

"MR copatible LCD screen for CEITEC MU (2nd repetition)"

Appendix no 1 - Technical specifications

Type designation of the device

BOLDscreen 32 UHD, with AVI Hub and standard trolley

Basic requirements

Contracting authority require purchase 1 pieco of the MR compatible LCD screen for visual stimulation during acquisition in 3T MRI scanner.

Compulsory parameters

MR compatible LCD screen will be used as an equipment for visual stimulation of subjects during MRI examination. The equipment t must be compatible with 3T scanners, especially Siemens Magnetom Prisma. It means the function of LCD screen will not be affected by MR scanner and the function of MR scnnner will not be affected by the LCD screen.

Technical and functional characteristics <i>(The bids must meet all parameters set out below.)</i>	Requested value	Supplier's offer <i>Supplier indicates meeting all the technical and functional requirements; shall be evidenced unambiguously and plausibly, e.g. by providing technical sheets and drawings of the manufacturer.</i>
Manipulation requirements	Stand/trolley for easy manipulation (changing/adjusting position) by single person.	Standard trolley to be supplied
Power supply	230 V AC 50 Hz	PSU input: 90 – 264V AC, 50/60Hz
Signal source input	DVI or HDMI	DisplayPort and HDMI
Diagonal	min. 24 " , max 40 "	32"
Minimal physical screen resolution - horizontal	min. 1600 pixels	3840
Minimal physical Screen resolution - vertical	min. 1200 pixels	2160
Requested operation in case of higher resolution than 2K	FullHD at 60Hz, or 1920x1200 at 60Hz	Full HD 1920x1080 @ 60Hz
Screen refresh rate for full physical resolution	min. 60 Hz	60Hz
Contrast ratio	min 1000:1	4000:1
Grey-to-grey response time	max. 10 ms	9.5 ms
Maximal total weight (including power supply and stand/trolley)	max. 55 kg	Monitor 9kg, trolley 21kg. Total 30kg
Origin of the goods (for the import duty)	Country	UK, HTS 90181300 (0% duty)

The seller (tenderer) declares that the delivery will comply with all the aforementioned requirements of the purchaser (contracting authority). If it becomes obvious in the course of the delivery preparation and implementation that it is necessary to deliver additional devices, components or accessories or to perform any additional services or works in order to meet the purchaser's requirements hereunder, the seller hereby undertakes to deliver such devices and to perform such works or to provide such services as a part of the original delivery under the agreement, without any increase of the purchase price (i.e. such deliveries, works or services shall not constitute extra deliveries or extra works).