



**INQUIRY
Nr 69/WIM/PU/2019**

1. NAME AND ADDRESS OF THE CONTRACTING AUTHORITY

Warsaw University of Technology
Faculty of Materials Science and Engineering
02-507 Warsaw, 141 Wołoska Street
VAT No.: PL 525 000 58 34

2. OBJECT OF THE CONTRACT

Modular pulsation-free dosing system consisting of:

- base module
- 2 pcs of precise syringe pumps.

3. SPECIFICATION OF THE OBJECT OF THE CONTRACT

The subject of the inquiry is delivery of modular pulsation-free dosing system consisting of:

- base module
- 2 pcs of precise syringe pumps,
with the parameters as below:

- base module (e.g..CETONI Base120, or equivalent)
 - system which allow for direct on indirect (with extra cables) connection of at least 2 (high pressure) up to 8 (low pressure) precise syringe pumps,
 - equipped with CAN out (Mixed DSub socket) with transfer max. 1 Mbit/s,
 - equipped with USB type B socket,
 - controlled by the external computer software
 - power output: at least 120 W,
 - power supply: 90 – 254 V AC, 47 – 63 Hz
 - max. weight: 1.8 kg
 - max. dimensions: 310 x 94 x 56 mm,
- precise syringe pumps -2 pcs. (e.g. neMESYS Low Pressure module 290N, or equivalent)
 - compatible with base module,
 - equipped with PID controlled drive,
 - equipped with syringe holder (outer syringe diameter) in the range of 6-30mm,
 - gear box translation 29:1,
 - pusher velocity in the range of 1 nm/s - 6 mm/s,
 - minimal pusher travel of 17 nm,
 - max linear force: at least 290N
 - equipped with exchangeable 3-2-way valve:
 - made of PEEK FFPM
 - with fluidic port ¼"-28 UNF,
 - max working pressure: not lower than 3 bar,
 - provides pulsation free flow in the range:

syringe	Flow rate min. [nl/min]	Flow rate max. [ml/min]
10 µl	0.006	0.03
250µl	0.143	0.76



1 ml	0.6	3.0
2.5 ml	1.4	7.6
5 ml	2.8	15.2
10 ml	5.7	30.5
50 ml	28.5	152.6

- with the interfaces CAN and RS232, with data transfer max. 1 Mbit/s and max. 115200 bit/s, respectively,
- max. power consumption: 14.5 W,
- power supply: 24 V DC,
- max. weight: 1.3 kg,
- max. dimensions: 310 x 47 x 56 mm,

Additional required components:

- all necessary connection cables,
- documentation in English.

Warranty for base module and syringe pumps: at least 1 year.

4. EVALUATION CRITERIA AND THEIR WEIGHTS

- 1) Offers confirming the readiness of delivery of the order, corresponding to the specification given in point. 3 –SPECIFICATION OF THE OBJECT OF THE CONTRACT, will be evaluated by the Employer. Best bid will be selected on the basis: total price – 100%.

5. REQUIREMENTS

- Realization deadline: **11.12.2019**
- The delivery will be confirmed with acceptance protocol signed by Supplier and Contractor
- The invoice can be issued after signing of the acceptance protocol
- The payment will be done within 14 days upon receipt of the invoice.

6. REALIZATION

Product will be delivered to Warsaw University of Technology, Faculty of Materials Science and Engineering, 141 Wołoska Str., room 406, 02-507 Warsaw, Poland

7. DEADLINE, PLACE AND MANNER OF SUBMISSION OF OFFERS

Offers must be submitted not later than **12.11.2019 until 9 am**. Offers must be submitted in electronic form to the address: emilia.choinska@pw.edu.pl; zp30@pw.edu.pl

Offers should be prepared in Polish or English.

Contact Person: Emilia Choińska, e-mail emilia.choinska@pw.edu.pl , tel (+48) 506 299 219

8. ADDITIONAL INFORMATIONS

- 1) In order to ensure the comparability of all offers, the Contracting Authority reserves the right to contact the appropriate Tenderers in order to supplement or clarify the offers.
- 2) After selecting the Contractor, the Contracting Authority reserves the right to negotiate the terms of the contract.
- 3) The Ordering Party reserves the right to respond only to the selected offer.
- 4) This offer does not constitute an offer in accordance with art. 66 of the Civil Code, as well as it is not an announcement within the meaning of the Public Procurement Law.
- 5) The invitation is not a procurement procedure within the meaning of the Public Procurement Law and does not affect the Employer's commitment to



accept any of the offers. Warsaw University of Technology The Faculty of Materials Science and Engineering reserves the right to cancel the order without choosing any of the submitted offers.

- 6) The Contracting Party stipulates that the overall offered price is public information within the meaning of the Act on access to public information and if the bidder reserves it as a trade secret or business secret, his offer will be rejected.
- 7) The Employer does not pay advances for the task. Payment is made after delivery / service.
- 8) The contracting authority can not to be held liable for any costs or expenses incurred in connection with the preparation and delivery of the offer.
- 9) Offers that will be received after the deadline will not be considered.
- 10) The Ordering Party reserves the right to negotiate the terms of the order, as well as to annul the proceedings at any stage, without giving any reason and to cancel the order without giving reasons for the resignation.
- 11) The administrator of your personal data contained in the submitted offers and processed in the verification of offers is Warsaw University of Technology with its registered office in Warsaw 00- 661, ul. Plac Politechniki 1, (hereinafter: the Employer). Contact to the Data Protection Officer: iod@pw.edu.pl

The Dean of
Faculty of Materials Science and Engineering
Warsaw University of Technology

Prof. dr hab. inż. Jarosław Mizera

Warsaw 06.11.2019