

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Supply of Cinema Equipment

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Publication reference: CINECULTURE – CN1 – S.O 1.3 – SC 005 (08-1188/1)

Columns 1-2 should be completed by the contracting authority

Columns 3-4 should be completed by the tenderer

Column 5 is reserved for the evaluation committee

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

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1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
1	<p>Cinema Equipment - Digital Cinema Projection system, including transport case/ mobile pedestal, Dolby cinema processor, monitoring and amplification, as specified or equivalent...pcs.1</p> <ul style="list-style-type: none"> - Digital Cinema Projector with integrated Media Block, DCI Compliant, Digital Micro Mirror Device - 3 x 0.98" DC2K dark metal devices. - Native resolution - 2,048 x 1,080 pixels - Housing - Hermetically sealed DMDs and optical assembly - Lamp - 1.2kW - 2kW - Light output - 9,500 lumens - For screen size Up to 15 wide (screen gain 1.2 @ 14ftl) - Prime lens - 1.6 - 2.5 - Control I/O - 3x Ethernet; 8x GPIO (DB 25); 3D interface USB; RS-232 interface (DB9) - Integrated Cinema Media Processor - DCI 4K 2D up to 60fps (with optional licence); DCI High Frame Rates 2K 3D up to 120fps (60fps per eye); JPEG 2000 bit-rates up to 625Mbps - Dual-channel color-correction; MPEG-2 (4:2:0 and 4:2:2 up to 60fps) - 2x DisplayPort 1.1a (up to 4K 2D 60fps and 4K 3D 30fps); 2x 3G-SDI inputs; 1x HDMI 1.4a (up to 4K 2D 24fps, support for BluRay 3D); 16x AES/EBU audio channels (2x RJ45); 8x GPI, 8x GPO (4x RJ45); 2x Gbe for content connectivity & ingest; 2x front-accessible USB 3.0 for fast ingest; 2x front-accessible USB 2.0 			

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	<ul style="list-style-type: none"> -Video watermarking: Civolution NexGuard - Audio watermarking: Civolution - Closed captioning devices: Support for SMPTE 430-10 - Integrated storage - minimum 3 TB effective storage (RAID-5) - Web Commander Projector Dashboard; Projector Control Board; Smart Projector Status Via HTML5 web-browsers including iOS & Android tablets - Dual projector 3D: passive and active - Projector diagnostics via Integrated Media Server ; via Communicator control software - Power requirements 220V 			
2.	Projection Screen- Mobile Cinema Projection Screen 1.85:1 aspect ratio, minimum 490x270cm (480x260), FLEX High Gain projection surface. As specified or equivalent... pcs. 1			

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3.	<p>Audio Equipment, as specified or equivalent...pcs. 1</p> <p>Including:</p> <p>Dual 15" two-way passive speaker system; 2400 Watt peak power handling, 134dB Maximum SPL, 4 ohms. Covered 18mm plywood enclosure, 16-gauge cloth-backed steel grille, dual 36 mm pole sockets, non-skid rubber feet...pcs.3</p> <p>12" two-way stage monitor or front of house passive speaker system; 1200 Watt peak power handling, 126dB Maximum SPL, 8 ohms. Covered 18mm plywood enclosure, 16 gauge cloth-backed steel grille, dual 36 mm pole sockets, non-skid rubber feet...pcs.2</p> <p>Speaker Stand, black...pcs.2</p> <p>Carrying Case...pcs.2</p> <p>Compact 18" portable subwoofer system; 35Hz Frequency Range, 2400 watt peak power handling, 130dB Max SPL, cloth-backed steel grille M20 pole socket, non-skid rubber feet...pcs.3</p> <p>Padded Nylon Cover for dual 15" full range L/C/R speaker system...pcs.3</p> <p>Padded Nylon Cover for 2-Way pole mount speaker...pcs.2</p> <p>Padded Nylon Cover for compact Subwoofer...pcs.3</p>			

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4.	<p>Outdoor cinema seats.... Pcs. 100</p> <ul style="list-style-type: none"> - stable metal black frame - multilayer hopper cushion and bracket, upholstered with high quality canvas - plastic lids on the cushion and seatback - foot protectors for floor protection and for stacking chairs against one another - possibility of stacking up to 10 chairs on top of each other 			
5	<p>Portable PC with Intel® Core™ i3-7100U or equivalent processor with following minimal specifications: 3M Cache, 2.40 GHz/ 8GB DDR4 / 1T HDD/ 15,6" FHD TN AG + Camera/ NVIDIA GeForce MX130 2GB GDDR5 or equivalent/ Wi-Fi/ HDMI 1.4b/ Card reader/ DOS/ As specified or equivalent...pcs. 1</p>			
6.	<p>Power supply cables, other cables and connectors, System delivery, testing, training and handover, as specified or equivalent. Including:</p> <p>Professional Loudspeaker Cable, 2 x 4,0 mm² with NL4FXX/25m...pcs.6</p> <p>Loudspeaker Cable Highflex, 2 x 2,5 mm² with NL4FXX/15m...pcs.1</p> <p>Power supply cables, other cables and connectors.</p>			

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