

**REQUEST FOR INFORMATION (RFI)****Title of the RFI:**

FMV (full motion video), sensor data, and geospatial integrated information management tool

Date of this RFI: 15 May 2019**Closing Date for Receipt of RFI at PD:** 15 June 2019**RFI Number:** RFICV210**Address RFI response by fax or e-mail to the Attention of:** Charissa Villamayor**Fax Number:** 917-367-1190**E-mail Address:** villamayor@un.org**UNSPSC Code:** 46151600**DESCRIPTION OF REQUIREMENTS**

United Nations Peacekeeping Missions are geographically dispersed operations needing close to real-time access to georeferenced data. This data is being collected from, among other sources, a broad range of commercial radar and optical satellite, rotary and fixed wing sources generating many types of data including but not limited to, live video feeds (e.g. cameras in UAS, aerostats and towers), satellite imagery archives (e.g. commercially acquired and public sources), LiDAR point clouds, and vector data types. To properly exploit this wealth of information sources, video and still image data need to be classified, tagged and be retrievable and integrated for use when needed through any available communication means, even limited bandwidth ones (e.g. portable SatCom or GSM).

Peacekeeping mission's data reside in databases across the Missions and the Global Service Centre's data centres in Europe (Brindisi, Italy and Valencia, Spain).

This Request for Information seeks to identify vendors and technologies that can provide an off the shelf product suite (e.g. hardware, software, training, licenses) to address these requirements.

United Nations geospatial information standard platform is ArcGIS hence the product suite should support it.

Vendors answering this RFI are kindly requested to address the following points:

1. Does the product support live streaming and post event data upload from remote locations?
2. Does the product support a sensor agnostic solution enabling data management from long range surveillance systems, CCTV, bodycams, UAS, dashcams etc.?
3. Does the product provide a hybrid cloud storage mode in addition to the missions' dispersed sources of storage?
4. Does the product support the installation of on-premise data servers at any UN location?
5. Does the product provide data correlation / analysis of data for immediate consumption at a tactical level in the missions?
6. Does the product provide georeferencing search capability of all images and video?
7. Does the product provide automated report generation for operational planning?

8. Is the product modular and scalable for deployment at sub-unit, sector, Mission HQ and UNHQ levels?
9. Does the product have open interfaces (API, etc.) to integrate with UN applications?
10. Does the product have or can be integrated with additional components for geospatial analysis and possible AI capability that can meet specific UN demands which will evolve with time?
11. Describe how the product interface and/or integrate with an ArcGIS based geographic information system (ArcGIS Server, Portal for ArcGIS, ArcGIS Desktop). How is the product sourcing geospatial information from the ArcGIS system? How is the product feeding geospatial information to the ArcGIS system? Can the product be used from ArcGIS Desktop? Can the product be integrated into web applications developed using the ArcGIS Server JavaScript API?
12. Describe a typical architecture for a multisite deployment of the product (mission sector, mission HQ, general headquarters), factoring in low-bandwidth, high latency links, highlighting the proposed technology solutions to mitigate the volume of video assets throughout the network.
13. Has this product been field deployed? Please mention some reference users if shareable.
14. How long has the product been in the market?
15. Does the product have been used to process large FMV files as those generated by UAVs
16. Important Note: We are not requesting any price information.
 - a. Please explain the licensing scheme? By users, by servers, by source, etc.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

The information gathered from this RFI will be used to determine solution feasibility and design, scope, limits, planning and implementation, and resources required by the UN that address this technology need, for UN Peacekeeping Missions worldwide.

Please note on the following:

1. All costs for preparing a response for the RFI must be covered by the vendor.
2. This RFI is a separate and independent process.
3. The requested information will only be used by the UN for internal planning purposes. All responses will be kept strictly confidential and only authorized personnel will have access to it.
4. The response to this RFI will not be used to pre-qualify vendors.
5. The provided information will not be contractually binding to the vendor.
6. To keep response formats consistent, the responses must be typed into a Word or PDF document..

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>

VENDOR RESPONSE FORM

TO: Charissa Villamayor
Email: villamayor@un.org
FAX: 917-367-1190

RFI Number:

FROM:

SUBJECT: FMV (full motion video), sensor data, and geospatial integrated information management tool

To be filled by the Vendor (All fields marked with an '' are mandatory)*

COMPANY INFORMATION

UNGM Vendor ID Number*:

Legal Company Name (Not trade name or DBA name) *:

Company Contact *:

Address *:

City *:

State:

Country *:

Telephone Number *:

Fax Number *:

Email Address:

Company Website:

We declare that our company fully meets the prerequisites A, B, C, D and E, for eligibility to register with the United Nations as outlined in the paragraph 1 of the RFI INSTRUCTIONS page.

Signature: _____

Date: _____

Name and Title: _____

**** If not already registered with UN Procurement Division, please use the following URL to register at United Nations Global Marketplace (UNGM): www.ungm.org.**

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>.

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 responding should forward their information (as requested in the RFI) to the United Nations Procurement Division (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 planned 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>.