

**CALL TO SUBMIT AN OFFER IN SMALL-SCALE TENDER PROCEEDINGS**

(pursuant to Sec. 12 para. 3 of Act No. 137/2006 Coll. on public tenders)

This does not involve proceedings under Act No. 137/2006 Coll. on public tenders in the valid wording (hereinafter the "APT")

<b>Name of tender:</b>	<b>"PURCHASE OF VIDEO TRACKING SYSTEM FOR AUTOMATICALLY RECORDING ANIMAL ACTIVITY AND MOVEMENT"</b>
<b>Tenderer:</b>	
<b>Company or name of company or name and surname:</b>	<b>Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic, v.v.i.</b>
<b>Address of headquarters/place of business/place of permanent residence:</b>	<b>Květná 170/8, 603 65 Brno, Czech Republic</b>
<b>Company ID No.:</b>	68081766
<b>Persons authorized to act in the name of or on behalf of the bidder:</b>	Assoc. Prof. Marcel Honza, Dr.
<b>Contact person:</b>	Pavla Bártová, head of Administration Office
<b>E-mail:</b>	<a href="mailto:bartova@ivb.cz"><b>bartova@ivb.cz</b></a>

**1. Information on the type and subject of tender and its technical specifications**

<b>Name</b>	<b>State of the art video tracking system for automatically recording animal activity and movement</b>  <b>System including:</b> <ul style="list-style-type: none"><li>- Base module</li><li>- Multiple arena module</li><li>- Multiple body points module</li><li>- Social interactions module</li><li>- Professional workstation</li><li>- Professional camera including 4-8 mm lens, IR pass filter, 2 IRLED arrays, wall mount and cables, high speed network card</li></ul> <b>1. Base module</b> <ul style="list-style-type: none"><li>- center body detection</li></ul>
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- maximum on-line processing speed : 25 images / sec (PAL) or 30 images / sec (NTSC)
  - several object detection methods (grey scaling, subtraction, dynamic subtraction, differencing, size filter)
  - \_activity detection detects changes in the arena for each frame , ideal for the detection of freezing behavior
  - batch acquisition have to allow to use videos of trials and acquire the tracks from videos in a batch series
  - automatic and batch analysis
  - Integrated visualization
  - export of graphical images and tables as raw and statistical data for further analysis
- Export of raw track data
- Simultaneous live tracking and MPEG-4 encoring
- 2. Multiple body points module:**
- Module to track the nose point, center point and tail base
- 3. Multiple arenas module:**
- Module for increased thoughtput by tracking in multiple arenas simultaneously
- 4. Social interactions module:**
- Module to study social interaction – analyze interaction or 2 or more animals in the same arena
  - Tracking up to 16 color marked animals in the same arena
  - Tracking up to 16 unmarked animals
- 5. Professional workstation:**
- Processor f. e. Dell, memory min. 8GB DDR3
  - 1TB HDD
  - Graphics card 2 GB
  - Windows 7 professional
  - Preinstalled software
  - Keyboard, 23'' Full HD screen, mouse, speakers
  - High speed network card
- 6. Camera for recording / tracking:**
- 1/1.8'' sensor, resolution: 1280 x 1024, 6ofps
  - Gigabit Ethernet connection
  - Configured to work with the PC and the whole system

	<b>7. Remore training</b>  Warranty: 36 months
<b>Estimated value of tender (in CZK without VAT):</b>	<b>EUR 15.400,00</b>
<b>Place of fulfillment:</b>	<b>Headquarters of the bidder</b>

## 2. Period for submitting bid

### 2.1 The period for submitting bids starts to run on:

**Date:** The period for submitting bids starts to run on the day following the day of sending the text of the bid.

### 2.2 End of period for submitting bids:

**Date:** 15.05.2015      **Time:** 12:00 o'clock

## 3. Place for submitting bids and other information for submitting bids

**Bids must be delivered to the address of the Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic, v.v.i., to the secretariat, Květná 170/8, 603 65 Brno in the period indicated in Art. 2 of this call for submissions by post or by mail (bartova@ivb.cz).**

**In case of delivery in person the contact person for receiving bids is: Pavla Bártová**

**Tel.: 00420 543 422 512**

**E-mail: bartova@ivb.cz**

## 4. Requirements and conditions for processing bids:

4.1 The bid for the small-scale tender must be elaborated in the Czech or English languages.

4.2 The bid price must be elaborated as a total price for the fulfillment of the subject of the small-scale tender in accordance with the specifications presented in Art. 1 of this call for submission without VAT (but with delivery etc).

## 5. Information about evaluation criteria:

**The basic evaluation criteria is the economic feasibility of the bid - the lowest bid price (100%) .**

## 6. Application period (period for which candidates are obliged by their bids)

Length of application period: 60 days

The application period starts to run when the period for submitting bids ends and ends on the day when a notification from the tenderer of selection of the most suitable bid is delivered.

## **7. Final provisions**

7.1 The tenderer shall reject bids that are delivered (submitted) after the period for submitting bids.

7.2 The tenderer shall exclude candidates that do not meet that conditions of the tenderer stipulated in this call for submissions.

7.3 The tenderer reserves the right to cancel the public tender.

7.4 The tenderer reserves the right to confirm and check information provided by candidates in their bids.

7.5 None of the candidates has the right to compensation of damages and/or costs that arise to it on connection with participation in the small-scale public tender process.

7.6 The selected candidate shall be invited to enter into a contract.

In Brno on 07 th May 2015

Assoc. prof. Marcel Honza, Dr.

director