



Meeting Date: July 23, 2026

To: Public Works Commission

Through: Carla Short, Public Works Director
Scott Anderson, Deputy Director for Project Delivery

From: Lisa Zhuo, Project Manager

Subject: Trash Can Sensor Monitoring System - Professional Services Contract Award

Director's Recommendation: Award a professional services contract for Request for Proposals for the Trash Can Sensor Monitoring System in the amount of \$929,900 for 1,095 consecutive calendar days to Sensoneo, Inc. to supply, install, activate, monitor, and maintain 3,000 trash can sensors in City trash cans.

Contract Background: San Francisco Public Works is responsible for maintaining approximately 3,000 trash cans located throughout the City. Public Works seeks a solution that enables proactive monitoring of public trash cans to reduce street litter, enhance community cleanliness, improve operational efficiency, and provide real-time monitoring to improve waste management services. Currently, when a trash can overflows, Public Works is notified only if a resident reports the issue via the City's 311 Customer Service Center. Overflowing trash cans are not only unusable and unsightly, but they also contribute to street litter and public inconvenience.

Solicitation Process: Public Works issued a Request for Proposals on March 9, 2026, to solicit new trash can sensors and a sensor monitoring system. The proposal evaluation consisted of the following phases and point values:

1. Minimum Qualifications – pass/fail review
2. Written Proposal – 100 points
3. Product Demonstration – 100 points
4. Price Proposal – 100 points

Public Works received five proposals on April 16, 2026, Public Works staff reviewed all five proposals and determined that four proposals met the minimum qualifications, and advanced to the written proposal evaluation by a panel by an evaluation panel of subject matter experts. The top three proposals from the written proposal evaluation were invited to provide live product demonstrations to the panel members on May 27, 2026. The price proposals were opened and scored after the completion of the product Demonstration. The total scores from the written proposal, product demonstration, and price proposal evaluations were calculated, and Sensoneo, Inc. was ranked the highest among the four proposers.

Contract Details:

Contract Title:	Trash Can Sensor Monitoring System (Contract ID 1000038704)
Personal Services Contract No.:	PSC DHRPSC0005545, dated February 2, 2026
Contract Award Amount:	\$929,900.00
Contract Funding Sources (if applicable):	Solid Waste Fund
Anticipated Project Schedule:	Anticipate NTP: August 2026 Anticipate Contract End: August 2029
Contract Duration:	3 Years (1,095 calendar days) with options to extend up to 3 additional years
Contractor Name:	Sensoneo, Inc.
Compliance with Chapter 14B Local Business Enterprise Ordinance:	The Contract Monitoring Division (CMD) waived the LBE subcontracting requirement.
Other Compliance:	Insurance; Minimum Compensation Ordinance; Health Care Accountability Ordinance; Cyber Risk Assessment, and Chapter 19B Surveillance Technology review requirements, as applicable
Additional Information:	N/A
Attachments:	Attachment 1: CMD14B0005875 Waiver Approval Attachment 2: PSC DHRPSC0005545 Attachment 3: Final Proposal Scores and Ranking

**PUBLIC WORKS COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

RESOLUTION NO. _____

WHEREAS, San Francisco Public Works maintains public trash cans throughout San Francisco; and

WHEREAS, Public Works seeks to implement a trash can sensor monitoring system to proactively monitor public trash cans, reduce street litter, enhance community cleanliness, improve operational efficiency, provide real-time monitoring, and improve waste management services; and

WHEREAS, on February 2, 2026, the Civil Service Commission approved the Professional Services Contract under PSC No. PSC0005545, authorizing Public Works to contract for trash can sensor monitoring system services; and,

WHEREAS, Public Works issued a Sourcing Event ID 10146, Request for Proposals for the Trash Can Sensor Monitoring System on March 09, 2026 to solicit new trash can sensors and a new integrated sensor monitoring system; and,

WHEREAS, Public Works received five (5) proposals on April 16, 2026; and determined that four (4) proposals met the Minimum Qualifications and advanced to proposal evaluation; and,

WHEREAS, Public Works evaluated the proposals, conducted product demonstrations with the top three (3) shortlisted proposers, reviewed price proposals, and determined that Sensoneo, Inc. received the highest overall evaluation score and was ranked first; and,

WHEREAS, The Local Business Enterprise subcontracting participation requirement has been waived by the Contract Monitoring Division (CMD) pursuant to waiver CMD14B0005875; and,

RESOLVED, That this Commission hereby approves the award of the Trash Can Sensor Monitoring System contract to Sensoneo, Inc, in the amount of \$929,900 and for a duration of 1,095 consecutive calendar days.

I hereby certify that the foregoing resolution was adopted by the Public Works Commission at its meeting of _____.

Commission Affairs Manager
Public Works Commission

Zhuo, Lisa (DPW)

From: CCSF IT Service Desk <ccsfedt@service-now.com>
Sent: Thursday, July 2, 2026 8:22 AM
To: Sy, Don (DPW); Macaranas, Belle (DPW); Dhonyo, Norbu (ADM); Zhuo, Lisa (DPW)
Subject: CMD14B0005875 – '14B Requirements' has been Approved



Contract Monitoring Division

Dear Lisa Zhuo,

This is to inform you that CMD14B0005875 - '14B Requirements' has been approved.

Requester: Lisa Zhuo

Department: DPW

LBE Participation Requirement Waiver Justification: 14B.8(A) (Lack of Subcontracting Opportunities)

Approved PreBid #: 14BPREDID0002816

Supplier ID: 0000061231

Requested total cost: \$1,000,000.00

Contract ID: 1000038704

Waiver Start Date: 2026-07-20

Waiver End Date: 2032-08-20

Short Description: Trash Can Sensor Monitoring System

Reason for determination: 14B.8(A) (Lack of Subcontracting Opport

[Take me to the CMD 14B Waiver Request](#)

Thank you.

Ref:TIS6772453_GD4LUCP2gTPu2URccMck

Zhuo, Lisa (DPW)

From: The Civil Service Commission <ccsfdt@service-now.com>
Sent: Thursday, February 5, 2026 8:29 AM
To: Williams, Yuna (DPW); Sy, Don (DPW); Macaranas, Belle (DPW); Robertson, Bruce (DPW); Washington, Ben (DPW); Marquez, Jennifer (DPW); Zhuo, Lisa (DPW)
Subject: DPW [DHRPSC0005545] was approved by CSC on 2026-02-02



**CIVIL SERVICE COMM
CITY AND COUNTY OF**

NOTICE OF CIVIL SERVICE COMMISSION ACTION

Hello Belle Macaranas,

At its meeting on **2026-02-02 14:00:00 PST**, the Civil Service Commission had for its consideration the DPW PSC [DHRPSC0005545].

The Civil Service Commission, APPROVED PSC [DHRPSC0005545] on 2026-02-02.

CSC Approval Type: Approval Granted

Relevant Comments:

If this matter is subject to Code of Civil Procedure (CCP) Section 1094.5, the time within which judicial review must be sought is set forth in CCP Section 1094.

NOTE: It is important that a copy of this action be kept in the department files as you will need it in the future as proof of Civil Service Commission approval. Please share it with everyone responsible for follow-up.

CIVIL SERVICE COMMISSION

Sandra Eng | Executive Officer

PSC Summary

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Record Number: DHRPSC0005545 v 1.0

Description of Proposed Work: Citywide Trash Can Sensors

Request Type: New

Approval Type: CSC Approval

CSC Review Reason(s):

 CSC Approval by Amount

Submitting Department: DPW

Dept PSC Coordinator: Belle Macaranas

Dept PSC Coordinator Email: belle.macaranas@sfdpw.org

Dept PSC Coordinator Phone: +1 (628) 271-3138

DHR Admin/Reviewer: Suzanne Choi

CSC Admin/Reviewer: Elizabeth Aldana

PSC Amount: \$500,000.00

PSC Duration (months): 72

Funding Source(s): City Funds

Scope of Work: Citywide Trash Can Sensors: The Selected Proposer (Vendor) will provide a comprehensive trash can sensor system and associated services to improve the management and maintenance of San Francisco's public trash cans, tasks included: 1) Deliver Furnish and install 3,500 trash can sensors in existing public trash can receptacles across designated locations within the City of San Francisco. 2) Provide a Data Management and Monitoring System with associated licenses and user rights that can be integrated with existing City systems. 3) Conduct training sessions and onboarding for Public Works staff to ensure they can effectively use the data management and monitoring system. 4) Provide ongoing regular maintenance on the trash can sensors.

Job Class(es): 1823 - Senior Administrative Analyst, 5212 - Engineer/Architect Principal, 5211 - Eng/Arch/Landscape Arch Sr

PSC Justification(s)

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 Service for which City lacks the necessary facilities/equipment

[Take me to the PSC Record](#)

Ref:TIS6438514_bBWoeji7uJS1yo8MUJvn



Bruce Robertson, Deputy Director | Financial Management & Administration
bruce.robertson@sfdpw.org | T. 628.271.3128 | 49 South Van Ness Ave. Suite 1600, San Francisco, CA 94103

May 29, 2026

Sensoneo, Inc.
651 N Broad St., Suite 201
Middletown, DE 19709

Attn: Roman Gdovjak

VIA E-MAIL: roman.gdovjak@sensoneo.com

Subject: Public Works RFP No. 10146 – Notice of Final Evaluation Results
Trash Can Sensor Monitoring System

Dear Roman,

Thank you for participating in the Request for Proposals for the Trash Can Sensor Monitoring System. Public Works has completed the final evaluation. Sensoneo, Inc. was ranked first based on the final scores and rankings, which are attached for reference.

In accordance with the RFP, Sensoneo, Inc. is eligible to proceed with contract negotiations and award, subject to all required City approvals.

Any response to this notice must be submitted in writing to Belle Macaranas at belle.macaranas@sfdpw.org within five (5) working days from the date of this notice.

Sincerely,

DocuSigned by:
A handwritten signature in blue ink that reads "Bruce Robertson".
63398308AB81447...

Bruce Robertson
Deputy Director of Financial Management & Administration

cc: Public Works – Liza Zhuo, Project Manager

Attachment: Final Scores and Rankings



City and County of San Francisco
San Francisco Public Works



FINAL SCORES AND RANKINGS

May 29, 2026

Sourcing Event ID 10146

Request for Proposals
Trash Can Sensor Monitoring System

Proposer	Written Proposal Average Score	Product Demo Average Score	Price Proposal Score	CMD Rating Bonus ²	Total Final Score (Max 300 Points)	Rank ³
Sensoneo, Inc.	96.50	96.67	96.46	0.00	289.63	1
Senzary LLC	89.75	84.67	100.00	0.00	274.42	2
Enevo, Inc.	95.00	78.33	97.08	0.00	270.41	3
EcoVision Environmental ¹	68.00	0.00	0.00	0.00	68.00	4

Notes:

¹ EcoVision Environmental did not advance beyond the Written Proposal phase and was not evaluated for Product Demo and Price.

² Based on the Contract Monitoring Division(CMD) determination, no CMD rating bonus applies because all proposers are non-LBEs and none included an LBE joint venture partner.

³ In accordance with the RFP, the highest-ranked Proposer is eligible to proceed with contract negotiations and award, subject to all required City approvals.