the Seller fails to remove the defect within time stipulated in this Contract or if the Seller refuses to remove the defect, then the Buyer is entitled to remove the defect at his own costs and the Seller shall reimburse these costs within thirty (30) calendar days after the Buyer's request to do so.
- 7.11 The warranty does not cover defects caused by unprofessional handling or by the failure to follow Seller's instructions for the operation and maintenance of the Object of Purchase.
- 7.12 Parties exclude application of the section 1925 (the sentence behind semi-colon) of the Civil Code.

8. **TERMINATION, RIGHT OF WITHDRAWAL, CONTRACTUAL PENALTIES**

- 8.1 This Contract may be terminated by completing the performance required hereunder, by agreement of the Parties or by withdrawal from the Contract on the grounds stipulated by law or in the Contract.
- 8.2 The Buyer is entitled to withdraw from this Contract, if any of the following circumstances occur:
- (a) the Seller has materially breached obligations imposed by the Contract, specifically by being in delay with the fulfillment of this Contract by more than 1 month; or
 - (b) the Seller has materially breached obligations imposed by the Contract, specifically Object of Purchase fails to meet technical parameters and qualities or other requirements defined in the Annex 1 (Technical Specification);
 - (c) the insolvency proceeding is initiated against the Seller's assets;
 - (d) the financial source for this Public Procurement becomes unavailable, however Buyer hereby declares that the financial cover is available at the time of signing this Contract; or
 - (e) should it become apparent that the Seller provided information or documents in the Seller's bid, which were untrue and which could, therefore, influence the outcome of the Procurement Procedure leading to the conclusion of this Contract.
- 8.3 The withdrawal becomes effective by the moment of its delivery to the other Party.
- 8.4 The Seller is entitled to withdraw from the Contract in the event of material breach of the Contract by the Buyer and in case of events outside the control of the Seller (e.g. natural disasters, etc.).
- 8.5 In the event the Seller is in delay with term of delivery of the Object of Purchase as stipulated in Art. 2.1 hereof for more than ten (10) working days, the Seller shall pay to the Buyer the contractual penalty in the amount of 30 EUR for each, even commenced calendar day of delay, since the first day of delay.
- 8.6 In the case where the Seller fails to remove defects within the periods stipulated in the Contract and the default lasts more than ten (10) working days, the Seller shall pay to the Buyer a contractual penalty in the amount of 30 EUR for each defect and for each calendar day of delay, since the first day of delay.

- 8.7 If the Buyer fails to pay the Purchase Price within the deadlines set out in this Contract, the Buyer shall pay the Seller interest on delay in the amount set forth by the law for each day of delay unless the Buyer proves that the delay with the payment of the Purchase Price was caused by late release of the Financial subsidy for the Project by the funding body.
- 8.8 The obliged party must pay any contractual penalties to the entitled party not later than within fifteen (15) calendar days of the date of receipt of the relevant claim from the other party.
- 8.9 Payment of the contractual penalties pursuant to this Article shall in no way prejudice the Buyer's right to claim compensation for damage incurred by the Buyer as a result of the Seller's breach of obligations to which the penalty applies. The Parties have agreed that the maximal amount of claim compensation for damage incurred by the Buyer as a result of the Seller's breach of obligations to which the penalty applies shall be limited to 100% of the Purchase Price.
- 8.10 The Parties have agreed that the maximal amount of contractual penalties shall be limited to 10 % of the Purchase Price.
- 8.11 The Buyer is entitled to set off by unilateral declaration any of its receivable or part of its receivable resulting from contractual penalty against Seller's claim to pay Purchase price.

9. **SOCIAL, ECOLOGICAL AND INNOVATIVE ASPECTS**

The Buyer aims to conclude contracts with suppliers that take into account and implement the principles of social responsibility, ecological sustainability and innovation. Therefore, the Seller shall ensure that:

- a) this Contract shall be fulfilled only by persons that are employed in accordance with the applicable legal regulations (no illegal or child workers);
- b) while performing this Contract, all applicable health and safety regulations and rules at work place are observed;
- c) all persons performing this Contract are employed under fair and non-discriminatory working conditions;
- d) if presented with different manners of fulfilling this Contract, the Seller shall select the solution/process that is in accordance with the principles governing nature conservation and nature protection, ecological sustainability and ecological waste management; and
- e) if presented with different manners of fulfilling this Contract, the Seller shall select the solution/process that is the most innovative.

10. **SPECIAL PROVISIONS**

By signing this Contract, the Seller becomes a person that must cooperate during the finance control

within the Act no. 320/2001 Coll., on finance control in the public administration, as amended, and shall provide to the respective audit bodies access to all parts of the bid, Contract or other documents that are related to the legal relationship formed by this Contract. This duty also covers documents that are subject to the protection in accordance with other acts (business secrets, secret information, etc.) provided that audit bodies fulfill requirements stipulated by these acts. The Seller shall secure that all its subcontractors are also obliged to cooperate with audit bodies in the above stipulated extent. The Seller shall secure that all its subcontractors are also obliged to cooperate with audit bodies in the above stipulated extent. The Seller is obliged to duly archive all written material prepared in connection with the execution of this Contract and to provide access to the Buyer to these archived documents until 2033; any finance control may also be carried out until year 2033.

11. FINAL PROVISIONS

- 11.1 This Contract is governed by the laws of the Czech Republic, especially by the Civil Code.
- 11.2 All disputes arising out of this Contract or out of legal relations connected with this Contract shall be preferable settled by a mutual negotiation. In case that the dispute is not settled within sixty (60) calendar days, such dispute shall be decided by courts of the Czech Republic in the procedure initiated by one of the Parties.
- 11.3 All modifications and supplements of this Contract must be in writing.
- 11.4 In the event that any of the provisions of this contract shall later be shown or determined to be invalid, putative, ineffective or unenforceable, then such invalidity, putativeness, ineffectiveness or unenforceability shall not cause invalidity, putativeness, ineffectiveness or unenforceability of the Contract as a whole. In such event the Parties undertake without undue delay to subsequently clarify any such provision using Sec 553(2) of the Civil Code, or to replace after mutual agreement such invalid, putative, ineffective or unenforceable provision of the Contract by a new provision, that in the extent permitted by the laws and regulations of the Czech Republic, relates as closely as possible to the intentions of the Parties to the Contract at the time of creation hereof.
- 11.5 The Parties agree that the Seller shall not be entitled to set off any part of its receivable, or receivable of its sub-debtor against the Buyer or any of his receivables, unless this Contract stipulates otherwise. The Seller shall not be entitled to assign any receivable arising in connection herewith to a third party. The Seller shall not be entitled to assign any rights or obligations arising to him hereunder or any of its parts to third parties.
- 11.6 This Contract shall constitute complete agreement of the Parties on the Contract subject matter including the Object of Purchase and shall substitute any and all possible previous discussions, negotiations and agreements of the Parties related to the Contract subject matter including the Object of Purchase.

11.7 This Contract is executed in one (1) counterpart in electronic form.

11.8 The following Annexes form an integral part of the Contract:

- **Annex No. 1:** Technical Specification Document (if Annex 1 uses the term “Contracting Authority” or “contracting authority” it means Buyer. If Annex 1 uses the term “Supplier” or “supplier”, it means Seller);
- **Annex No. 2:** Technical Specification of the Seller submitted by the Seller during the Public Procurement as a part of his Bid.

In case of any discrepancies between this Contract and any of its annexes, the provisions of this Contract shall prevail.

In case of any discrepancies between Annex No. 1 and Annex No. 2, Annex No. 1 shall prevail.

11.9 The Parties agree to publish the full text of this Contract, including its annexes, in the Register of Contracts pursuant to Act No. 340/2015 Coll., on Special Conditions for the Effectiveness of Certain Contracts, the Disclosure of These Contracts and the Register of Contracts, as amended (Act on the Register of Contracts).

11.10 This Contract shall become valid on the date of the signature of both Parties. The Contract shall become effective on the date of its publication at Register of Contracts.

12. **Representatives of the Parties**

12.1 The Seller has appointed the following authorized representatives for communication with the Buyer in relation to the subject of performance hereunder:

In technical matters: [REDACTED]

12.2 The Buyer has appointed the following authorized representatives for communication with the Seller in relation to the subject of performance hereunder:

In technical matters: [REDACTED]

IN WITNESS WHEREOF attach Parties their handwritten signatures:

Buyer

Seller



Signature, date: _____

Name: RNDr. Michael Prouza, Ph.D.

Position: director

Signature, date: _____

Name: Ing. Pavel Dvořáček

Position: Executive

ANNEX 1

TECHNICAL SPECIFICATION

Annex no. 1 – Technical specification

Public Contract Name:

“High power ps fiber laser for material processing”

Technical specification of galvanometric scanning system

	The subject of the procurement	High-power pulsed picosecond fiber laser for material processing
	Following tasks to be realized with galvanometric scanning system	- High-precision laser micromachining and material surface structuring.
		- Ready for 24/7 operation
		- Compatible with multi-beam and beamshaping technologies based on spatial light modulator
		- Fundamental wavelength in 1 μm region
		- Adjustable pulse repetition rate and pulse duration to optimize for different materials and processes.
		- Compatible with Direct Machining Control system
		- Integration with existing galvanometric scanning systems and RTC control boards.
Technical features of galvanometric scanning system		
Optical Characteristics	<ul style="list-style-type: none">- <i>Wavelength</i>: Must be between 1020 nm and 1070 nm.- <i>Pulse Repetition Rate</i>: Must be adjustable at least in the range of 100 kHz and 5000 kHz- <i>Pulse Duration</i>: Must be tunable within the range of at least 1 to 3 picoseconds.- <i>Output Power</i>: Maximum output power should be at least 90 W- <i>Beam Quality (M²)</i>: Must be lower than 1.3.- <i>Polarization</i>: Must be linear, with a polarization extinction ratio of at least 20 dB.	
Performance and Stability	<ul style="list-style-type: none">- <i>Pulse Energy</i>: Maximum pulse energy must be at least 100 μJ at lower repetition rates.- <i>Power Stability</i>: Output power stability should be within 1% over 8 hours of continuous operation.- <i>Pulse-to-Pulse Stability</i>: RMS < 2% at the nominal pulse repetition rate.	
Control and Interfaces	<ul style="list-style-type: none">- Must be compatible with both analog and TTL control signals, with support for RS-232 or Ethernet communication.- The system must include an integrated pulse picker for flexible pulse shaping.- Control software must be compatible with Windows 11 and support integration with existing systems (e.g., Scanlab’s laserDesk and RTC control, Direct Machining Control).	

Dimensions and Weight	Control unit dimensions should not exceed 500 x 650 x 150 mm, with a weight limit of 40 kg.
Accessories	Delivery with all necessary cables, connectors, and manuals in English. Must come with power supply for 24/7 operation. Must come with dedicated control software for laser operation

ANNEX 2
TECHNICAL SPECIFICATION OF THE SELLER

Annex no. 1 – Technical specification

Public Contract Name:

“High power ps fiber laser for material processing”

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