



Request for Qualifications (RFQ)

Re: Asphalt Airfields Video Series – AAPTTP

I. BACKGROUND

In 2024, the Airport Asphalt Pavement Technology Program (AAPTTP) will release the *Asphalt Paving Handbook*. In conjunction, an interactive website will be developed to house information from the handbook. While text and books are still viable sources of learning, video has become more popular as students, the public, and even engineers desire microlearning experiences where they can quickly get the information they need on outlets like YouTube.

II. OBJECTIVE

The objective of this project is to develop a series of videos to document and train practitioners on the processes involved in designing, producing, and constructing an asphalt airfield for the FAA.

III. PROJECT SCOPE

AAPTTP would like to produce numerous videos. Potential topics and estimated video lengths are as follows: critical communication on airfield projects (2-3 mins), safety on airfield projects (3-4 mins), plan grade requirements and interpretation (3-4 mins), materials in a job mix formula (4-5 mins), introduction to balanced mix design for airfield mixtures (3-4 mins), production at a drum plant (4-5 mins), prime and tack coats (2-3 mins), milling and cleaning (2-3 mins), ticketing, tracking, and general documentation (3-4 mins), loadout from the plant to the truck (2-3 mins), loadout from the truck to the material transfer vehicle and then paver (3-4 mins), minimum thicknesses (2 mins), yield calculations (2 mins), paver operations (3-4 mins), factors impacting compaction (3 mins), types of rollers (3 mins), roller operations (5 mins), longitudinal joint construction (3 mins), transverse joint construction (3 mins), echelon paving (2 mins), causes and cures for segregation at the plant (3-4 mins), causes and cures for segregation at the job site (3-4 mins), percent within limits (2-3 mins), walkthrough of a complete lot report (2-3 mins), walkthrough of a typical QC/QA lab for FAA jobs (3 mins), sampling procedures and random sampling (3-4 mins), control strips for FAA jobs (3 mins), coring (2-3 mins), smoothness requirements on airfields (2-3 mins), and interpreting smoothness results (2-3 mins).

Most of the videos could be recorded in 3-5 locations (subject to change): 1-2 asphalt plants with a quality control lab, a research laboratory, and 1-2 construction sites. NAPA and the FAA will work with producers and FAA staff to secure access to these locations in a timely manner.

IV. PROJECT REQUIREMENTS

The project team will develop storyboards for each video to be reviewed by the project panel for approval. The topic list is coordinated with the updated *Asphalt Paving Handbook*, and scripts should align with the content/direction provided in that resource. The project team will then shoot and produce the videos to be approved by the project panel.

All the video footage will be shot at high quality (4K) resolution. A copy of all raw footage will be delivered with final edited videos to the AAPTP. The final edited versions will be exported in 1920x1080 (1080P) at minimum 44K audio. The final videos must include closed captions. The destination for the videos will be NAPA's YouTube Channel. The project must be completed within the proposed timeframe and within the agreed upon budget.

ANTICIPATED CONTRACT PERIOD: January 1 – December 31, 2024

V. PROPOSAL SUBMISSION

A full-scale proposal will not be required for this project. Submissions should include a Letter of Interest along with qualifications of the individual(s) involved on the project team, scope of work for each individual, and the proposed work schedule. A budget is not required for submissions. The project team will be chosen based on the strength of its qualifications and reference work. Video examples (not to exceed 3 examples, each under 5 minutes) should be included for the project panel to review. At least one video must focus on communicating technical information. The Letter of Interest should use minimum 11pt font, standard margins, a maximum of 3 pages, saved as PDF. Resumes for the project team will be in addition to the Letter of Interest and will not count against the 3-page limit.

The Letter of Interest should be sent via email to Richard Willis, Vice President for Engineering, Research, & Technology, at Engineering@AsphaltPavement.org by October 24, 2023. Please include "Re: Asphalt Airfields Video Series – AAPTP" in the subject line of your email.