



Thurston County Sheriff's Office
Thurston County, Washington
2000 Lakeridge Drive SW
Olympia, Washington 98502

REQUEST FOR PROPOSAL (RFP)
Procurement of a portable handheld mass spectrometer device.

Solicitation Documents

RFP Issuance Date: September 6, 2023

All solicitation documents, including any addenda, are published on the Thurston County website at: <https://www.thurstoncountywa.gov/tchome/Pages/rfprfq.aspx>

Proposal Due Date

Proposals are due by 3:00 p.m. PST on September 29, 2023

Proposal Acceptance Location

Sealed Proposal will only be received by:

Thurston County Sheriff's Office
2000 Lakeridge Drive S.W.
Olympia, WA. 98502
Phone: 360-709-5931

Thurston County reserves the right to reject any and all Proposals, cancel this solicitation, and to waive any informalities or irregularities in procedure.

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SECTION 1 – INTRODUCTION/PURPOSE

1.1 INTRODUCTION

Thurston County, Washington, Office of the Sheriff is soliciting Proposals from qualified firms or individuals to provide cost proposals for a portable handheld mass spectrometer detection device.

1.2 PURPOSE

It is the purpose of this solicitation to secure equipment from a single qualified firm or individual that will comply with requirements in the below.

1.3 MINIMUM QUALIFICATIONS:

Following are the minimum qualifications that proposing firms must meet in order to submit a response to this RFP. Proposals must clearly show compliance to these minimum qualifications. Proposals that are not clearly responsive to these minimum qualifications shall be rejected by the County without further consideration.

- A. Qualified firms must be legally qualified, licensed, insured, staffed, and equipped to supply the relevant equipment.
- B. Qualified Proposers must have supplied equipment of similar size and scope to other government agencies within five years prior to this RFP.
- C. Proposers must not have had any contracts terminated for cause or terminated for default by a government agency in the five years prior to the proposal submittal date.
- D. Proposers must not have had any lawsuits with judgments against the Proposer in the five years prior to the Proposal submittal date.
- E. The County will use federal funding for this procurement. Therefore, Proposers must not be suspended or debarred from doing business with the federal government.

1.4 PROCUREMENT NOTIFICATION:

This project is a formal competitive procurement and will be advertised in 'The Olympian' and is open to all qualified contractors. All solicitation documents are published on the Thurston County website at <https://www.thurstoncountywa.gov/tchome/Pages/rfprfq.aspx>.

SECTION 2 – OVERVIEW OF SERVICES REQUESTED

2.1 DESCRIPTION

The Thurston County Sheriff's Office requests Proposals from qualified firms or individuals to provide a portable handheld mass spectrometer detection device as indicated in this RFP.

2.2 BACKGROUND INFORMATION

The Corrections Facility is a 107,800 sq. ft., 395 bed facility with low, medium, and maximum-

security inmate housing. In addition, the Options Building, which is temporarily closed, houses 96. The main facility has four dorms, four pods, a transfer area and intake.

In recent months, the Sheriff's Office has seen an increase in fentanyl contraband within the jail as well as fentanyl overdoses. It is our hope that procurement of a portable handheld mass spectrometer detection device will help locate fentanyl within the jail and reduce the number of overdoses.

2.3 STATEMENT OF EQUIPMENT SPECIFICATIONS

The Sheriff's Office seeks proposals for handheld devices that meet the following specifications:

1. Identification capability (Drugs / fentanyl-based compounds)

The mass spectrometer device must provide accurate onboard identification of a range of drugs, including fentanyl-based compounds. The mass spectrometer device should be able to identify trace amounts (less than 1%) of drugs which have been applied to or otherwise embedded in paper, mail, or other material for the purpose of smuggling illicit drugs into jails or other secure facilities.

2. Fentanyl classification

The mass spectrometer detection device must be able to alarm to a suspect or novel fentanyl analog which cannot be directly identified based on the device's onboard library. Third party performance testing is required to ensure validation of performance against drugs and PBAs / fentanyl.

3. Core technology

Must allow for quick start-up (<1 minute) and speedy identification of threats (<2 minute).

4. Self-test on start

Upon start up, the mass spectrometer detection device must automatically conduct internal checks to ensure all components of the device are working properly.

Check must take less than five minutes at a temperature of 20 °C. If there are issues with any of the parameters, the appropriate error will be shown, with guidance for resolution.

5. Multi-phase sample detection

The mass spectrometer detection device must be capable of analyzing gas/vapor, solid/liquid, and aerosol samples. Solid/liquid samples must be able to be detected and identified in either bulk or trace (residue) quantities. Aerosols must be detected while also monitoring for potential vapor threats. This will allow detection of a wide range of threats in multiple states of matter.

6. Lightweight handheld use-mode

The mass spectrometer detection device (including battery) must weigh less than 10 lbs.

7. Power considerations

The mass spectrometer detection device must operate on a field-replaceable battery providing more than 3 hours of battery life during active use.

8. Mass range

The mass spectrometer detection device must have a m/z (amu) range of at least 50 to 500 enabling a variety of chemical threats to be detected/identified to include TICs, CWAs, FGAs, PBAs, drugs, fentanyl, and explosives.

9. Continuous monitoring in multiple modes of operation

The drug detection device must be capable of continuous monitoring in both aerosol and gas/vapor mode providing real-time detection of airborne threats. This will allow for a wide range of threats in multiple states of matter to be monitored and identified in the field.

10. Limits of detection

The mass spectrometer detection device must be able to detect and identify threats at trace or near-trace levels (not visible to the user) in all phases (liquid, solid, aerosol and vapor) in harsh, real-world environments (less-than-pure) and in the presence of common interferents (Windex, Masking Agents, etc.).

11. Fully integrated system

The mass spectrometer detection device must be entirely self-contained with a built-in computer requiring no outside components to function to allow operation by one person wearing chemical protective clothing/apparel in the contaminated area.

12. Vacuum system

Mass spectrometer detection device must include an internal vacuum system, to minimize maintenance and consumables. No external vacuum system can be required.

13. Audible alarms

The mass spectrometer detection device must alarm for threat chemicals both visually on the GUI and with an audible sound. Users must be able to activate or deactivate the audible alarms as needed.

14. On-Screen results

The mass spectrometer detection device must provide clear, unambiguous results when targets are identified. Alarm result should be color coded with a specific color for a highly confident result, which should also include CAS number and primary hazard on the main result screen. Suspected results which don't fully meet the

threshold or criteria for the highest confidence alarm should be color coded with a different color for user clarity.

15. Reports

The mass spectrometer detection device must store all data collected automatically and have the ability to recall data and export results information from the device to an external media in a variety of commonly viewable formats, including PDF and JPEG.

16. Warranty/Technical Support/Reach back

The mass spectrometer detection device should offer full warranty and support coverage for a stated time period, to include 24 / 7 technical and reach back support for assistance with data interpretation or technical issues, and all software / library updates.

17. Scheduled maintenance

The mass spectrometer detection device must not require scheduled maintenance or consumables for vapor analysis to minimize the burdens and costs of ownership.

18. Battery charge display

The mass spectrometer detection device battery must display visual indication of charge state on both the battery itself and on screen. This enables operators to quickly assess spare battery charge state without testing.

19. Ruggedness MIL-STD 810G

Mass spectrometer detection device must be independently certified to meet MIL-STD-810G (Drop durability test) with a certified independent report available.

2.4 PROCUREMENT PERIOD

The County anticipates that it will purchase a portable handheld mass spectrometer device by or before the end of 2023.

2.5 COMPENSATION

Submit a Firm-Fixed Price Quote for the equipment described in this RFP package.

2.6 ELIGIBLE USERS

This RFP may be used by other governmental agencies to procure a portable handheld mass spectrometer device.

SECTION 3 – ACQUISITION TIMELINE AND GENERAL REQUIREMENTS

3.1 PROCUREMENT SCHEDULE

Following is the procurement schedule for this RFP. The dates shown below are estimated, are provided for information only, and are subject to change at the sole discretion of the Sheriff's Office.

Table 1: Solicitation and Anticipated Award Schedule

ACTIVITY	ESTIMATED DATE
Date of Issuance	September 6, 2023
Pre-proposal Inquiries Due	September 12, 2023
Responses to Inquires Due	September 19, 2023
Proposals Due	September 29, 2023
Proposal Evaluations	October 10, 2023
Procurement completed	By or before December 31, 2023

3.2 PRE-PROPOSAL QUESTIONS

It is the responsibility of each Proposer to examine the entire RFP and, as necessary, seek clarification (inquiries). This RFP may only be modified by a written addendum issued by the Sheriff's Office. Proposer shall not rely on verbal responses to inquiries. A verbal reply to an inquiry does not constitute a modification of the RFP.

All inquiries regarding this RFP shall be directed in writing (mail or e-mail) to the Thurston County Sheriff's Office, to the attention of:

Captain Andre Muldrew
Thurston County Sheriff's Office
2000 Lakeridge Drive SW
Olympia, Washington 98502
Email: andre.muldrew@co.thurston.wa.us

All pre-proposal Inquiries (PPIs) must clearly identify the name of the inquiring firm or person and the RFP title and section/page number. The deadline for receipt of pre-proposal inquiries from Proposer is 3:00 p.m. (PST) on September 12, 2023. Responses to inquiries will be published on the Thurston County website at <https://www.thurstoncountywa.gov/tchome/Pages/rfprfq.aspx>.

No communication regarding this RFP should be directed to any other County official or employee. All pre-proposal inquiries will be responded to in the form of written addenda.

3.3 EXAMINATION BY PROPOSER

Each Proposer is responsible for examining the RFP prior to submitting a Proposal. Failure to examine the RFP and any errors made in the preparation of a Proposal are at the Proposer's own risk.

The dates contained in this RFP are for informational purposes only. The County makes no warranty as to the accuracy of the dates.

3.4 MODIFICATION/WITHDRAWAL OF PROPOSALS

Written requests to modify or withdraw a Proposal received by the County prior to the scheduled time of closing (i.e., 3:00 p.m. PST on the Proposal Due Date) will be accepted and will be corrected after opening. No oral requests will be allowed. Requests to modify or

withdraw a Proposal must be addressed and labeled in the same manner as the Proposal and marked as a MODIFICATION or WITHDRAWAL of the Proposal. Requests for withdrawal after the time of closing will be allowed at the County's sole discretion.

3.5 PROPOSAL FIRM OFFER

Proposal shall remain firm and unaltered after the time of closing (i.e., 3:00 p.m. PST on the Proposal Due Date) and for ninety (90) calendar days from such date. The County and the Proposer may mutually agree to extend the period during which the Proposal shall remain firm and unaltered.

3.6 PROPOSALS ARE PUBLIC RECORD

If your Proposal contains information considered to be exempt from the Public Records Act, Section 42.56 Revised Code of Washington (RCW), those items must be clearly marked as such and may be returned to you upon request once contract award has been determined.

3.7 CANCELLATION

This RFP may be cancelled at any time and all Proposals may be rejected in whole or in part if the County determined such action to be in the best interest of Thurston County.

3.8 NO OBLIGATION

This solicitation in no manner obligates Thurston County or any of its departments to purchase any of the proposed products until a valid written contract is awarded and approved by the appropriate authorities.

3.9 EXPENSES INCURRED

The County will not be responsible for any costs associated with participation in this RFP to include, but not limited to, preparation, submission, negotiation process, and purchase order execution. All expenses related to the Proposal are the sole responsibility of the Proposer.

3.10 NONDISCRIMINATION

Thurston County hereby notifies all Proposers that it will affirmatively ensure that all will be afforded full opportunity to submit a Proposal in response to this solicitation and will not be discriminated against because of race, color, creed, ethnicity, religion, national origin, age, sex, marital status, veteran or military status, sexual orientation, or the presence of any disability. Implementation of this policy shall be consistent with RCW 49.60.400.

SECTION 4 – PROPOSAL PREPARATION AND SUBMISSION INSTRUCTIONS

4.1 PROPOSAL DUE DATE AND TIME

Proposals prepared in accordance with this RFP will be received by the County at the address below, until 3:00 p.m., PST on the Proposal Due Date. Sealed Proposals must be delivered via certified mail, express delivery, or courier to the address below. Late Proposals will not be considered for selection and will be returned to the Proposer unopened. The County is not responsible for late or misdirected delivery of Proposals.

A Proposer may submit in a sealed package which consists of one (1) original, three (3) duplicate copy sets, and one (1) electronic copy of the Proposal and any Attachments. The original shall be marked ORIGINAL and all other hard copies marked COPY. Proposer shall submit with its Proposal, an exact duplicate of the original Proposal and all associated files on USB Flash Drive in Adobe Acrobat™ format Version 7.0 or higher. If multiple flash drives are used, Proposer shall label the content on each disk/drive.

Proposer's name and address shall be on the outside of the envelope or container. Deliver responses to:

Thurston County Sheriff's Office
Attn: Heidi Thomsen
2000 Lakeridge Drive SW
Olympia, WA. 98502

4.2 PROPOSAL CONTENTS

THE REQUIRED PROPOSAL CONTENTS AND ORDER OF THE CONTENTS FOR THE PROPOSAL SHALL BE AS FOLLOWS.

Cover Letter: Name, address, phone number, fax number, email address, date of submission, and RFP title shall appear on the cover letter to be evaluated.

Proposer's Qualifications and Experience: Describe how proposer meets minimum qualifications (Section 1.3). Provide a list of three similar procurement projects completed within the last three (3) years.

Describe how the proposal meets equipment specifications (Section 2.3).

Cost Proposal: Submit a Firm-Fixed Price Quote for the equipment described in the RFP package.

SECTION 5 - EVALUATION AND SELECTION

This Section describes the method the County will use to evaluate Proposals received in response to this solicitation.

5.1 INITIAL SCREENING OF PROPOSALS

All Proposals will be initially screened for responsiveness and the minimum qualifications outlined in this solicitation. Those Proposals that do not clearly meet the minimum qualifications may be considered nonresponsive and may not be further evaluated.

5.2 EVALUATION CRITERIA

The County will evaluate and score the Proposals based on the following criteria:

EVALUATION CRITERIA	POINTS
Minimum Qualifications identified in Section 1.3 have been met	Go/No Go

EVALUATION CRITERIA	POINTS
Equipment Specification Proposal (Specifications identified in Section 2.3)	20
Cost Proposal	10
Holding and Maintenance Cost	5
Software / Hardware Support	5
Sensitivity to different illicit drugs	10
Warranty	10
Ease of Use / Training	10
Durability	10
System Portability	10
Safety and Environmental Issues	10
Total	100

5.3 EVALUATION PROCESS

The County will evaluate and rank the Proposals according to the evaluation criteria in Section 5.2.

5.4 SELECTION

The County will select the highest-ranked qualified Proposer based on the criteria and evaluation process outlined above.

The County intends to award this procurement without negotiations based on the pricing and information submitted with the Proposal.