

Dossier no.: ICEC-2024-1119

TECHNICAL SPECIFICATIONS GOVERNING THE PROCUREMENT, VIA THE OPEN PROCEDURE, OF THE SUPPLY BY MEANS OF THE ACQUISITION, INSTALLATION AND PROGRAMMING, OF A 35mm AND 16mm FILM INSPECTION SCANNER FOR THE PRESERVATION AND RESTORATION CENTRE OF THE FILMOTECA DE CATALUNYA, A CULTURAL FACILITY PERTAINING TO THE CATALAN INSTITUTE FOR CULTURAL COMPANIES.

One. Background and justification

Article 46.2 of Law 20/2010, of 7 July, assigns to the Filmoteca de Catalunya the task of dissemination of film heritage and culture and the recovery, preservation and restoration of film and documentary heritage.

The inspection of and issuing of technical reports on photochemical film materials has an important position in the action protocols of the institutions responsible therefor. To gather accurate information on the characteristics and stage of physical and chemical preservation of the materials, as well as to detect continuity problems and/or possible versions, it is essential for their preservation and establishes the strategy to follow in subsequent actions.

The gradual and constantly increasing awareness of the importance of this kind of work performed in a film heritage preservation and restoration centre has led to the appearance on the market of increasingly accurate digital inspection tables that also take better care of film materials and are more efficient.

The introduction of a digital inspection table into the workflow of the Film Restoration and Inspection Department will enable the optimisation of tasks and of the time spent on them. The ability to view and capture material at the same time as carrying out the inspection report provides more accurate documentation on the material and its issues, whilst also allowing for a visual reference point for investigation.

Two. Objective

The object of the contract is the supply, by means of the acquisition, and programming of a digital inspection table for 35mm and 16mm film, for the Preservation and Restoration Centre of the Filmoteca de Catalunya, a facility pertaining to the Catalan Institute for Cultural Companies (the "ICEC"), located at Parc Audiovisual de Catalunya, Edifici I, BA L1. Carretera BV-1274, km. 1, 08225 Terrassa.

Three. - Technical specifications of and general requirements for the Quadriga-type or similar film inspection table

Essential technical specifications:

- A digital inspection table for image and sound, for both 35mm and 16mm film, in all its media, formats, emulsions and levels of physical and chemical degradation.

- The possibility of operating the inspection table in manual, semi-automatic and automatic modes.
- The ability to control the transporting of the film, with speed and tension adjustments, depending upon its physical and chemical degradation.
- Toothless/pinless roller system to prevent damage to perforations, working at the lowest possible traction and tension levels, with the ability to permit the transporting of fragile or deformed splices without the need for prior repair.
- Sensor that automatically detects and quantifies serious physical damage and high degrees of shrinkage.
- The ability to create a report capable of gathering together the greatest possible amount of information on the material inspected.
- The ability to create HD H264 and MPEG-4 investigation files.
- The ability to capture sound materials/soundtracks and create investigation reports.

General requirements and those regarding what the inspection table must identify and catalogue

- ☐ format type (1:1.33, 1:1.37; Panoramic, scope, 2p, etc.);
- ☐ measurement in frames, feet and metres;
- ☐ duration according to speed, 18ips, 20ips, 22ips, 24ips, etc.;
- ☐ transcription of film intertitles and/or subtitles;
- ☐ transcription of media manufacturer edge markings;
- ☐ detection and quantification of splices;
- ☐ detection of different media materials: plastic, emulsions (black and white, colour), optical soundtrack (mono, stereo, Dolby, etc.);

with regard to the state of physical preservation:

- ☐ detection and quantification of damaged perforations;
- ☐ detection of serious damage (tears, loose rollers);
- ☐ in the case of materials with footage, detection of gaps in frames;
- ☐ detection of scratches on the media;
- ☐ detection of scratches on the emulsion;

with regard to the state of chemical preservation:

- ☐ detection of percentage of vertical or horizontal shrinkage in media;
- ☐ detection of loss of dimensional stability in media.

Four. Inspection table installation and programming

The successful tenderer must install and programme the object of the contract. It shall bear the costs of shipping, loading, unloading and all the component elements required for shipping high-precision technological y hardware.

The estimated time period for the table's installation and programming is 1 day. The time period for the 2CR staff training course is 3 days.

The deadline for the delivery of the supply is 1 month from the date upon which the contract is formalised. The training course is considered to be included in this term.

The budget must include labour, travel and allowances for the installing, programming and also any required ancillary resources.

Five. Warranty period

The digital inspection table must have a warranty of at least 1 year from its reception and commission, in the case of any incident and/or fault. The technical support response time during the warranty period may not exceed 24 hours from the moment the incident is reported.

All devices and materials supplied must be new.

This budget includes the price for the supply, installation and commissioning of the inspection table, its transport, insurance, loading and unloading at the delivery site, the training course, the supply of technical documentation and manuals, and all expenses incurred by the successful tenderer throughout the process, as well as all tax charges that may be applicable. The training course shall be held at the Preservation and Restoration Centre in Terrassa, for up to six people, from Monday to Friday and between 9 am and 5 pm, with a minimum duration of three days.

The warranty shall be 1 year for system component parts, subject to the conditions of each of the suppliers.

"Updates" are provided free of charge to licence holders indefinitely and are on a for-pay basis. To be regarded as an "update", the addition of a significant new function or feature is required.