

**Sole Source
Written Determination**

Agency Identification: Department of Labor Licensing and Regulation – R36

Description of the agency need that this procurement fulfills: *(See instructions on last page for guidance)*

The SC Fire Academy (SCFA) provides specialized live firefighter training for the use of fighting fires at airports in which the continual use of flammable liquid is required.

Describe the Market Based on Research Performed: *(See instructions on last page for guidance)*

Based on a Firefighting Training Fuel Comparative Evaluation by the US Dept. of Transportation Federal Aviation Administration, the Tek-Flame product showed lowest output and the most rapid dissipation of smoke produced by the burning fuels used for training purposes. Data from three (3) lab tests demonstrated that the Tek-Flame product met the highest standards in regard to smoke density testing. We made phone calls to Bureau of Fire Marshal – NJ, and seared the internet websites of Univar Solutions and RelaDyne.

Sole Source Vendor Name: Sun Coast Resources Inc.

Based upon the following determination, Agency proposes to acquire the supplies, construction, information technology, and/or services described herein from the vendor named above per SC Code Ann § 11-35-1560 and SC Regulation 19-445.2105, Sole Source Procurement.

Description of supplies, construction, information technology, and/or services vendor will provide under the contract: *(See instructions on last page for guidance.)*

Tek-flame fuel

Explain why the described solution is the only solution that meets the agency's need and how no other identified solutions were sufficient. *(See instructions on last page for guidance)*

Tek-Flame is manufactured by Exxon Chemical company and blended/distributed by Sun Coast Resources. This product is unique in that it is the only product that meets the high caliber of standards as set forth by the Environmental Protection Agency (EPA) relative to the safety of both firefighter trainees and the safety of the citizens of our state. The SCFA has determined that in an effort to reduce the environmental impact of live firefighter training and to assist in meeting the requirements of the EPA, no other fuel source is suitable or acceptable to meet the need. Sun Coast Resources, Inc. is the sole distributor of the Tek-Flame fuel.

Note: Determination is not complete without required signatures and dates

Required Signatures:

Prepared by: Diane Wright

Date: 08/15/2025

Printed Name: Diane Wright

Title: Procurement Manager

Approved by: Kathryn N Britt

Approval Date: 8/19/2025

Printed Name: Kathryn Britt

Title: Deputy Director of Administration

The last page contains instructions and is not required to be retained.