

Dienst Justitiële Inrichtingen
Ministerie van Justitie en Veiligheid

Market consultation

Address

Bezuidenhoutseweg 20
2594 AV Den Haag

**Innovative solution to detect unauthorized devices for
mobile calls inside custodial institutions**

Contactpersoon	Jef Voeten
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Kenmerk	IUC DJI/INKEA/DFO/2021-3

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Introduction

This market consultation aims to obtain more information about the performance and costs of innovative solutions for the detection of unauthorized devices that can be used to make calls within custodial facilities.

The consultation provides benefits for all parties involved:

- The Custodial Institutions Agency (hereinafter DJI) learns about the existing solutions and ongoing development in the market. Based on this input DJI will be able to align the tendering strategy and requirements with the market capabilities.
- The market parties involved, learn at an early stage about the upcoming procurement procedure and the objectives of DJI. Moreover, the market can influence requirements and wishes that will be reflected in the tender documents.

The results of the market consultation may be incorporated into tender documents, without being traceable to the input provided by the participants in this consultation.

Confidentiality

The Contracting Authority will treat all submitted information confidentially and will not disclose it under any circumstances insofar as this is not required by procurement law. Prices and / or rates are excluded from publication. Also excluded from disclosure are questions and answers that are explicitly marked as confidential including examples of solutions described by participating market parties.

About DJI

On behalf of the Minister of Justice and Security, DJI ensures the execution of sentences and custodial measures imposed after a court decision. With 38 branches spread across the country and around 15,000 employees, DJI is one of the largest organizations in the Netherlands. Every year, the DJI houses about 37,000 offenders for a short or longer period of time.

You can find more information about DJI at: www.dji.nl.

1. The market consultation

1.1 Background

Despite the current efforts to trace unauthorized devices for mobile calls, such as inspecting the front door and conducting cell inspections, mobile phones are still found within institutions regularly. The small size of the devices makes it easy to hide them and makes tracing them more difficult. Some devices are no bigger than a key ring, lighter or are hidden in the watch.

For DJI it is important to detect the use of unauthorized smuggled devices for mobile calls, in order to prevent the following social risks:

- the continuation of criminal acts during detention.
- disturbance of order and security within the institutions.
- risks to public order or national security.
- risks for the victims of crimes.

Government-wide objectives

DJI is part of the national government and operates within the government-wide procurement frameworks. These are expressed in the government-wide policy Purchasing with Impact. This includes the objectives to stimulate innovation and sustainability in the ICT sector. The procurement policy will be reflected in the European tender for innovative solutions for detection of devices for calling within DJI correctional facilities. A number of questions within this market consultation relate to these objectives.

1.2 Subject-matter of the market consultation

DJI wants to receive input from market parties about innovative solutions for the detection of devices for mobile calling (3G, 4G and 5G) within areas of correctional facilities, such as cells or recreation areas (between 10 and 45 m²), using a **fixed built-in system**, which will immediately detect any form of mobile calling, in idle mode or at the moment it is turned on or called with it.

What falls outside the scope

DJI is explicitly not looking for a system to take over the entire mobile communication of an establishment.

Foreseen procurement approach

Based on the input received, DJI intends to define its strategy for the future procurement of solutions for some of DJI's 28 correctional facilities.

Every DJI penitentiary has the same need for a properly functioning detection device. In 2021, DJI will start the European procurement for testing a number of solutions and the purchase and implementation of the best tested solution.

For the purpose of the test phase, certain cells and other areas within PI Nieuwegein that are accessible to detainees will be set up with the selected systems, so that any form of mobile calling can be detected. The systems will be hidden/placed in various places so that inmates cannot sabotage them. The results of the test phase will be assessed. If it appears that the pilot has been successfully completed, DJI intends to enter into a framework agreement of 2 or 4 years with the supplier of the best-tested solution for the step-by-step implementation of the solution in multiple correctional facilities.

1.3 Questions

In preparation for the tender described in section 1.2 above, we would like to receive your answers to the following questions:

Performance and Functionalities

1. Can you describe how your solution detects the unauthorized devices?
2. At what distance can your solution detect the unauthorized devices?
3. Through which materials and at what distance can your solution detect the unauthorized devices (including wall, metal, textile, wood, etc.)?
4. What type of alarm (light, sound, indication on map, etc.) does your solution provide?
5. How accurate is the detection?
6. Does the solution store data related to the detected objects? For how long?
7. What noise level does your solution have?
8. What is the size of the detection device?
9. What needs to be adapted to the infrastructure to install the detection device and make it untouchable for inmates (think for example of electricity connection, boxes for hiding the detector, etc.)?
10. Can you demonstrate that the solution is not harmful to health?
11. What other relevant functionality or performance levels does your solution have?

Maintenance and warranties

12. What is the lifespan of your solution?
13. What warranties do you offer on your solution?
14. What maintenance is required?
15. Do you provide updates to the solution? If so, how often and for how many years?
16. Do you provide spare parts and repair of the solution regardless of whether the defects are within warranty?
17. How many years do you guarantee spare parts availability?

Availability and price for testing and implementation

18. Is your solution commercially available? Do you have references from clients who have the solution already in use?
19. Can you describe your approach to testing your solution within a DJI correctional facility? DJI is mainly interested in the following aspects:
 - a. Requirements for the space that must be made available for the test
 - b. Any obstacles you foresee for the optimal setup of the test
 - c. Optimal duration of the test
20. What are the costs for testing the solution prior to purchasing the solution?
21. What do you think is an appropriate budget for the delivery and installation of your solution in a penitentiary unit (1 cel of 10-12m², 1 laundry room of 30-45m² and a recreation area of 30-45m²)? Do you foresee additional costs for maintenance and updates? Will the price change for a larger deployment in several similar departments, with a step-by-step 2- or 4-year implementation?
22. Do you have any recommendations for reducing the costs of purchasing and implementing your solution?

Sustainability

23. What is the energy consumption of the solution?
24. Can you confirm that the plastic parts heavier than 5g do not contain any flame-retardant substances or preparations to which one of the following H-phrases within the meaning of Regulation (EC) No 1272/2008 has been assigned:
 - a. H350 (may cause cancer);
 - b. H340 (may cause heritable genetic damage);
 - c. H360F (may damage fertility);
 - d. H360D (may damage the unborn child).

25. Do the solution manufacturers have an environmental management system, in which concrete measures are taken to reduce the environmental impact of the business processes associated with producing the solution?
26. How much recycled material is in the plastic components of the solution?
27. Do you take care (whether or not via a subcontractor) for the collection, reuse and recycling of the solution at the end of its life? If so, the subcontractor established in the EU? Can you describe how you ensure reuse (of parts) and how recycling takes place?
28. How do you ensure the responsible mining in your supply chain of the (conflict) minerals (cobalt, tantalum, tin, tungsten and gold (also known as 3TG)) present in the product?
29. What other measures do you take to make the production of your solution more sustainable (material origin, energy consumption during production and energy consumption during use)?

Other

30. Can you name ongoing research and development projects with regard to improving relevant technology for tracing mobile (e) calls / telephones?
31. Do you have any other recommendations or comments regarding the formulation of the technical requirements and the organization of the tendering procedure?

2. Procedure of the market consultation

Any interested market party who believes it can contribute to the consultation is invited to participate.

Based on the received input, the DJI project team will select a maximum of five interested market parties who will be asked to hold a dialogue about the offered solutions for the detection of mobile telephony that meets our needs. During this dialogue, DJI would like to delve deeper into the answers to the questions posed.

DJI is explicitly not obliged to invite each party for further explanation, or to provide a statement of the reasons why a party has or has not been selected.

As soon as a maximum of five market parties have been selected, the DJI project team will plan a dialogue with each market party individually.

2.1 Schedule

DJI adheres to the schedule below for this market consultation. DJI is entitled to adjust this schedule in the meantime. The market party cannot derive any rights from this schedule.

Activity	Deadline
Publish market consultation	12 April 2021
Market parties may submit question regarding the subject-matter of this market consultation	20 April 2021
DJI publishes replies to the questions	26 April 2021
Deadline for market parties to submit their input/replies to the questions posed during this market consultation	12 May 2021
Dialogues with a maximum of 5 market parties	20-28 May 2021
Publication market consultation report and end of market consultation	15 June 2021

2.2 Clarifications

Questions and comments about the market consultation can only be addressed to the contact person by e-mail. The contact person at DJI is Mr. Jef Voeten, e-mail address is: j.voeten@dji.minjus.nl.

Please send all correspondence (registrations, questions) by e-mail to the above contact person, quoting the reference IUC DJI / INKEA / DFO / 2021-3.

2.3 Submitting replies to the questions in para 1.3

The answers to the questions must be in the possession of DJI on time, i.e. no later than 12 May 2021. You are invited to send the replies via the following link:

<https://ec.europa.eu/eusurvey/runner/df122bd4-068f-d215-0324-a055f4d5bb0b>

2.4 Sent information

The information sent will be reviewed by the DJI project team. If there is a need from DJI to ask additional questions, these will be asked directly to the interested market party.

2.5 Principles and pre-conditions

The principles and preconditions stated below apply to this market consultation:

- DJI observes the principles of non-discrimination and transparency during this market consultation;
- this document is for consultation purposes only;
- the consultation is not part of the possible tender but a consultation round;
- this consultation is explicitly not intended to make a pre-selection of candidates or interested parties in the context of the intended European tender;
- market parties that do not participate in the consultation are therefore not excluded from participation in the final tender. Nor are market parties participating in the consultation excluded in any way from, or privileged in, any participation in the tender;
- the market consultation does not create any obligations for the market parties or for DJI;
- parties (including parties that do not participate in the consultation) cannot derive any (mutual) obligations or rights towards DJI from this consultation;
- participation in this consultation does not give any right to obtain an assignment;
- costs for participating in this consultation are not reimbursed by DJI;
- participating market parties agree that information supplied by them can be processed anonymously in the schedule of requirements to be further elaborated by DJI;
- information provided by DJI in the context of the consultation may deviate from information to be provided in the tendering procedure;
- the input of participating parties will be treated confidentially as much as possible, whereby account will in any case be taken of the legitimate (business) interests of the parties;
- DJI is in no way bound by the results of the consultation or obliged to realize and / or tender the project to which this consultation relates;
- claims about the use of information, confidentiality, or requests for compensation in connection therewith will not be honored;
- the answers you give to the questions asked will not be evaluated by DJI;
- DJI reserves the right:
 - o to change the schedule as included in this document;
 - o carry out the intended tendering process in terms of form and content in a manner different from the process that may have been communicated;
 - o to suspend this consultation temporarily or permanently.
- By participating in this consultation, the parties indicate that they unconditionally agree with the conditions as stated in this document. In case of inconsistencies with the Dutch version of this market consultation document, the Dutch version prevails.