

BOARD MEETING DATE: May 7, 2021

AGENDA NO. 3

**PROPOSAL:** Execute Contract for Global Positioning Systems Installation and Monitoring, Amend Awards for Carl Moyer and Community Air Protection Programs and Appropriate Funds for Proposition 1B - Goods Movement Emission Reduction and Lower Emission School Bus Programs

**SYNOPSIS:** To enhance enforcement of projects funded under the Carl Moyer Program, Global Positioning System (GPS) units are installed on marine vessels to monitor operations in the South Coast AQMD. On August 7, 2020, the Board approved the release of a Request for Proposals (RFP #P2021-01) to solicit bids from qualified GPS vendors. This action is to execute a contract for the installation of GPS units on incentive program-funded equipment and provide GPS data monitoring services in an amount not to exceed \$400,000 from the administrative portions of the Carl Moyer Program SB 1107 Fund (32) and Community Air Protection Fund (77). This action is to also amend awards under the Carl Moyer Program and Community Air Protection Program (CAPP). Lastly, this action is to appropriate up to \$75,200 and up to \$60,300 from the administrative portions of the Prop 1B Special Revenue Fund (81) and Carl Moyer AB 923 Special Revenue Fund (80), respectively, into Information Management's FYs 2020-21 and/or 2021-22 Budgets, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds, for development of the Grant Management Systems (GMS).

**COMMITTEE:** Technology, April 16, 2021; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Authorize the Chairman to execute a contract with CalAmp Wireless Networks Corporation to purchase, install and activate up to 250 Global Positioning Systems equipped with electronic monitoring units and provide monitoring services for incentive program-funded projects in an amount not to exceed \$400,000, including \$200,000 each from the administrative portions of the Carl Moyer Program SB 1107 Fund (32) and Community Air Protection Program Fund (77);

2. Amend awards, approved in January 2021, to Larsen Land and Cattle Co. LLC and R.A. Landreth Equipment Incorporated to increase the amount awarded from \$410,521 to \$438,882 from the Community Air Protection Program Fund (77), and from \$154,673 to \$379,982 from the Carl Moyer Program Fund (32), respectively;
3. Appropriate up to \$75,200 from the administrative portion of the Prop. 1B Goods Movement Special Revenue Fund (81) into Information Management's FYs 2020-21 and/or 2021-22 Budgets, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for the development of the Proposition 1B Goods Movement Emission Reduction Program (Prop 1B) GMS; and
4. Appropriate up to \$60,300 from the administrative portion of the Carl Moyer Program AB 923 Special Revenue Fund (80) into Information Management's FYs 2020-21 and/or 2021-22 Budgets, Professional and Special Services and/or Capital Outlays Major Objects and reimburse the General Fund (01) using administrative funds for development of the Lower Emission School Bus Program GMS.

Wayne Natri  
Executive Officer

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### **Background**

South Coast AQMD administers voluntary incentive-based programs, such as the Carl Moyer Program, to reduce NOx and PM emissions from mobile sources. For marine vessel projects funded by South Coast AQMD incentive programs, including the Carl Moyer Program, Rule 2202 Air Quality Investment Program (AQIP) and Community Air Protection Program (CAPP) Incentives, South Coast AQMD requires that these marine vessels operate at least 75 percent of the time in South Coast AQMD waters, which is defined as the areas between the Northern Coastal Boundary of the Ventura and Los Angeles County border, and the Southern Coastal Boundary of the San Diego and Orange County border. As a condition of their contract, marine vessel project awardees must agree to the installation of a GPS device equipped with an electronic monitoring unit (EMU) to assist South Coast AQMD with enforcement of the 75 percent operational requirement. The basic function of the GPS unit is to determine location (latitude, longitude), time and date on a continuous or periodic basis. The EMU must be capable of storing data collected by the GPS for transmission to South Coast AQMD. Staff is also reviewing the option of expanding the use of GPS systems for locomotives and on-road heavy-duty trucks as part of an effort to devise effective strategies, such as a trade-down approach, for maximizing the use of limited incentive funds.

Requirements for GPS-EMU systems are that they accurately collect miles traveled or hours operated within South Coast AQMD boundaries and geo-fence regions, determine percent of operation within South Coast AQMD boundaries, track distance, and operate in all ambient temperatures and weather conditions in California. Monitoring data is transmitted to the South Coast AQMD in real-time and on a periodic basis.

On August 7, 2020, South Coast AQMD released RFP #P2021-01 to solicit bids from qualified vendors for the purchase, installation, tracking and monitoring of GPS devices equipped with EMUs for marine vessels, and potentially other types of vehicles and equipment.

In January 2021, the Board approved awards for “Year 22” Carl Moyer Program and SOON Provision. Staff has identified the need to adjust the funding amounts for Larsen Land and Cattle Co. LLC and R.A. Landreth Equipment, Inc. because of errors in data entry and project life determination.

In addition, the Board approved the release of Program Announcements for two incentive funding programs, including the Lower Emission School Bus Program in October 2020 and the Proposition 1B – Goods Movement Program in November 2020. To facilitate the application process for these programs, staff identified the need for an online application process and GMS. A new GMS was developed for these programs in time for the application period and greatly assisted many applicants with the application process and will maximize efficiencies with the internal review and approval processes.

### **Proposal**

Staff recommends that the Board approve execution of a contract with CalAmp Wireless Networks Corporation in an amount not to exceed \$400,000 to purchase, install and activate GPS devices for marine vessels and other incentive program-funded equipment and provide GPS data monitoring services and GPS data reporting to South Coast AQMD to assist with enforcement of the 75 percent operational requirement within South Coast AQMD waters.

This action is also to amend two awards to Larsen Land and Cattle Co. LLC and R.A. Landreth Equipment, Inc. as specified below:

Applicant	Funding Source	Original Award (January 2021)	Recommended Award	Amount of Increase
Larsen Land and Cattle Co. LLC	AB 617 CAPP	\$410,521	\$438,882	\$28,361
R.A. Landreth Equipment, Inc.	Carl Moyer Program	\$154,673	\$379,982	\$225,309

The funding amount for Larsen Land and Cattle Co. LLC was increased by \$28,361 due to data entry errors. The project life for R.A. Landreth Equipment, Inc. was increased from two to five years as allowed by the Off-Road Regulation, and as a result, increased their award amount by \$225,309.

This action is to appropriate up to \$75,200 from the administrative portion of the Prop 1B Goods Movement Special Revenue Fund (81) and up to \$60,300 from the administrative portion of the Carl Moyer Program AB 923 Special Revenue Fund (80) into Information Management’s FYs 2020-21 and/or 2021-22 Budgets, Professional and Special Services and/or Capital Outlays Major Objects, for the development of Prop 1B and Lower Emission School Bus Program GMS. This appropriation will reimburse expenses incurred for the initial development of the GMS systems that were released in time to assist and streamline the application process and to enhance efficiencies in staff review and approval processes for these programs.

**Proposal Evaluation**

Bids were solicited from qualified vendors for GPS-EMU systems, hardware and software providers and/or service providers that can meet the requirements discussed above. After no proposals were received by the initial November 2020 deadline, the deadline was extended to January 2021. Only one proposal was subsequently received by the closing date of the RFP.

Evaluation of the proposal was conducted by South Coast AQMD staff comprising of three panel members: two males and one female; two Asian/Pacific Islander and one Caucasian. The panel determined that CalAmp Wireless Networks Corporation met the requirements of the RFP.

**Outreach**

In accordance with South Coast AQMD’s Procurement Policy and Procedure, a public notice advertising the RFP/RFQ and inviting bids was published in the Los Angeles

Times, the Orange County Register, the San Bernardino Sun, and Riverside County Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may have been notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFP/RFQ has been e-mailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on South Coast AQMD's website (<http://www.aqmd.gov>).

**Resource Impact**

Total cost of the proposed contract with CalAmp Wireless Networks Corporation will be in an amount not to exceed \$400,000, including \$200,000 each from the administrative portion of the Carl Moyer Program SB 1107 Fund (32) and Community Air Protection AB 134 Fund (77).

The increase in award amounts for Larsen Land and Cattle Co. LLC and R.A. Landreth Equipment, Inc., will be from the Community Air Protection AB 134 Fund (77) and the Carl Moyer Program SB 1107 Fund (32), respectively.

Sufficient funding is available from the administrative portions of the Prop 1B Goods Movement Special Revenue Fund (81) in the amount up to \$75,200 for Prop 1B GMS development and from the Carl Moyer Program AB 923 Special Revenue Fund (80) in the amount up to \$60,300 for Lower Emission School Bus Program GMS development.