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MICHAEL P. McLAUGHLIN, JR.  
DEPUTY COUNTY EXECUTIVE

November 14th, 2024

Honorable Joanne Cunningham  
Albany County Legislature  
112 State Street, Room 710  
Albany, New York 12207

Dear Chairwoman Cunningham,

This legislative request is for the contract authorization for an agreement with National Grid for the construction of a rooftop solar array on the MVP Arena Parking Garage and the installation of new electric vehicle charging stations.

The County has been working with National Grid and Centrica Business Solutions on a feasibility study and engineering analysis of the MVP Arena Parking Garage to add a solar array on the roof of the garage and install 52 new electric vehicle charging stations within the garage. The feasibility study and analysis have been completed, and there is a total cost estimate of \$7,921,747.

This solar array is a 1.06 Megawatt DC system that is estimated to produce 1.15 Gigawatts per hour annually, which results in an estimated year one cost savings of \$154,552. The increase in electrical output within the parking garage will allow for the installation of 52 new charging stations with the electrical infrastructure able to support a total of 72 electric vehicle charging stations. This new station availability results in an estimated annual fuel cost savings of \$16,941. Funding for this project will be coming from the County Green Bond, HHG4. There are expected Federal and State incentives that will offset the cost of the project, as well as funding from NYSERDA's Clean Energy Community Program that the County is currently eligible for.

Sincerely,

Daniel P. McCoy  
Albany County Executive

cc: Hon. Dennis Feeney, Majority Leader  
Hon. Frank Mauriello, Minority Leader  
Rebekah Kennedy, Majority Counsel  
Arnis Zilgme, Minority Counsel