



DATE: September 26, 2023  
TO: Angela Calvillo, Clerk of the Board  
FROM: Sailaja Kurella, Director of Office of Contract Administration and Purchaser  
SUBJECT: Resolution to approve Term Contract 61621– Dosimetry Monitoring Services

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Enclosed is the resolution authorizing the Office of Contract Administration (“OCA”) to enter into a Term Contract (TC61621, PeopleSoft Contract ID 1000027338) with Radiation Detection Company (“RDC”) for a total not-to-exceed (“NTE”) amount of \$420,000, commencing on December 1, 2023 and ending November 30, 2028, for an initial term of five years. City may extend the agreement for two additional years for a total contract term of seven years.

In the performance of the services, RDC must maintain certain City data for a period greater than ten years, thereby necessitating Board approval pursuant to San Francisco Administrative Code 9.118(b) which provides that new contracts with a duration greater than or equal to ten (10) years require the approval of the Board of Supervisors.

### **Justification**

City employees, particularly those providing healthcare, veterinarian, dental, and emergency response services, can be exposed to radiation in the performance of their work. These employees include those working for the Department of Public Health (DPH), Medical Examiner’s Office (MEO), Animal Care and Control (ACC), and Department of Public Works (DPW). To ensure an employee’s exposure to radiation does not exceed permissible levels at any one time or over the course of the employee’s lifetime, and to ensure compliance with applicable laws and regulations,<sup>1</sup> City departments must provide their employees dosimeter badges by which to continuously and regularly monitor their individual exposure to radiation (“dosimetry services”).

Under TC61621, RDC will be performing the dosimetry services described above. These services will include providing City personnel with RDC’s proprietary radiation detection badges which employees will wear when working and test kits by which employees can detect radiation leaks. The data collected by these badges and kits is then sent to RDC where it is recorded, monitored and reported. Subject to City’s data retention safety protocols, RDC will retain the data in perpetuity. This enables City to access an employee’s complete radiation exposure data from RDC at any point in time and provide it to an employee upon request regardless of the length of time between the exposure and the employee’s request. Such information is vital to: (a) the evaluation and determination of employees’ radiation exposure levels while employed by the City; and (b) with respect to current and future inquiries or legal claims, demonstrating City’s compliance with applicable statutes, rules, and regulations governing workplace radiation exposure levels.

RDC was selected pursuant to Administrative Code Section 21.5(d) pursuant to OCA solicitation waiver ID OCAWVR0007107. RDC’s ionized radiation personnel dosimetry system is proprietary to RDC. This proprietary system consists of, among other things: RDC’s dosimeter badges and enclosures, reading and analysis equipment, and RDC-developed algorithms by which to determine actual versus effective exposure. RDC performs these services in an accredited laboratory. Because the dosimetry services offered by RDC are proprietary to RDC, they



cannot be analyzed or substituted by other vendors.

Based on data from 2018 through 2022, OCA estimates City will purchase approximately \$60,000 of dosimetry services from RDC per year, for a total contract value of \$420,000. The breakdown of this estimate is provided below.

Department	2018-2022	Annual Avg
ADM GSA - City Administrator	\$ 17,021	\$ 3,404
DPH Public Health	\$ 227,034	\$ 45,407
DPW GSA - Public Works	\$ 5,641	\$ 1,128
<b>Grand Total</b>	<b>\$ 249,696</b>	<b>\$ 49,939</b>

Contract Not to Exceed Amount	
Annual Average 2018-2022	\$ 49,939
20% Contingency	\$ 9,988
<b>Total Estimated Annual Spend</b>	<b>\$ 59,927</b>
<b>7 Year Estimated Spend</b>	<b>\$ 419,489</b>

## Summary

The services provided by RDC are an essential part of the City’s radiation safety program to minimize harmful occupational radiation exposures for a wide range of City employees, including those providing healthcare, veterinarian, dental, and emergency response services. It is essential for RDC to retain an employee’s radiation exposure data in perpetuity so that City is able to access such data at any time, regardless of whether the employee still works for City, to evaluate radiation exposure levels, and to show City complied with all applicable statutes, rules, and regulations governing exposures. Approval of this resolution will allow City departments to continue procuring legally mandated dosimetry services for its employees, thereby ensuring they can continue to provide uninterrupted essential services to the residents of San Francisco.

If you have any questions or require additional information, please contact Lorna Walker at 628-652-1639 or [Lorna.Walker@sfgov.org](mailto:Lorna.Walker@sfgov.org).

## Enclosures:

1. TC61621 Dosimetry Services Resolution
2. S.F. Ethics Commission form 126f4, Notification of Contract Approval
3. TC61621 Dosimetry Services Proposed Agreement

<sup>1</sup> California Code of Regulations CCR Title 17, Division 1, Chapter 5, Subchapter 4, Group 3, Article 6, Section 30333.2(g) <https://www.law.cornell.edu/regulations/california/17-CCR-30333.2>; Federal Regulations US Nuclear Regulatory Commission US NRC 10 CFR 20, Subpart L, Section 20.2106(f) <https://www.nrc.gov/reading-rm/doc-collections/cfr/part020/part020-2106.html>