

24-19-04

**RESOLUTION TO EXTEND CONTRACT C022021 AWARDED WORK TO PERFORM A LIGHT DETECTION AND RANGING (LIDAR) SURVEY PROGRAM AT CONKLINGVILLE DAM TO MJ ENGINEERING AND LAND SURVEYING, P.C.**

**WHEREAS**, in January 2020, Mr. Adam Jones, P.E., of Henningson, Durham & Richardson Architecture and Engineering, P.C., Inc. (HDR), the Regulating District's consultant for the 4<sup>th</sup> Part 12D inspection at Conklingville, recommended in his safety inspection report (2019-08) that the Regulating District implement a LiDAR (Light Detections and Ranging) survey program to verify the crest elevation of the embankment at Conklingville and to identify and monitor subsidence and changes which may occur in the surface of the embankment; and

**WHEREAS**, the Federal Energy Regulatory Commission (FERC) thereafter required the completion of such recommendation; and

**WHEREAS**, consistent with state procurement guidelines and Section 136-a of the State Finance Law, staff requested and received annual statements of qualification and performance data from several professional engineering and surveying firms, evaluated three of the most qualified firms, and thereafter determined that MJ Engineering and Land Surveying, P.C. to be the highest qualified firm to complete the work on the project; and

**WHEREAS**, pursuant to Resolution 21-21-06 the Regulating District Board authorized the Executive Director to enter into Contract C022021 with MJ Engineering and Land Surveying, P.C. to establish survey control points, conduct a laser scan survey (LiDAR) of the Conklingville Dam, develop surface mapping, imagery, and sections of the embankment dam in an initial survey in 2021, and update such survey annually in 2022 and 2023, for a not-to-exceed fee of \$19,500; and

**WHEREAS**, MJ Engineering and Land Surveying, P.C. has completed the work effectively and responsibly and, due to the continuing FERC requirement, staff recommend extending the contract with MJ Engineering and Land Surveying, P.C. to continue annual LiDAR survey work for 2024 to 2026; and

**WHEREAS**, MJ Engineering and Land Surveying, P.C. proposes to conduct a laser scan survey (LiDAR) of the Conklingville Dam, and develop surface mapping, imagery, sections of the embankment dam, and provide digital and paper images of the surface mapping and sections annually in 2024, 2025, and 2026, for a not-to-exceed fee of \$22,500.

**NOW THEREFORE BE IT RESOLVED**, the Board of the Hudson River-Black River Regulating District hereby authorizes the Executive Director to accept MJ Engineering and Land Surveying, P.C.'s January 24, 2024 proposal and to execute an amendment to Contract C022021 for completion of the amended scope of work for an amount not-to-exceed \$22,500.00 bringing the total contracted not-to-exceed price to \$42,000.

Approved as to form:



Robert P. Leslie  
General Counsel

Motion was made by Mr. Reagan and seconded by Mr. Bird that the Resolution be approved.

Present and voting:

<u>MEMBER</u>	<u>AYE</u>	<u>NOE</u>	<u>ABSTAIN</u>
Mr. Finkle.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Mr. Hayes.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Mr. DeWitt.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Mr. Bird.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Mr. Candido.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Mr. Reagan.....	<u>  X  </u>	<u>      </u>	<u>      </u>
Ms. Allen.....	<u>  X  </u>	<u>      </u>	<u>      </u>