

Prague May 15, 2017

ID number: ÚFE-217/2017-sekr

We hereby approach you with this Invitation to submit a bid in a small-scale public contract tender procedure for supplies named

**„Mode-hop free tunable laser 1045-1070nm“**

**I. Identification data of Contracting Authority**

Contracting Authority: Institute of Photonics and Electronic of the CAS,v.v.i.  
Registered office: Chaberská 57, 182 51 Praha  
Company identification No.: 67985882  
Tax identification No.: CZ67985882  
Data box: m54nucy  
Person authorised to act on behalf  
of the Contracting Authority: Prof. Ing. Jiří Homola, CSc., DSc.  
Contact person: Adéla Michková  
Phone: +420 266 773 429  
E-mail: michkova@ufe.cz

(hereinafter the „**Contracting Authority**“)

**II. Description of the subject matter of the public contract tender**

II.1. Name of the small-scale public contract tender:

**„Mode-hop free tunable laser 1045-1070nm“**

II.2. Description of the subject matter of the small-scale public contract tender:

Delivery of complete equipment according to the specifications described in Annex No. 1 is the subject matter of this Tender. The equipment shall be new.

The CPV code of the equipment is 3897.

**III. Public contract implementation term**

Expected initiation immediately after conclusion of the contract  
Expected supply term: at latest August 31, 2017

**IV. Place of performance of public contract**

Address: Institute of Photonics and Electronic of the CAS,v.v.i.,  
Chaberska 57, 182 51 Praha, Czech Republic

## V. Expected value of the Public Contract

Expected value: 32 000 EUR excl. VAT

The expected value of the contract is also the maximum value of the public contract, which cannot be exceeded by the bidders. Should the bidder's bid price exceed the referred-to maximum value, then the bid shall be excluded for the reason of failing to meet the tender conditions.

## VI. Bid price processing manner

The applicant shall be obliged to give the total bid price in the following structure: price in EUR excl. VAT, net of VAT and total bid price in EUR including VAT.

The bid price shall be a fixed and binding maximum permissible price including all fees and any other costs connected with performing the Public Contract. The bid price must also include any costs not explicitly specified but about which the bidder knew or should and could have known considering its professional knowledge, exercising all professional care.

The price may only be modified in connection with any changes to tax regulations regarding the VAT.

## VII. Bid processing conditions and requirements

Bids shall be submitted in writing and in a properly sealed envelope marked - on its closing - with the company identification / name and a stamp or signature of the statutory body of the applicant or a person authorized to represent the applicant. The envelope must be labelled "Do Not Open" and include a name of the small-scale public contract tender " Mode-hop free tunable laser 1045-1070nm". The envelope must further include an address to which notices shall be sent.

Bids shall be submitted not later than **29. 5. 2017 at 2:00 PM** at the registered office address of the Contracting authority: Chaberska 57, Praha 8, 18251, Czech Republic. Bids may be delivered in any appropriate manner (by post, courier service, in person, etc.) at the address above. Any other delivery shall not be deemed proper submission of a bid.

The bid must include identification details of the applicant, in particular the following: commercial name of the company, registered office, ID No., person authorized to act on behalf of the applicant or a person authorized to represent the applicant, contact address for correspondence between the applicant and the Contracting Authority.

Bids shall be submitted in English or Czech and contain a draft contract signed by the person authorized to act on behalf of or in the capacity of the applicant.

## VIII. Information on Evaluation Criteria

Bids will be evaluated based on overall evaluation of the technical requirements specified in Annex 1, price and guarantee by the following formula:

70% - meeting of technical specifications  
20% - price  
10% - warranty

Bids will receive points for each evaluated part and the final result will be calculated by:  
Final bid result = (70\*points for technical value+20\*points for price+10\*points for warranty)/100

The bidder with the highest obtained points will be awarded the bid.  
The scoring card by which the points will be awarded to each required criteria in the evaluation process can be found in Annex 2.

The applicant shall not be authorized to make the bid subject to any conditions. Any conditions or provision of several different values in the bid in parts that are subject to the evaluation shall constitute a reason to eliminate the bid and exclude the applicant from the tender process. The offered technical solution (Bid) must meet all requirements specified in Annex No. 1. All technical requirements have to be included in the bid otherwise the bidder will be excluded from the tender procedure.

#### **IX. Business conditions**

- a) The Bid should include a warranty of at least 1 year
- b) The applicant shall include in the Bid a draft contract, which will contain all requirements.
- c) The draft contract must be signed by the applicant by a responsible person or a person empowered or authorized thereto. In such a case, the original copy or a certified copy of the authority or authorization must be included in the bid. Otherwise the bid will be eliminated from the tender procedure.
- d) The applicant shall prove and submit the technical requirements specified in Annex No. 1 of this Invitation.

#### **X. Other conditions**

The Contracting authority has the right to:

- a) invite the applicant to specify any part of the Bid,
- b) modify or clarify the terms and conditions (while maintaining the basic parameters of bids, ie. the bid price, warranties),
- c) cancel the procurement procedure of the small-scale public contract tender anytime during the small-scale public contract tender, and by the time the order is sent,
- d) modify or supplement the public contract according to their needs in preparation for orders,
- e) sign a contract with the winning bidder based on evaluation.

#### **XI. Information about the small-scale public contract tender**

This small-scale public contract tender is not bid under the Act no. 134/2016 Coll., On public procurement, as amended.

Best regards,



Prof. Ing. Jiří Homola, CSc., DSc.

Director of Institute

Annexes:  
Annex 1. Technical requirements  
Annex 2. Scoring of parameters for evaluation

ÚSTAV FOTONIKY  
A ELEKTRONIKY AV ČR, v.v.i.  
(1)  
Chaberská 57, Praha 8 182 51

## Annex 1. Technical requirements

Parameters		Requirement
Tuning range low limit [nm]	LL	<1030
Tuning range high limit [nm]	LH	>1070
Mode hop free tuning range [GHz]	MHFR	>50
1s linewidth [kHz]	LW	<200
Absolute wavelength accuracy [pm]	AWA	<200
Fibre output power over the whole tuning range [mW]	Pmin	>10
Fibre output		Necessary
Optical isolation of laser output [dB]	IER	>40
Frequency locking to external reference		Necessary
Price		< €32.000
Warranty		≥1yr

## Annex 2: Scoring of technical parameters for evaluation

<b>Requirements</b>	<b>Points available</b>
Tuning range low limit	10
Tuning range high limit	40
Mode hop free tuning range	100
1s linewidth	50
Absolute wavelength accuracy	40
Guaranteed fibre output power over the whole tuning range	40
Optical isolation extinction ratio of laser output	40

Table 1: Summary of the results of the analysis

Variable	Mean	Standard Deviation	Minimum	Maximum
Age	35.2	12.5	20	65
Gender	0.48	0.50	0	1
Education	15.8	2.1	10	20
Income	45000	15000	20000	80000
Health	0.75	0.25	0	1
Employment	0.85	0.35	0	1
Marital Status	0.65	0.48	0	1
Home Ownership	0.55	0.50	0	1
Auto Ownership	0.70	0.45	0	1
Life Satisfaction	4.2	1.5	1	7