AMENDMENT TO H.R. 4
OFFERED BY MR. LIPINSKI OF ILLINOIS

Page 261, line 25, strike “; or” and insert “under the zero-emission technology development program established under section 538(e) of the FAA Reauthorization Act of 2018; or”.

Page 263, after line 10, insert the following:

(e) RESEARCH AND EVALUATION OF NEW TECHNOLOGIES.—

(1) ESTABLISHMENT.—The Secretary of Transportation shall establish a zero-emission technology development program—

(A) to facilitate the development of commercially viable zero-emission vehicles, technology, and related infrastructure; and

(B) to minimize the risk of deploying such vehicles, technology, and infrastructure.

(2) GENERAL AUTHORITY.—

(A) ASSISTANCE TO NONPROFIT ORGANIZATIONS.—The Secretary may provide assistance under the program to not more than 3 geographically diverse eligible organizations to
conduct zero-emission technology and infrastructure projects.

(B) FORMS OF ASSISTANCE.—The Secretary may provide assistance under the program in the form of grants, contracts, and cooperative agreements.

(3) SELECTION OF RECIPIENTS.—

(A) NATIONAL SOLICITATION.—The Secretary shall—

(i) conduct a national solicitation for applications for assistance under the program; and

(ii) select the recipients of assistance under the program on a competitive basis.

(B) CONSIDERATIONS.—In selecting from among applicants for assistance under the program, the Secretary shall consider—

(i) the ability of an applicant to contribute significantly to furthering zero-emission technology as the technology relates to airport operations;

(ii) the financing plan and cost-share potential of the applicant; and

(iii) other factors, as the Secretary determines appropriate.
(C) PRIORITY.—In selecting from among applicants for assistance under the program, the Secretary shall give priority consideration to an applicant that has successfully managed advanced transportation technology projects, including projects related to zero-emission transportation operations.

(4) ELIGIBLE PROJECTS.—A recipient of assistance under the program shall use the assistance—

(A) to conduct research on, and demonstrations of, zero-emission technologies and related infrastructure at airports;

(B) to evaluate the credibility of new, unproven vehicle and energy-efficient technologies in various aspects of airport operations prior to widespread investment in the technologies by airports and the aviation industry;

(C) to collect data and make the recipient’s findings available to airports, so that airports can evaluate the applicability of new technologies to their facility; and

(D) to report the recipient’s findings to the Secretary.

(5) ADMINISTRATIVE PROVISIONS.—
(A) Federal share.—The Federal share of the cost of a project carried out under the program may not exceed 80 percent.

(B) Terms and conditions.—A grant, contract, or cooperative agreement under this subsection shall be subject to such terms and conditions as the Secretary determines appropriate.

(6) Eligible organization defined.—In this subsection, the term “eligible organization” shall include—

(A) an nonprofit organization described in section 501(c)(3) of the Internal Revenue Code of 1986 and exempt from taxation under section 501(a) of such Code; and

(B) a university transportation center receiving grants under section 5505 of title 49, United States code, a national lab, and a center of excellence if the organization, center, or lab has expertise in zero-emission technology.

(7) Funding.—The Secretary shall carry out this subsection using funds made available under section 48102 of title 49, United States Code, beginning in fiscal year 2019.