
To modify Federal Law dealing with highway traffic lights

In the House of Representatives

February 4, 2021

The Traffic Light Act of 2021

Section 1

With the passage of this Act, Congress requests that the Federal Highway Administration (FHWA) solicit bids for new technologies to solve the problem of queuing traffic at traffic lights with the goal of substantially reducing wait times. The new lights must employ solar energy (with battery backup) , utilize state-of-the art materials and software design, effectively communicate with autonomous vehicles, while maintaining or improving current safety levels. The general design requirements and formal Request for Quote (RFQ) shall be released to potential bidders by December 31, 2023. As a part of this process, FHWA will work with autonomous vehicle manufacturers to develop a standard protocol interface for utilization with the new traffic light system.

Section 2

Bids may only be submitted by American owned companies and the product(s) must be assembled in the United States to mil spec standards.

Section 3

The winner of the bid shall be chosen on July 1, 2025. The winning bid must have provided a demonstratable, working product that meets or exceeds the specifications outlined in the RFQ by having been field tested for at least three months in both high and low volume traffic flow environments. The winning bidder will be chosen based on the lowest cost while meeting all requirements of the RFQ and have passed a financial viability assessment by the Department of the Treasury.

Section 5

The federal government will purchase at least 100,000 units of this new product (with accessories) for deployment on all U. S. highways by the end of 2028. All sales of this product to state and local transportation departments must be at the same price, regardless of the quantity ordered. The winning bidder is free to sell this new product to any entity outside of the United States and its territories without any form of export duty to the United States.

Note:

Like all proposals from the Laws Made Simple Group (<http://democracyatwork.com>), this bill is designed to be accepted as is, without any changes in wording, amounts, dates and without any amendments. Most bills presented for consideration contain fewer than one thousand words. The Group requests that the Speaker of the House employ the "Up and Down" voting method for its bills being offered for consideration. While our overall goal is to reduce federal expenditures, we rely on the expertise of others to calculate the real cost of this proposal.