1. Service Overview

Contractor agrees to provide to the California Department of Public Health Substance and Addiction Prevention Branch (CDPH/SAPB) the services described herein.

In accordance with its mission to protect the health of all Californians and pursuant to Health and Safety Code Sections 131085 and 10435-104330 and terms of the Department Federal Grant number 1NU17CE925000; CFDA 93.136 from the Centers for Disease Control and Prevention, funds were awarded to CDPH/SAPB as part of the Overdose Prevention Initiative aimed at reducing rates of drug misuse and overdose -- a significant public health issue in California. This contract will be executed with the Office of the Chief Medical Examiner, City and County of San Francisco to improve detection of potent synthetic novel opioid use (e.g., novel opioids and fentanyl analogs), and opioid-stimulant polysubstance use. The data will be shared with CDPH/SAPB to inform actions and interventions.

2. Service Location

The services shall be performed at applicable facilities within California's geographic region.

3. Service Hours

The services shall be provided during normal contractor working hours.

4. **Project Representatives**

A. The project representatives during the term of this agreement will be:

California Department of Public Health	Office of the Chief Medical Examiner City and County of San Francisco
Erika Pinsker, M.P.H, Ph.D. Telephone: (916) 440-7293 E-mail: Erika.Pinsker@cdph.ca.gov	David Serrano Sewell Chief Operating Officer
	Telephone: (415) 641-3699 E-mail: David.Serranosewell@sfgov.org

B. Direct all inquiries to:

California Department of Public Health Substance and Addiction Prevention Branch	Office of the Chief Medical Examiner City and County of San Francisco
Attention: Shanna Schneider Chief, Program Support Unit 1616 Capitol Avenue, MS 8701 Sacramento, CA 95814	Attention: Luke N. Rodda, PhD Chief Forensic Toxicologist, and Director, Forensic Laboratory Division
Telephone: (916) 440-7391 E-mail: Shanna.Schneider@cdph.ca.gov	Office of the Chief Medical Examiner 1 Newhall Street San Francisco, California 94124
	Telephone: (415) 641-3688 E-mail: Luke.Rodda@sfgov.org

C. All payments from CDPH/SAPB to the Contractor; shall be sent to the following address:



D. Either party may make changes to the information above by giving written notice to the other party. Said changes shall not require an amendment to this agreement.

5. **Progress Reports or Meetings**

- A. Contractor shall submit progress reports or attend meetings with state personnel at intervals determined by CDPH/SAPB to determine if the Contractor is on the right track, whether the project is on schedule, provide communication of interim findings, and afford occasions for airing difficulties or special problems encountered so that remedies can be developed quickly.
- B. At the conclusion of this agreement and if applicable, Contractor shall hold a final meeting at which Contractor shall present any findings, conclusions, and recommendations.

6. Services to be Performed

Contractor shall perform the following services:

Goal 1: Enhance Forensic Toxicology

- A. Objective 1: Improve detection of potent synthetic novel opioid use (e.g., novel opioids and fentanyl analogs), and opioid-stimulant polysubstance use
 - 1) Major Task/Activities:
 - a. Develop a selective synthetic novel opioid LC-MS/MS method for routine analysis.
 - b. Order enhanced forensic toxicology testing for identified suspected drug overdose deaths.
 - c. Develop a protocol to answer the question "Was the suspected overdose death due to consumption of an opioid, stimulant, or combined administration of both?", consequently improving the accuracy of fatal drug overdose surveillance.
 - 2) Time Line:
 - a. The timeline of the primary service performed is subject to Contractor's discretion.
 - 3) Deliverables/Performance Measures:
 - a. Submit brief report detailing progress on the major tasks/activities, including the status of Objective 1. above, to CDPH/SAPB quarterly, with invoice. Due dates are as follows:
 - i. March 31, 2022
 - ii. June 30, 2022
 - iii. September 30, 2022
 - iv. December 31, 2022

- v. March 31, 2023
- vi. June 30, 2023
- vii. August 31, 2023
- B. Objective 2: Be in consistent communication with CDPH/SAPB
 - Major Task/Activities:
 a. Maintain consistent and effective communication with CDPH/SAPB, as necessary.

Goal 2: Evaluate Success of Enhanced Forensic Toxicology Program

- **C. Objective 3:** Qualitative Description of Program Successes
 - 1) Major Task/Activities:
 - a. In one to two pages, describe how the Enhanced Forensic Toxicology Program improved the City and County's medico-legal death investigative process and surveillance of suspected drug overdose deaths (i.e. introduced the ability to detect potent novel opioid and fentanyl analogs previously out of the scope of routine forensic toxicology testing in fatal overdose casework; correlate detections in casework with established opioid and stimulant protocols to better establish route of administration). Describe how the Enhanced Forensic Toxicology Program assisted the county in overcoming a previously identified barrier/challenge, if any.
 - 2) Timeline: Once per grant year
 - 3) Deliverables/Performance Measures:
 - b. Submit a qualitative description of program successes to CDPH/SAPB by:
 - i. August 15, 2022
 - ii. August 15, 2023