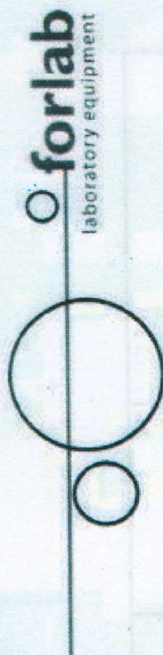


76A James Baucher Blvd, Business center Hill Tower 3rd floor, 1407 Sofia, Bulgaria
 Tel. +359 2 4394003; +359887409957;
 Fax +359 2 4394109;
 e-mail: office@forlabequipment.com



БАН - ИОМТ

До: Институт по Оптически Материали и
 Технологии „Акад. Й. Малиновски“ към БАН
 На вниманието на: Проф. Цветанка Бабева

Фирма: ФОРЛАБ ООД
 Лице за контакт: Христо Нешев

Вх. № 232 / 13.09.2019

ОФЕРТА № 077/13.09.2019

Във връзка с обществена поръчка с предмет: „Доставка на специализирано технологично оборудване за нуждите на ИОМТ-БАН по проект ТОСНА “

№	Кат. №	Описание	Количество	Цена в Лева без ДДС
1	00035734	BV from below ø70mm up to 250mm Basic frame with mechanical guiding system for crystal growth according the bridgman method with growth direction below. For vertical high temperature furnaces with up to 250 mm heated length (additional position) Diameter 70mm, usable diameter for customer's crucible 40mm without crucible Pulling shaft with a centre thermocouple Moving drive motor for fast positioning, growth speed and rotation (option) Sample thermocouple up to crucible bottom Electronic cabinet for the drive motors and the temperature controlling system Main switch Growth motor ON/OFF Growth motor UP/DOWN Growth motor speed 0.03 to 50 mm/h (Standard, other on request) Digital djustment of the growth speed Digital display for speed value in in mm/h Fast positioning ON/OFF Fast positioning UP/DOWN Fast positioning speed up to 2000 mm/min Adjustment of the fast positioning speed	1	78 848, 26

2	00044350	Rotation: 1- 5 rpm		1	10 591, 96
3	00042037	Horizontal tube furnaces up to 1350 °C 1350°C max. temperature 200 mm heated length 400 mm total furnace length 80 mm Max. outer work tube diameter inner diameter heating element 100mm without work tube 420 x 400 x 350 mm (HxWxD) outer dimensions furnace 3 metre cable to separate control module, plug adds 150 mm to depth of control module 480 x 560 x 500 (HxWxD) outer dimensions control module Digital PID-Controller E3216CC with single ramp to setpoint and process timer Power supply: 230 V, single phase, 50 Hz, 2.1 kW		1	10 507, 37
4	00042169	Work Tube Mullite (610) 40x50x390mm Mullite (Pythagoras) = 60% Al ₂ O ₃ , 40% SiO ₂ Gas tight Tmax: 1500°C Tmax for vacuum operation: 1350°C		1	105, 67
5	00043672	Nanodac-Programmer instead of 3216CC Programmer and secure data-logger with 50MB internal memory and maximum of 4 analogue inputs 3.5 inch VGA display 50MB of non-volatile Flash memory 4 universal inputs for i.e. up to 4 thermocouples 14 virtual channels (i.e. trend chart, midpoints, alarms, etc.) 8 Hz sample and recording rate Secure, binary data (Eurotherm UHH format) or open (CSV format) data files USB connection for a max. 8GB stick Ethernet connection RJ45 with standard TCP/IP-FTP protocol Including software to display the curves on a PC and converting UHH files to CSV files Functional range programmer: Up to 25 free programmable segments per program Up to 100 local stored programs Up to 200 further programmes may be stored on USB-Stick		1	3 142, 48

6	00042157	Overtemperature control (OTC) for F-Range for F-Series (FHA/FHC/FST/FZS) Adjustable digital overtemperature protection for furnaces with additional thermocouple. Type S and controller E2132i (If the set temperature will be exceeded the power to the heating elements will be stopped and the controller must be reset manually)	1	1 117, 54
7	00044332	BV - Absolute position in mm 0,0 mm - 999,9 mm Shows value of absolute position. Point of starting to count needs to be set by the customer	1	15 105, 23
9	00042158	ITools Software CD + recorder + cable 5m Software for configuration, monitoring and data recording - Data recording and curves - Cable to the controller with plugs - CD itools with licence Към доставката са включени следните документи: - Ръководство - Сервизни инструкции - Списък с възможни грешки - CE декларация	1	1 081, 49
			Цена в лева без ДДС - ДДС 20 % - Крайна цена в лева с ДДС -	120 500, 00 24 100, 00 144 600, 00

Срок на доставка: 16 седмици след поръчка и извършено авансово плащане
Начин на плащане: банков превод
Срок на плащане: 70% авансово, 30% до 15 дни след доставка
Валидност: 31.11.2019

Заличено на основание чл. 4,

С уважение:

Т. 1 от Регл. (ЕС) 2016/679

Христо Нешев