

**Annex No.1 - Technical specifications
Eye tracking camera for measurement in MRI**

Type designation of the device

To be filled by supplier

Basic requirements

Contracting authority requires the purchase of the eye tracking camera as an extension to the camera acquisition in the MRI machine as well as for use in combination with EEG recording in the electrophysiology laboratory.

Compulsory parameters

The camera must be fully compatible with the SR Research EyeLink 1000 Plus system used in the CEITEC MU, located in building A35 of the University Campus Bohunice, Kamenice 5, 62500 Brno. The camera must be transferable by laboratory technicians between two MR scanners (located in the same building but a separate room) and the electrophysiology laboratory (also located in the same building but a separate room). Please refer to the detailed specifications in the technical drawing.

<p align="center">Technical and functional characteristics <i>(The bids must meet all parameters set out below.)</i></p>	<p align="center">Requested value</p>
Camera and accessories compatible with the existing EyeLink 1000 Plus eye-tracker	Yes
Compatibility with the Fiber Optic Camera Head for use in MRI	Yes
Possibility to use eye-tracker in monocular and binocular regimes	Yes
Eye-tracking functionality without necessity of head fixation	Yes
Eye-tracking functionality also with correction lens or glasses used by measured participant	Yes
Sampling rate	≥ 1000 Hz
Delay between input event (eye-movement) and output data	≤ 5 ms
Camera-to-eye distance	≥ 140 cm
Absolute accuracy for measurement without head fixation	≤ 0.5°
Relative accuracy for measurement without head fixation	≤ 0.1° RMS
Trackable range	> 25° x 25°

The seller (tenderer) declares that the delivery will comply with all the aforementioned requirements. If it becomes obvious in the course of the delivery preparation and implementation that it is necessary to supply additional components or accessories or to perform any additional services or works in order to meet the requirements, the seller hereby undertakes to deliver such devices and to perform such works or to provide such services in accordance with the agreement, without any increase of the purchase price (i.e. such deliveries, works or services are included in the purchase price).

on
I and EEG labs

urrent eye tracking system for measurement during
trophysiology laboratory.

the Multimodal and Functional Imaging Laboratory,
rno, Czech Republic. The camera must be
out separate rooms) and the electrophysiological
specifications below.

Supplier's offer

(In case that the offered device fails to meet the technical
requirements specified by the contracting authority, the
tenderer state YES, otherwise NO.)

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

**requirements of the purchaser (contracting authority).
; necessary to deliver additional devices,
he purchaser's requirements hereunder, the seller
ices as a part of the original delivery under the
s shall not constitute extra deliveries or extra**