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CITY OF PHILADELPHIA

Office of Innovation and Technology
(on behalf of
Philadelphia Fire Department)

REQUEST FOR INFORMATION

FOR

Rugged Mobile Devices

March 10, 2020

Information Session	March 20, 2020 at 09:30-10:30 AM (Local Philadelphia Time) 1234 Market Street, Suite 1800 Philadelphia, PA 19102
Deadline for questions, requests for clarification, or requests for additional information	March 27, 2020 before 05:00 PM (Local Philadelphia Time)
City Responds to Questions	April 3, 2020
Responses to RFI Due	April 17, 2020 before 05:00 PM (Local Philadelphia Time)

JAMES F. KENNEY, Mayor
Mark Wheeler, CIO, Office of Innovation and Technology

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NAME OF RFI
REQUEST FOR INFORMATION

I.   RESPONSE CALENDAR

Post Request for Information	March 10, 2020
Information Session	March 20, 2020 at 09:30 AM (Local Philadelphia Time) 1234 Market Street, Suite 1800 Philadelphia, PA 19107
Deadline for questions, requests for clarification, or requests for additional information (Catherine.Berkery@phila.gov and Gayle.Ruggeri@phila.gov)	March 27, 2020 before 05:00 PM (Local Philadelphia Time)
City Responds to Questions (http://www.phila.gov/rfp)	April 3, 2020
Responses to RFI Due (Catherine.Berkery@phila.gov and Gayle.Ruggeri@phila.gov)	April 17, 2020 before 05:00 PM (Local Philadelphia Time)

II.   PURPOSE OF REQUEST FOR INFORMATION

The Philadelphia Fire Department (PFD) is embarking on a significant initiative to evaluate rugged mobile devices, which will be installed in vehicles to support their operational needs. As part of this initiative, PFD, through the City's Office of Innovation and Technology (OIT), has issued this RFI in order to assess the capabilities, and specifications for rugged devices. The City has issued this Request for Information (RFI) in order to solicit statements of interest, capabilities, and Rough Order of Magnitude (ROM) cost estimates from all Respondents interested in, and capable of, providing rugged mobile devices as part of PFD's solution.

Respondents capable of providing these devices are asked to provide OIT with information regarding their available rugged devices, subject to the following guidelines:

- Identify only rugged devices that meet the City's requirements.
- Focus on interoperability, reliability, durability, usability, availability, and capacity.
- Detail the device specifications, operational requirements and configuration.
- Include these specifications in section V and a description of the solutions capabilities; responses may include one or more models.
- Describe the capabilities of the device, and the configurability to meet the specified requirements and services.

Responses should include pictures/diagrams, information about potential devices and/or types of rugged devices you are able to supply, mounting options and requirements, availability, and discount for volume pricing. If the hardware can be installed and configured only by the Respondent, that must be clearly stated in the Response, including the reasons why that is the case.

Respondents may, in the City's discretion, be invited to engage in discussions with the City's project team and/or demonstrate their products, services and solutions. The City anticipates conducting on-site product evaluations and may ask Respondents to provide one or more demonstration units for such evaluations.

No contract will be awarded pursuant to this RFI. Anyone who does not respond to this RFI is not precluded from responding to any future solicitation issued by the City. The City intends to procure hardware for this project as soon as reasonably possible, in accordance with the City's procurement laws and practices for hardware purchases, which may include, but are not limited to, the use of existing City contracts or certified cooperative purchase agreements. Respondents will not be bound by the ROM cost estimates provided in their responses to this RFI in a future procurement. The City also reserves the right to not procure any hardware.

III. RFI CONTACT INFORMATION FOR QUESTIONS/REQUESTS FOR CLARIFICATION

All questions (see RFI Question Template Exhibit) and requests for clarification concerning this RFI must be in writing and submitted via email no later than 5:00 pm, Local Philadelphia Time, on March 27, 2020 to:

Catherine Berkery	Gayle Ruggeri
Associate Project Manager	Director, RFx and DocuSign Services
Office of Innovation and Technology	Office of Innovation and Technology
Catherine.Berkery@phila.gov	Gayle.Ruggeri@phila.gov

Responses to questions and requests for additional information shall be at the sole discretion of the City. Any additional information and/or responses to questions will be posted only on the City's website at http://www.phila.gov/rfp ("Additional Opportunities"). No additional information and/or responses to questions will be sent by email. Nothing in this RFI shall create an obligation on the City to respond to a Respondent submitting a response.

The City may, in its sole discretion, issue addenda to this RFI containing responses to questions, clarifications of the RFI, revisions to the RFI or any other matters that the City deems appropriate. Addenda, if any, will be posted on the City's website at http://www.phila.gov/rfp ("Additional Opportunities"). It is the Respondent's responsibility to monitor the Additional Opportunities site for Addenda and to comply with any new information.

Oral responses made by any City employee or agent of the City in response to questions or requests for information or clarification related to this RFI are not binding and shall not in any way be considered as a commitment by the City.

If a Respondent finds any inconsistency or ambiguity in the RFI or an addendum to the RFI issued by the City, the Respondent is requested to notify the City in writing by the above deadline for questions and requests for information or clarification.

IV. ABOUT THE CITY OF PHILADEPHIA AND OIT

The City of Philadelphia is the largest city in the Commonwealth of Pennsylvania and the fifth-most populous city in the United States with over 1.5 million residents. Additionally, due to its rich historic and cultural heritage, the region is visited by more than 40 million people each year.

Philadelphia is located in the southeastern section of Pennsylvania and the coterminous city/county covers 143 square miles. The City is bordered by the following counties: Bucks, Montgomery and Delaware in Pennsylvania, and Burlington, Camden and Gloucester in New Jersey.

As an operating department of the City, OIT provides technology and telecommunication services to the City, its employees, and the community. There are over 25,000 city employees in Philadelphia.

V. INFORMATION SESSION
An Informational Session to review the requirements of this RFI will be held in Philadelphia, Pennsylvania at the time and location indicated below.

Date
March 20, 2020 at 09:30 AM
(Local Philadelphia Time)
1234 Market Street, Suite 1800
Philadelphia, PA 19107

Attendance at the Information Session is optional but recommended.

There will be a conference call dial-in number for the Information Meeting

To receive the dial-in information:
- email Catherine Berkery, Catherine.Berkery@phila.gov, by 05:00 PM on March 28, 2020 Local Philadelphia Time
- include the name and email address of who is to receive the dial in information.

VI. ANTICIPATED SOLUTION REQUIREMENTS

Proposed rugged device should include the following specifications functionality, at a minimum:

- Solid State Drive (SSD) required; 256 GB minimum
- Cannot exceed 12 ¾" width
- i5 Processor dual-core minimum
- 16GB memory
- Windows 10 operating system
- Touchscreen capability, with the option of an onscreen keyboard
- An attached stylus
- Fully rugged, MIL-STD810G, IP65 enclosure
- Antenna pass-thru capability
- Two (2) USB ports minimum; One (1) USB 3.0 port minimum
- One (1) Ethernet port
- Wi-Fi capable
- Bluetooth compatible
- Radio Frequency Identification (RFID) compatibility
- Embedded/dedicated Global Positioning System (GPS) – to be virtualized/replicated to separate applications
- 4G LTE multi-carrier mobile broadband
- A three (3) year warranty minimum, five (5) year warranty preferred
- Imaging service must be provided to apply PFD's Gold image to devices
- A device life expectancy of five (5) years

The overarching goal of this initiative is to gather information on rugged mobile devices, which will be mounted in vehicles, which meet the City's requirements for use by Philadelphia Fire Department.

VII. SUBMISSION GUIDELINES

The City expects each Respondent to include in their response to this RFI the following items in the order listed:

Company Overview:
Include company name, physical address, phone number, fax number, and web address, a brief description of the company, its services, business size (total revenue and number of employees),

and point(s) of contact, including name, address, phone and email address. Note the company's operations including the number of years the company has been supporting this solution; location of company's headquarters and all other office locations; and three years of financial data to ensure company stability.

If applicable, please describe any subcontractors or partners with which you have worked, and if those resources will be involved in this initiative. Resumes need not be included.

Experience:

Describe your company/organization's relevant experience (and that of partners, when applicable) with providing rugged mobile devices to major public sector customers. Identify your experience with clients of similar size and scope to the City of Philadelphia, including client name, engagement title, description of engagement, the solution implemented and the methodology used, cost, the start and completion dates of the project, as well as, the name, address and telephone number of a contact person within the client organization.

Product/Device Specification:

Identify one or more device solutions that meet the City's requirements listed above (Section VI). Responses that do not meet the listed minimum requirements will be rejected without review.

A major goal of this RFI is to provide Respondent with an opportunity to inform the City about their devices. Please note applicants must be able to apply PFD's image on the devices. Respondents are encouraged to include pictures and detailed specifications with description of the solution's capability, possible mounting solutions, and mounting or charging dependencies. Respondents invited to the demo are welcome to provide information on their imaging process, as well as compatible vehicle mounting options.

Key Features:

Identify best of breed features included with the product including, at a minimum, the Key Features in Section VI, Anticipated Solution Requirements, and any other features that may not have been mentioned in those requirements.

Support and Maintenance Model:

Provide the anticipated ongoing software maintenance and support services required to sustain the solution including frequency of upgrades and patches/bug releases and the estimated timeframes to complete. Outline the services in your support model including available service level agreements, warranty information, and professional services offered.

Pricing/Licensing Model:

Include a general pricing model and costs for the hardware based upon the information provided in this RFI. Include cost estimates for ongoing support and maintenance for three years, and when those support and maintenance costs begin (i.e. at time of purchase, after implementation, etc.). If applicable, include a list of additional accessories or services/software needed to operate the

system that are not included and must be provided/purchased by the City. Include information on warranty/support and maintenance pricing, general, and volume discounts.

Respondents will not be bound by any cost estimates included in responses to this RFI.

VIII. USE OF RESPONSES

Responses to this RFI may be used by OIT to select a rugged mobile device. Responses will also be used to assist OIT in gathering information for planning purposes, and for purposes of identifying sufficient resources for an implementation initiative.

The City does not intend to announce any further actions taken pursuant to this RFI. If any such announcements are made, at the sole discretion of the City, those announcements will be posted with the original RFI.

The City will notify you if additional information is required in order to evaluate your response to this RFI. Absent such follow up from the City, we respectfully request that respondents refrain from requesting additional information on the status of this RFI. In order to protect the integrity of the City procurement process, City personnel will not respond to requests for additional information on the status or outcome of this RFI, other than as described above.

IX. HOW TO SUBMIT RESPONSES

Respondents should submit their responses electronically (hard copies are unacceptable) in MS Word or Adobe PDF format, as a single document (see note below), to:

Catherine Berkery@phila.gov	Gayle Ruggeri@phila.gov
Associate Project Manager	
Office of Innovation and Technology	Office of Innovation and Technology
Catherine.Berkery@phila.gov	Gayle.Ruggeri@phila.gov

Responses are due April 17, 2020 before 5:00 pm, Local Philadelphia Time.

Note: Response document(s) are limited to 15 MB; if necessary, please submit multiple files or zip/compress the file(s)

X. CONFIDENTIALITY AND PUBLIC DISCLOSURE

Respondents shall treat all information obtained from the City which is not generally available to the public as confidential and/or proprietary to the City. Respondents shall exercise all reasonable

precautions to prevent any information derived from such sources from being disclosed to any other person. No other party, including any Respondent, is intended to be granted any rights hereunder.

XI. RIGHTS AND OPTIONS RESERVED

In addition to the rights reserved elsewhere in this RFI, the City reserves and may, in its sole discretion, exercise any or more of the following rights and options with respect to this RFI if the City determines that doing so is in the best interest of the City:

1. Decline to consider any response to this RFI ("response"); cancel the RFI at any time; elect to proceed or not to proceed with discussions or presentations regarding its subject matter with any Respondent and with firms that do not respond to the RFI; to reissue the RFI or to issue a new RFI (with the same, similar or different terms);

2. Select hardware from a vendor that does not respond to this RFI, or elect not to proceed with any procurement;

3. Waive, for any response, any defect, deficiency or failure to comply with the RFI if, in the City's sole judgment, such defect is not material to the response;

4. Extend the Submission Date/Time and/or to supplement, amend, substitute or otherwise modify the RFI at any time prior to the Submission Date/Time, by posting notice thereof on the City web page(s) where the RFI is posted;

5. Require, permit or reject amendments (including, without limitation, submitting information omitted), modifications, clarifying information, and/or corrections to responses by some or all Respondents at any time before or after the Submission Date/Time;

6. Require, request or permit, in discussion with any Respondent, any information relating to the subject matter of this RFI that the City deems appropriate, whether or not it was described in the response to this RFI;

7. Discontinue, at any time determined by the City, discussions with any Respondent or all Respondents regarding the subject matter of this RFI, and/or initiate discussions with any other Respondent or with vendors that did not respond to the RFI;

8. To conduct such investigations with respect to the financial, technical, and other qualifications of the Respondent as the City, in its sole discretion, deems necessary or appropriate;

9. Do any of the foregoing without notice to Respondents or others, except such notice as the City, in its sole discretion, may elect to post on the City web page(s) where this RFI is posted.

This RFI and the process described are proprietary to the City and are for exclusive benefit of the City. Upon submission, responses to this RFI shall become the property of the City, which shall have unrestricted use thereof.

XII. PUBLIC DISCLOSURE

By submitting a response to this RFI, Respondent acknowledges and agrees i) that the City is a "local agency" under and subject to the Pennsylvania Right-to-Know Law (the "Act"), 65 P.S. §§ 67.101-67.3104, as the Act may be amended from time to time; and ii) responses may be subject to public disclosure under the Act. In the event the City receives a request under the Act for information that a Respondent has marked as confidential, the City will use reasonable efforts to consult with Respondent regarding the response and, to the extent reasonably practicable, will give Respondent the opportunity to identify information that Respondent believes to be confidential proprietary information, a trade secret, or otherwise exempt from access under Section 708 of the Act.

Notwithstanding anything to the contrary contained in this RFI, nothing in this RFI shall supersede, modify, or diminish in any respect whatsoever any of the City's rights, obligations, and defenses under the Act, nor will the City be held liable for any disclosure of records, including information that the City determines in its sole discretion is a public record and/or information required to be disclosed under the Act.

RFI Question Template Exhibit

Question Number	RFI Section # *(If applicable)*	Respondent Name:
		Question(s)
1.		
2.		
3.		
4.		
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6.		
7.		
8.		
9.		
10.		
11.		
12.		

Addendum No # 01

Office of Innovation and Technology

REQUEST FOR INFORMATON

PFD Rugged Mobile Devices

Due to the COVID 19 pandemic the Information Session for the PFD Rugged Mobile Devices will be dial-in only.

To receive the dial-in information email Catherine Berkery, (Catherine.Berkery@phila.gov) , by 05:00 PM on Thursday, March 19, 2020 Local Philadelphia Time

Include the name and email addresses of the individuals who need the dial in information.
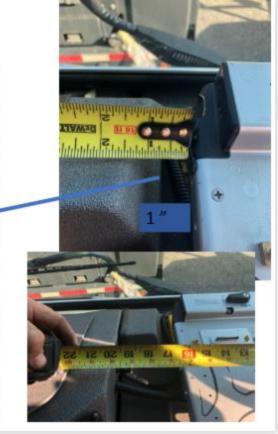
End of Addendum No 01

MDT mounted in Spartan Fire Apparatus

View from officers seat. Dock pulled up to allow Officer to see info. Dock is sitting flat to allow driver to see.
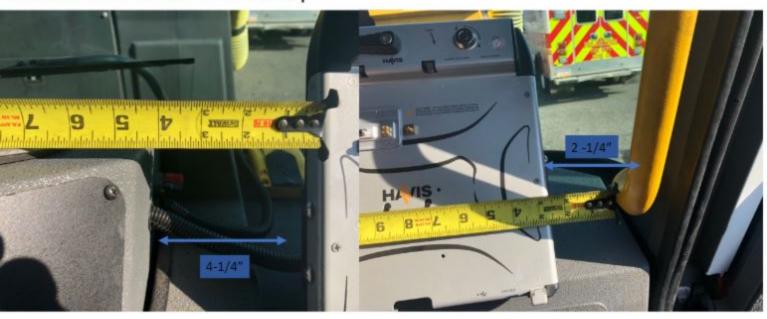
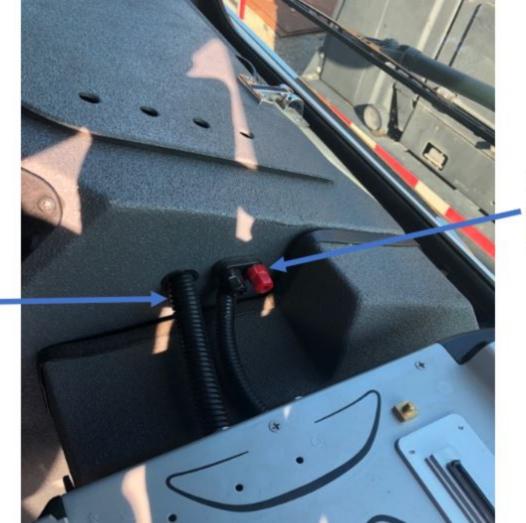# Dash Space

1"

20"

Dock to windshield

3-1/4"

Distance with Dock up

DOCK OVERHANG

Connections

15 AMP Fused Power Studs MDT only

Antenna Wires

City of Philadelphia Rugged Mobile Devices RFI – Question Template

Question Number	RFI Section # *(If applicable)*	Question(s)
Respondent Name:		
1.		
2.		
3.		
4.		
5.		
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8.		
9.		
10.		
11.		
12.		

City of Philadelphia RFI Question Responses – PFD Rugged Mobile Device

#	RFI Section # (If applicable)	Question	Response
1.	Section I. Anticipated Solution Requirements	Is the 12.75" width requirement for computer with a dock or computer only?	This requirement is for the computer.
2.	Section I. Anticipated Solution Requirements	Where is the 12.75" width restriction come from? If space is a concern, is Philadelphia willing to provide pictures of the limited area?	The size restraint came from the maximum size that could fit in one of the vehicles with the least amount of usable dash space. See attached pictures for reference.
3.	Section I. Anticipated Solution Requirements	Are the requirements for ports (USB, RJ-45) for computer only or computer and dock combined?	The computer must have these ports.
4.	Section I. Anticipated Solution Requirements	Is the USB requirement (Two (2) USB ports minimum; One (1) USB 3.0 port minimum) limited to the tablet, keyboard, or both?	The computer must have at least 2 USB ports, and - one USB 3.0 port.
5.	General Inquiries	Does the end user want to routinely remove the device from the vehicle and use in a desktop setting?	Yes.
6.	General Inquiries	What is the current MDT solution being used by Philadelphia FD?	The PFD currently uses Panasonic Toughbook CF-19s dash mounted using HAVIS part #DS-PAN-211-2: CF19 Dock w/RF Pass Thru
7.	General Inquiries	Does the end user have a preference for tablet, laptop or 2-in-1 with detachable keyboard?	PFD does not have a preference; responses must address all requirements in the RFI.
8.	Section I. Anticipated Solution Requirements	Would the end user consider a device less than 13" in width if it met/exceeded all other specifications identified in in the RFI?	Yes.
9.	General Inquiries	Would the end user consider reviewing a rugged laptop that met/exceeded specifications identified in the RFI?	Yes.
10.	General Inquiries	Does the end user have a current mounting solution for their MDTs that they are trying to reuse?	Yes, if possible.

#	RFI Section # *(If applicable)*	Question	Response
11.	General Inquiries	Would the end user be interested in other software solutions that enhance the safety, security, and functionality of the MDT?	Not at the time.
12.	General Inquiries	How many vehicles are in the FD fleet and are mobile devices planned for every vehicle?	There are approximately 190 vehicles in the PFD fleet. No, not every vehicle will have a MDT.
13.		Does the city have a current vendor contract supplying Rugged Mobile Devices for PFD use or is this a new requirement, assuming green lit after RFI responses? If a current contract, can the PFD supply the vendor name and contract number?	Not applicable.
14.		Is possible to provide which CAD and RMS program does the FD use?	The PFD is currently using Northrop Grumman's Macro CAD SS74. The CAD mobile client on MDT is ZClient_V6. PFD is using FireHouse 7.25.28 for RMS, but is also looking for the ability to interface with other platforms in the future.
15.		For IP65: Is it important to City FD users' for Ingress Protection to remain in place when port doors remain open?	Yes, this is desired if possible.
16.		Does Philadelphia see value in (5) dedicated wireless pass-through antennas, including MIMO LAN and WAN?	Yes, we see value in this, but this is not a requirement at this time.
17.		Will FirstNet readiness, PNTM Certification, and band 14 support be an important feature for the future?	Yes, we see value in this, but this is not a requirement at this time.
18.		Is a faster, more resilient Solid State drive desired by the City?	Yes, but it must meet the requirements in the RFI.
19.		What is the frequency for RFID and what is City's use case for RFID?	Not applicable.

#	RFI Section # *(If applicable)*	Question	Response
20.		Is outdoor viewability of display with 1000 NIT important for city users?	Not a current requirement.
21.		What requirements for portability of the Mobile Devices does the city have?	Not applicable.
22.		Does the city require use of a Fingerprint reader?	No.
23.		Does city require use of NFC?	This is not a requirement at this time but may in the future
24.		What type of docking capabilities does the city require?	The docking requirements are related to MDT size, available dashboard space, antenna pass through, and adjustability.
25.		What application software does the city run or plan to run on the Mobile devices?	Refer to question 14 above.
26.		Would it be important to Philadelphia Fire Department users for the device to support BOTH – Fingerprint and NFC?	This is not a requirement at this time but may be in the future