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Inspection, Digitization and Restoration Services of Film Content of FDB (Feature & Documentaries)

a) Background

Film Development Board (FDB) is established on 30 June 2000 by the Government of Nepal according to the existed Motion Picture (Production, Exhibition and Distribution) Act amended on 20th November 1991.

The constitution of the Film Development Board was with the Government's deep interest in development and promotion of motion picture sector in Nepal.

It has obviously created an environment of supporting for the promotion of differential aspect of motion picture in Nepal. The Board thus, is indeed a liaison to facilitate the conceptualisation, making, distribution and exhibition of films in Nepal. It also attempts abridging the gap between the film entrepreneurship and the government processes. However, the Board is bound to take care of safety of the people and support to interest for the inspiring films of the common populace. The Board is in reality a balance among the people at large, government and the process of filmmaking. It is therefore, the safeguard of the interest of people, watchdog of government and facilitator of filmmakers.

b) Objective and the Scope of the Consulting Service:

There are approximately 3 thousand 1 hundred set of 16 mm and 35 mm old reel prints/positives having historically important 12 (twelve) feature films and documentaries in the vaults of **Film Development Board**. Since filmic material deteriorate with time, FDB wants to save and preserve the historical Nepali movies for posterity, before they get decomposed beyond use.

Hence, considering all the above mentioned facts and importance of retaining of historical features and documentaries, Film Development Board has decided to digitize all the contents in prints / positives using the latest technology.

The scope of this consulting service is:

SCOPE OF WORK for FEATURE FILMS	
Input Source : 35 MM & 16 MM Prints (Positives)	
S. No	Scope of work
1	Preparation & Cleaning:
	Physical Inspection, Manual Cleaning, repairs, adding leaders
2	Ultrasonic Cleaning
3	Picture Digitization - 4K
4	4K to 2K Conversion
5	Color Grading on 2K resolution
6	Manual Picture Restoration (Frame by Frame)
7	Audio Digitization
8	Audio Restoration
9	Pan Scan of picture
10	Smoking & Drinking Astons
Deliverables (Outputs) :	
11	Inspection Report within 1 Month from the date of contract sign
12	4K DPX files on LTO / HDD (Raw Scans)
13	2K DPX files (Color Graded & Restored) on LTO / HDD
14	HD ProRes HD 422 HQ with Audio Sync @ 25 fps on HDD / LTO
15	Digitized Audio as .wav file on LTO/HDD.
SCOPE OF WORK for DOCUMENTARIES	
Input Source : 35 MM & 16 MM Prints (Positives)	
S. No	Scope of work
1	Preparation & Cleaning:
	Physical Inspection, Manual Cleaning, repairs, adding leaders
2	Ultrasonic Cleaning
3	Picture Digitization - 2K

4	Color Grading on 2K resolution
5	Audio Digitization
Deliverables (Outputs) :	
6	Inspection Report within 1 Month from the date of contract sign
7	2K DPX files on LTO or HDD (Color Graded)
8	Digitized Audio as .wav file on LTO or HDD

c) **Knowledge and Skill Transfer to Client : No**

d) **Composition of Team member and qualifications of key personnel**

Key Personnel	No.	Qualifications and Experience
Team Leader	1 person	Should have bachelor degree in business or in project related field with possess a minimum of 7 years' experience in the related field and should have experience of completion of at least one project related to the assignment.
Quality Check Expert	1 person	Diploma or at least 2 years on the job training course in related field with at least 6 years of experience in handling films, with expertise in checking the quality of the raw as well as color graded and restored video with knowledge of all aspects of the digitization, grading and restoration work.
Colorist	1 person	Diploma or at least 2 years on the job training course in related field with experience of at least 6 years in professional color grading (DI) of films using the latest, professional color grading suites.
Digitization Expert	2 person	Diploma or at least 2 years on the job training course in related field with relevant experience of at least 5 years in handling films, operating the latest film Scanners and related activities.
Film cleaning, repairing and Cataloguing Expert	3 persons	Diploma or at least 2 years on the job training course in related field with relevant experience of at least 5 years in the related activity of film handling, splicing and repairing.

In addition to the above mentioned key personnel, for the purpose of Picture and Audio Restoration more than 100 technician shall be required for 1 month period.

e) **Estimated time required for the assignment to be performed by the consultant: 4 months.**

f) **Details of the information, physical facilities and equipment to be provided to the consultant**

Workstation(s), Power Supply, network and Air-conditioned premises will be provided by client for installation of the equipment and carrying out the assigned project. Other equipment required for digitization and restoration should be brought and installed by consultant itself.