



United Nations Office of Information and Communication Technology (OICT)

REQUEST FOR INFORMATION (RFI)

This notice is placed by UNPD. The accuracy, reliability and completeness of the contents of furnished information is the responsibility of United Nations Office of Information and Communication Technology (OICT). You are therefore requested to direct all queries regarding this RFI to United Nations Office of Information and Communication Technology (OICT) using the fax number or e-mail address provided below.

Title of the RFI:

Provision of Differential Privacy (DP) Solutions

Date of this RFI: 6 October 2021**Closing Date for Receipt of RFI:** 3 November 2021**RFI Number:** RFIUNPD18969**Beneficiary Country/Territory:** Global**Commodity/Service category:** End User Technology & Applications**Address RFI response by fax or e-mail to the Attention of:** Filloreta Mengri**Fax Number:****E-mail Address:** mengri@un.org**UNSPSC Code:** 43230000**DESCRIPTION OF REQUIREMENTS**

As technology provision partners of the UN Office of Counter Terrorism (UNOCT), The UN Office of Information and Communication Technology (OICT) is working on the goTravel (<https://unite.un.org/goTravel/home>) and goFintel (<https://unite.un.org/goFintel/home>) software products.

UNOCT and Member States' end-users are looking at OICT to provide software solutions that are secure, effective/efficient and also leverage emerging technology to satisfy their requirements of analysing data (large volumes) and reap the benefits from Machine Learning and AI techniques.

The UN does not have any mandate to access data handled by government administrations managing passenger data or financial data. Still, to ensure that the ML and AI algorithms work and learn from the data that the countries own, they need to access this data.

Fairly recent academic papers (2016) show that researchers have mathematically resolved the issue of accessing proprietary data with techniques which do not compromise it (unlike obfuscation or anonymisation) through the concept of "Differential Privacy" > <https://www.youtube.com/watch?v=->



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The UN is hereby seeking responses from entities who could offer DP solutions to train ML and AI algorithms on Member States data without the need to access country-owned data and therefore allowing the UN to respect its mandate to only provide efficient and effective software solutions to Member States without having to access their data (for a better explanation of the issue we are trying to resolve please see <https://www.youtube.com/watch?v=gl0wk1CXIsQ>).

Relevant entity responding to this Request for Information should:

- a) indicate they own/operate a platform implementing the operationalization of DP principles and algorithms
- b) provide a description of the DP platform they own/use
- c) confirm that they are able to demonstrate that their DP software platform can be used in a secure private cloud environment

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SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

NOTE

Information on tendering for the UN Procurement System is **available free of charge** at the following address: <https://www.ungm.org/Public/Notice>

Only the United Nations Global Marketplace (UNGM) has been authorised to collect a nominal fee from vendors that wish to receive automatically Procurement Notices or Requests for Expression Of Interest. Vendors interested in this Tender Alert Service are invited to subscribe on <http://www.ungm.org>

Vendors interested in participating in a potential future solicitation process should submit the Vendor Response Form of this RFI electronically (through the link available on the next page) before the closing date set forth above.



VENDOR RESPONSE

NOTICE

- Companies can only participate in solicitations of the UN Secretariat after completing their registration (free of charge) at the United Nations Global Marketplace (www.ungm.org).
- Please verify that your company is registered under its **full legal** name on the United Nations Global Market Place (www.ungm.org) and that your application for registration as vendor has been submitted to the **UN Secretariat** in the same site, to be able to participate in any potential solicitation process as a result of this RFI.
- While companies can participate in solicitations after completion of registration at Basic Level, we strongly recommend all companies to register at least at **Level 1** under the United Nations Secretariat prior to participating in any solicitations.

PLEASE NOTE: You should submit your response to this RFI electronically at:

<https://www.un.org/Depts/ptd/node/add/interest-expressed?EOI=RFIUNPD18969>

In case you have difficulties submitting your response electronically, please contact mengri@un.org directly for instructions.



RFI INSTRUCTIONS

1) Registering as a Vendor with the United Nations

Vendors interested in fulfilling the requirement described above must be registered at the UN Global Marketplace (www.ungm.org) with the UN Secretariat in order to be eligible to participate in any solicitation. Information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>.

Prerequisites for Eligibility

In order to be eligible for UN registration, you must declare that:

- A. Your company (as well as any parent, subsidiary or affiliate companies) is not listed in, or associated with a company or individual listed in:
 - I. the Compendium of United Nations Security Council Sanctions Lists (<https://www.un.org/sc/suborg/en/sanctions/un-sc-consolidated-list>), or
 - II. the IIC Oil for Food List website or, if listed on either, this has been disclosed to the United Nations Procurement Division in writing.
- B. Your company (as well as any parent, subsidiary or affiliate companies) is not currently removed or suspended by the United Nations or any other UN organisation (including the World Bank);
- C. Your company (as well as any parent, subsidiary or affiliate companies) is not under formal investigation, nor have been sanctioned within the preceding three (3) years, by any national authority of a United Nations Member State for engaging or having engaged in proscribed practices, including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice;
- D. Your company has not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against your company that could impair your company's operations in the foreseeable future;
- E. Your company does not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with the Vendor in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15).
- F. Your company undertakes not to engage in proscribed practices (including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice), with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN.

For Registered Vendors: Vendors already registered at the UN Global Marketplace with the UN Secretariat must ensure that the information and documentation (e.g. financial statements, address, contact name, etc.) provided in connection with their registration are up to date in UNGM. Please verify and ensure that your company is registered under its full legal name.

For Vendors Interested in Registration: Vendors not yet registered should apply for registration on the United Nations Global Marketplace (<http://www.ungm.org>); information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>. Vendors must complete the registration process prior to the closing date of the RFI. Vendors who have not completed the UNGM registration process with the UN Secretariat before the closing date of the RFI are not considered eligible to participate in the potential solicitation process related to the RFI. We strongly recommend all companies to register at least at Level 1 under the UN Secretariat prior to participating in any solicitations.

IMPORTANT NOTICE: Any false, incomplete or defective vendor registration may result in the rejection of the application or cancellation of an already existing registration.

2) RFI Process

Vendors interested in participating in the potential solicitation process should forward their information (as requested in the RFI) to United Nations Office of Information and Communication Technology (OICT) (UNPD) by the closing date set forth in this RFI. *Due to the high volume of communications UNPD is not in a position to issue confirmation of receipt of RFIs.*

Please note that no further details of the potential solicitation can be made available to the vendors prior to issuance of the solicitation documents.

This RFI is issued subject to the conditions contained in the RFI introductory page available at <https://www.un.org/Depts/ptd/rfi>.



