**Appendix No. 1: Bid form template**

Name and address of the Contractor:……………………………………………………

Contact person..…………………………………Phone number………………………………… e-mail: ………………………………………………….

Subject of the contract: **High-speed shutters for laser control with drivers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Description of requirements** | **Requirement met (YES/NO)**  | **Device model and manufacturer**  | **Comments** |
| 1. | * Two high-speed mechanical shutter for laser control
* Require power (pulse) to keep the blades open
* Blades made of BeCu alloy, additionally coated with AlMgF2; 2 blades per shutter

Sufficient to work with the following lasers: * Toptica FF Ultra 920 nm; pulse duration: 90 fs, Output power - 1.5W (max), beam diameter - 1mm, pulse frequency: 80MHz,
* Spectra-Physics Mai Tai eHP tunable laser 690 -1040nm; used mostly @ 720nm; pulse duration: 70fs, output power - 2.6 W (max @ 800nm); power @ 720nm - 1.5 W; beam diameter - 1.2 mm, pulse frequency: 80MHz
* 3mm aperture
* Shutter in housing with 1/4 inch threaded hole allowing mounting on optical table with a post
* Total open time: 1.5 ms
* Minimum opening time with minimum pulse: 0.8 ms
* Maximum operating frequency: 50Hz in continuous mode, 200Hz in burst
* The electronic feedback signal to the shutter driver after the shutter transfers to the open state. Activates at 80% shutter speed.
* Compliant with RoHS standard
* Connecting cable to the control unit
* Shutter control unit - 2 pieces
* Input impedance of all BNC inputs - 4.7 K Ohm

Active-Low or Active-High selectable by the user TTL compatibleSource impedance of all BNC outputs - 1K Ohm Active-Low or Active-High user selectable TTL compatible* Compliant with RoHS standard, CE Certification
* Stepless variable exposure frequency from DC to shutter when running at maximum speed
* Can be controlled through the computer's serial ports RS-232C, which allows the connection of up to 8 separate controllers
* The front control panel allows manual control of the shutter
 | YES/NO) (YES/NO)  |  |  |

Net PLN …………………………………………… price,

Shipping ……………………….. net PLN,

The bid price must be expressed in Polish zloty (PLN).

The settlement with the contractor will be made in Polish zlotys (PLN), but in the case of a foreign contractor, he will receive it in euro (EUR) at the exchange rate of his bank.

Contract completion date .………….. from the date of signing the agreement (max. 8 weeks).

Warranty:min. ……………………. (min. 24 months).

I declare that I am not subject to exclusion from the proceedings pursuant to Article 7 paragraph 1 of the Act of 13 April 2022 on special solutions to prevent the support of aggression against Ukraine and to protect national security (Journal of Laws of 2021, item 835)

I have read the model agreement attached as Appendix No. 2 to the request for quotation and I do not raise any objections to it.

 …………………………………………… …………………......………………………… Place, date Signature and stamp of the Contractor

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