



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-5035

Community Development Department

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MEMORANDUM

TO: Legal and Finance Committee

FROM: Kelly Brennan, Planner III

DATE: February 15, 2023

RE: 23TP005 – Authorize the Mayor and Interim Finance Director to sign the Professional Services Agreement with Ayres Associates Inc. for the LiDAR Acquisition and Processing Project in an amount not to exceed \$150,000.

Ayres Associates Inc. was selected to complete the LiDAR Acquisition and Processing Project, with LiDAR data to be collected during the spring of 2023. The previous Rapid City LiDAR data was collected in 2015. The elevation data derived from LiDAR is heavily used by City and County departments as well as consultants, contractors, and the public using Rapid Map.

It is expected that the photography will be collected during April or May of 2023 when conditions are optimal for high quality images. During these months, the sun angle, leaf-off conditions of the trees, and lack of snow cover provide the best combination of conditions for our area.

Funding for this project is as follows:

FHWA Planning Funds (81.95%)	\$122,925
Rapid City GIS Division (18.05%)	<u>\$27,075</u>
Total funds available	\$150,000

STAFF RECOMMENDATION: Staff recommends authorizing the Mayor and the Interim Finance Director to sign the Professional Services Agreement for the LiDAR Acquisition and Processing Project in an amount not to exceed \$150,000.



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