

Minutes of the Meeting on a Public Tender Automatic system for micro-powder blasting 2012/0068

Restricted tendering with one bidder
§ 23 of article 5 paragraph a) of the Public Tender Act №137/2006 (hereafter – Act)

Dated: 10.4.2012

Contracting authority: University of J.E. Purkyne in Usti nad Labem
Registered Office: Horeni Street 13, 40096
Workplace of the authority for whom the tender is intended:
Rector's Office
Prof. RNDr. Rene Wokoun, CSc.
Legal form: Public University
TIN: 44555601
VATIN: CZ44555601
Interested Part: COMCO INC.
Registered Office: 21 51 North Lincoln Street Burbank,
CA 91504-3344
TIN: 95-2458657
VATIN: n/a

On the basis of the tender bid and the submission of tender in restricted tendering in accordance with § 23 of article 5 paragraph a) of the Public Tender Act № 137/2006, the contracting authority University of J.E.Purkyne in Usti nad Labem has informed the interested part COMCO INC. about their intent to award public contract with the name Automatic system for micro-powder blasting 2012/0068.

The object of the contract is the delivery of science- research machine Automatic system for micro-powder blasting.

The subject of talks is to agree on the terms and conditions relating to the deal with the interested part on the basis of the requirements presented in the tender documentation, specifically:

- Technical parameters of the offered machine;
- The tender price;
- Conditions of payment;
- Terms of trade;
- Delivery date.

AS the result of the meeting held in accordance with previous agreement of both sides by using videoconferencing, the sides agreed upon the following:

Technical parameters of the delivery object:

- Complete, automatic system consisting of blast chamber, nozzle, nozzle holder with automatic positioning system, spindle sample holder, micro-blasting device and microelectronic programmable controller suitable for micro-patterning, drilling or cutting of substrates (glass, wafers) mainly in development of microfluidic devices with or without the need of mask.
- Blast head with min. 1 exchangeable nozzle (min. diameter 0.5 mm or lower)
- X-axis travel min. 200 mm or longer, positional resolution (physical) min. 0.1 mm or lower, positional accuracy bellow 0.15 mm
- Y-axis travel min. 100 mm or longer, positional resolution (physical) min. 0.1 mm or lower, positional accuracy bellow 0.15 mm

- Z-axis travel min. 100 mm or longer, positional resolution (physical) min. 0.1 mm or lower, positional accuracy bellow 0.15 mm
- W-axis with infinite rotation possibilities, min. achievable rotation speed 600 RMP, positional resolution (physical) min. 0.6° or less, positional accuracy bellow 0.6°.
- Blast chamber with connection to dust collector for efficient protection of surrounding environment from dust by downdraft airflow. The control electronics should be located in independent, dust protected compartment of the device. The dust collector is not a part of this tender.
- Programing possibilities – customer program development based on on-board or external computer workstation connected via USB port enabling to process parts with complex geometries and to fabricate a defined patterns (e.g. holes, channels). The program should control the precise movement for each axis (position, acceleration, speed), the blast turn on and off, blast pressure or other important features. The software for device control will be included.
- Modular design of device with possibility to fast exchange of tooling and holding fixtures
- Powder blaster will be suitable preferentially for aluminium oxide micro-abrasives (approx. 10-100 µm particles), with internal electronic control of abrasive flow. Function of powder blaster will be controlled by on-board control station. Min. powder capacity is 1L. Air dryer or pressure air supply is not a part of this tender.

The tender price: The tender value is based on the above technical specifications of the offered machine and its estimated amount is \$100,000 plus the costs of shipment, insurance, customs tariffs, tax and other costs required for the delivery of the machine to its place of destination – Czech Republic, Usti nad Labem.

Terms of trade: The draft of the contract will be prepared by COMCO INC. as part of the bid.

Conditions of payment: Conditions of payment will be included in the bid. Conditions of payment will be set as follows: 20% of the total contract value will be transferred by the buyer to the contractor's account after signing of the contract, 70% of the total contract value will be transferred by the buyer to the contractor's account after the test of system functionality is performed, and 10% of the total contract value will be paid by the buyer within 30 days after the delivery of the machine.

Delivery date: The delivery date will be set on December 5, 2012 and will be stipulated in the draft of the contract.

Signatures of the people present:

On the contracting authority side:

Ing. Petr Lauterbach

Ing. Ales Klicnar

Mgr. Jan Maly, PhD

Mgr. Tetyana mashkova

On the interested part side:

Colin Weightman