

**First Regular Session  
Seventy-fifth General Assembly  
STATE OF COLORADO**

**REENGROSSED**

*This Version Includes All Amendments  
Adopted in the House of Introduction*

LLS NO. 25-0335.01 Richard Sweetman x4333

**SENATE BILL 25-011**

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**SENATE SPONSORSHIP**

**Daugherty and Simpson,** Baisley, Cutter, Kipp, Michaelson Jenet, Wallace

**HOUSE SPONSORSHIP**

**Weinberg and Brown,**

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**Senate Committees**

Transportation & Energy  
Finance  
Appropriations

**House Committees**

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**A BILL FOR AN ACT**

101      **CONCERNING THE USE OF ARTIFICIAL-INTELLIGENCE-ENABLED**  
102      **DETECTION COMPONENTS TO MITIGATE WILDFIRES.**

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**Bill Summary**

*(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at <http://leg.colorado.gov>.)*

The bill requires the division of fire prevention and control (division) in the department of public safety (department) to establish public-private agreements with one or more private partners, by which agreements the state may allocate responsibility or risk to one or more private partners to develop and operate wildfire detection components. The bill also creates the front line innovation and response efficiency cash

Shading denotes HOUSE amendment. Double underlining denotes SENATE amendment.  
Capital letters or bold & italic numbers indicate new material to be added to existing law.  
Dashes through the words or numbers indicate deletions from existing law.

SENATE  
3rd Reading Unamended  
April 25, 2025

SENATE  
Amended 2nd Reading  
April 24, 2025

fund (FIRE fund) in the state treasury. The money in the FIRE fund is annually appropriated to the department to be expended by the division for the purposes of the bill.

In current law, money in the unused state-owned real property fund is continuously appropriated to the department of personnel for several purposes, including paying for public-private agreements and associated costs. Of the money that is appropriated for this purpose, the bill requires the general assembly to transfer the following amounts to the FIRE fund:

- For the 2025-26 state fiscal year, up to \$1,000,000;
- For the 2026-27 state fiscal year, \$2,000,000; and
- For the 2027-28 state fiscal year, \$3,000,000.

The department is required to include information concerning the division's activities under the bill in the department's annual report to the legislative subject matter committees.

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1 *Be it enacted by the General Assembly of the State of Colorado:*

2 **SECTION 1. Legislative declaration.** (1) The general assembly  
3 finds that:

4 (a) Colorado has experienced a sharp rise in wildfire activity in  
5 recent years, including the 20 largest fires and the 5 most destructive fires  
6 in the state's history;

7 (b) The growing size, duration, intensity, costs, and impacts of  
8 wildfires create a dangerous environment that endangers firefighters and  
9 threatens entire communities;

10 (c) In response, the division of fire prevention and control within  
11 the department of public safety has collaborated with local fire  
12 departments, counties, and federal partners to develop more effective and  
13 efficient wildfire preparedness and response strategies;

14 (d) These efforts include adopting cutting-edge technologies such  
15 as wildfire detection cameras that are designed to quickly identify  
16 potential threats, ensure faster response times, and enhance firefighter  
17 safety;

1 (e) So far, the existing network of more than 40 cameras deployed  
2 across Colorado has proven highly valuable;

3 (f) These cameras provide on-demand visual intelligence that  
4 allows officials to swiftly assess emerging incidents, coordinate with  
5 jurisdictional agencies, and efficiently direct critical air and ground  
6 resources to the right locations;

7 (g) The integration of wildfire cameras with artificial intelligence,  
8 or "AI", can play a crucial role in safely and efficiently increasing the use  
9 of prescribed fires;

10 (h) AI-integrated cameras provide multiple vantage points to  
11 detect and pinpoint fire activity, monitor fires, and support fire managers  
12 in executing prescribed fire projects; and

13 (i) AI technology is an invaluable asset in improving forest health  
14 and reducing wildfire risks, benefitting communities as well as fire  
15 management agencies.

16 (2) The general assembly therefore declares that the safety of the  
17 people and property within the state is served by the use of AI-integrated  
18 cameras by the division of fire prevention and control within the  
19 department of public safety.

20

21 SECTION 2. In Colorado Revised Statutes, 24-33.5-1228, add  
22 (2.5)(f) as follows:

23 24-33.5-1228. Colorado firefighting air corps - creation -  
24 powers - aircraft acquisitions required - center of excellence -  
25 unmanned aircraft systems study and pilot program - Colorado  
26 firefighting air corps fund - creation - report - deployment of  
27 detection components - rules - definitions. (2.5) (f) (I) AS USED IN THIS

1 SUBSECTION (2.5)(f), UNLESS THE CONTEXT OTHERWISE REQUIRES:

2 (A) "CAMERA STATION" MEANS ONE OR MORE CAMERAS AND  
3 ASSOCIATED HARDWARE THAT ARE CAPABLE OF GENERATING A  
4 THREE-HUNDRED-SIXTY-DEGREE PANORAMIC VISUAL FEED AND UTILIZING  
5 PAN, TILT, AND TWENTY TIMES OR GREATER ZOOM OPERATIONS.

6 (B) "DETECTION COMPONENT" MEANS AN  
7 ARTIFICIAL-INTELLIGENCE-ENABLED WILDFIRE DETECTION AND  
8 INTELLIGENCE SOLUTION THAT INCLUDES A COHESIVE, INTERCONNECTED  
9 COLLECTION OF CAMERA STATIONS, ARTIFICIAL INTELLIGENCE DETECTION  
10 CAPABILITIES, SOFTWARE, AND COMPREHENSIVE SERVICES.

11 (C) "END USER" MEANS AN INDIVIDUAL WHO IS AUTHORIZED BY A  
12 VENDOR AGREEMENT TO HAVE ACCESS TO THE LIVE FEED OF A DETECTION  
13 COMPONENT.

14 (D) "FUND" MEANS THE FIRE TECHNOLOGY CASH FUND CREATED  
15 IN SUBSECTION (2.5)(f)(IV) OF THIS SECTION.

16 (E) "PRESCRIBED FIRE" HAS THE MEANING SET FORTH IN SECTION  
17 29-22.5-102 (7).

18 (F) "VENDOR AGREEMENT" MEANS AN AGREEMENT BETWEEN THE  
19 DIVISION AND ONE OR MORE QUALIFIED VENDORS, WHICH AGREEMENT  
20 REQUIRES THE VENDOR TO COMMUNICATE TO EACH END USER THE  
21 REQUIREMENTS OF SECTION 18-7-801 CONCERNING CRIMINAL INVASION OF  
22 PRIVACY, CONTAINS A PROVISION FOR PROVIDING PUBLIC NOTICE BY THE  
23 VENDOR, ALLOWS THE STATE TO ALLOCATE RESPONSIBILITY OR RISK TO  
24 ONE OR MORE VENDORS TO DEVELOP AND OPERATE A DETECTION  
25 COMPONENT, AND DEFINES THE SCOPE OF SUCH RESPONSIBILITY OR RISK.

26 (II) (A) AS NEEDED, THE DIVISION MAY ISSUE A REQUEST FOR  
27 QUALIFICATIONS FROM PRIVATE ENTITIES FOR THE PURPOSES OF THIS

1     SECTION. THE REQUEST FOR QUALIFICATIONS MUST SEEK PROPOSALS FOR  
2     A DETECTION COMPONENT THAT CAN BE PROCURED AS A COMPREHENSIVE  
3     SERVICE PROVIDED BY A VENDOR TO ENSURE THAT THE DEPLOYMENT,  
4     OPERATION, AND MAINTENANCE OF THE DETECTION COMPONENTS ARE  
5     PERFORMED BY THE VENDOR.

6             (B) THE DIVISION SHALL DEVELOP A LIST OF THE MOST QUALIFIED  
7     VENDORS THAT SUBMIT PROPOSALS PURSUANT TO SUBSECTION  
8     (2.5)(f)(II)(A) OF THIS SECTION.

9             (C) THE DIVISION MAY ESTABLISH VENDOR AGREEMENTS WITH  
10    ONE OR MORE OF THE VENDORS THAT SUBMIT PROPOSALS PURSUANT TO  
11    SUBSECTION (2.5)(f)(II)(A) OF THIS SECTION.

12            (III) A DETECTION COMPONENT DEPLOYED PURSUANT TO THIS  
13    SECTION MUST:

14            (A) BE PLACED IN A LOCATION THAT ENABLES TRIANGULATION OF  
15    CAMERA STATIONS AND OTHER TECHNOLOGY TO PROVIDE PRECISE  
16    LOCATIONS OF FIRES DETECTED BY THE STATEWIDE COVERAGE NETWORK  
17    OF DETECTION COMPONENTS;

18            (B) PROVIDE A LIVE FEED OF INFORMATION THAT CAN DISCOVER,  
19    LOCATE, AND CONFIRM IGNITION OF A FIRE, WHICH FEED REFRESHES AT  
20    LEAST ONCE PER MINUTE AND IS MONITORED BY AN ARTIFICIAL  
21    INTELLIGENCE SYSTEM CAPABLE OF IDENTIFYING WILDFIRE IGNITIONS AT  
22    A DISTANCE OF AT LEAST TEN MILES;

23            (C) MONITOR FIRE BEHAVIOR;

24            (D) PROVIDE ENHANCED SITUATIONAL AWARENESS FOR  
25    EVACUATION AND FIRE RESPONSE ACTIVITIES;

26            (E) ENSURE THAT CONTAINED AND PRESCRIBED FIRES ARE  
27    MONITORED APPROPRIATELY;

1           (F) INCLUDE A SOFTWARE INTERFACE FOR FIRE AGENCIES AND  
2 OTHER END USERS THAT ALLOWS FOR REAL-TIME FIRE DETECTION ALERTS,  
3 THREE-HUNDRED-SIXTY-DEGREE CAMERA STATION VIEWS, AND ZOOM  
4 CAPABILITY AS WELL AS OTHER NECESSARY MONITORING FUNCTIONALITY;  
5 AND

6           (G) USE PIXELATION OR ANOTHER BLURRING TECHNOLOGY TO  
7 PROTECT THE PRIVACY OF PRIVATELY OWNED, HUMAN-MADE STRUCTURES.

8           (IV) (A) THE FIRE TECHNOLOGY CASH FUND IS CREATED IN THE  
9 STATE TREASURY. THE FUND CONSISTS OF == ANY == MONEY THAT THE  
10 GENERAL ASSEMBLY MAY APPROPRIATE OR TRANSFER TO THE FUND FOR  
11 THE PURPOSES OF THIS SECTION. THE MONEY IN THE FUND IS ANNUALLY  
12 APPROPRIATED TO THE DEPARTMENT TO BE EXPENDED BY THE DIVISION  
13 FOR UTILIZATION OF FIRE DETECTION RESPONSE AND MANAGEMENT  
14 TECHNOLOGIES, DEPLOYMENT OF DETECTION COMPONENTS THROUGH  
15 VENDOR AGREEMENTS, AND UTILIZATION OF TECHNOLOGICAL TOOLS THAT  
16 ENABLE ADVANCEMENT IN FIRE DETECTION AND MITIGATION PRACTICES.

17           (B) THE STATE TREASURER SHALL CREDIT ALL INTEREST AND  
18 INCOME DERIVED FROM THE DEPOSIT AND INVESTMENT OF MONEY IN THE  
19 FUND TO THE FUND. ANY MONEY REMAINING IN THE FUND AT THE END OF  
20 A STATE FISCAL YEAR REMAINS IN THE FUND.

21           (C) THE DEPARTMENT MAY SEEK, ACCEPT, AND EXPEND GIFTS,  
22 GRANTS, AND DONATIONS TO PAY THE COSTS OF IMPLEMENTING THIS  
23 SECTION. ANY GIFTS, GRANTS, AND DONATIONS RECEIVED BY THE  
24 DEPARTMENT SHALL BE CREDITED TO THE FUND. NOTWITHSTANDING ANY  
25 PROVISION OF THIS SUBSECTION (2.5)(f) TO THE CONTRARY, THE DIVISION  
26 SHALL NOT ENTER INTO A VENDOR AGREEMENT THAT COMMITS THE  
27 DIVISION TO CONTINUE FUNDING FOR A TECHNOLOGY PURCHASED

1     THROUGH A SINGLE GIFT, GRANT, OR DONATION.

2             (V) IN ITS ANNUAL REPORT TO THE LEGISLATIVE COMMITTEES OF  
3     REFERENCE PURSUANT TO SECTION 2-7-203, THE DEPARTMENT SHALL  
4     INCLUDE INFORMATION CONCERNING THE ACTIVITIES OF THE DIVISION  
5     PURSUANT TO THIS SECTION DURING THE PRECEDING YEAR.

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7             **SECTION 3. Act subject to petition - effective date.** This act  
8     takes effect at 12:01 a.m. on the day following the expiration of the  
9     ninety-day period after final adjournment of the general assembly; except  
10    that, if a referendum petition is filed pursuant to section 1 (3) of article V  
11    of the state constitution against this act or an item, section, or part of this  
12    act within such period, then the act, item, section, or part will not take  
13    effect unless approved by the people at the general election to be held in  
14    November 2026 and, in such case, will take effect on the date of the  
15    official declaration of the vote thereon by the governor.