



UN Procurement Division

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 UN Procurement Division. You are therefore requested to direct all queries regarding this RFI to UN Procurement Division using the fax number or e-mail address provided below.

Title of the RFI:

Supply Chain Control Tower

Date of this RFI: 11 May 2022**Closing Date for Receipt of RFI:** 30 June 2022**RFI Number:** RFIUNPD19798**Beneficiary Country/Territory:** Global**Commodity/Service category:** End User Technology & Applications**Address RFI response by fax or e-mail to the Attention of:** Leekyung (Claire) Shim**Fax Number:****E-mail Address:** leekyung.shim@un.org**UNSPSC Code:** 43230000, 43231500, 43231600, 43231606**DESCRIPTION OF REQUIREMENTS**

The Office of Supply Chain Management is looking to further enhance its capabilities by implementing a 'Supply Chain Control Tower.' Control Tower is to transform UN Supply Chain operations and respond swiftly and efficiently to pandemics, natural disasters, political and humanitarian conflicts, and other conditions in which the United Nations operates. Through the implementation of control tower the office would like to combine people, processes, data, and organization, facilitated by appropriately combined technology elements to drive more intelligent decision making and speed up the action. One of the United Nations' primary objectives is to support peacekeeping operations. It runs multiple interdependent business areas, such as medical for staff and troops, engineering to run facilities, transportation for staff and troops, and technology equipment and services for running operations. The control tower aims to provide that overall visibility across the supply chain and horizontal visibility across the business areas.

The goal is to capture, normalize, connect, and use data to provide enhanced near-real-time visibility and in-depth analysis to enable better short-term and midterm decision-making aligned with strategic organizational objectives. In essence, answer the question of 'What's Happening in my Supply Chain right now?'

This high-level objectives are:



1. Visibility for decision making

a) Operational level decision making

The Control tower should provide data to facilitate operational-level decisions related to inventory, transportation/logistics, demand and supply planning, source to acquire, supplier performance. Control tower should also provide visibility across business areas and provide data to facilitate the overall strategy of each business area, whether it be to reduce the carbon footprint or other goals.

b) Strategic level decision making

Control tower should provide data to facilitate tactical and strategic decision-making that changes the course of regular operations and identify improvements that have a cost or a service level impact.

2. Ability to act based on the real-time visibility

a) Make predictions and solutions to address problems (AI component), engaging users to make decisions and for certain scenarios make automatic decisions based on thresholds (financial or other) set.

This predictive capability focuses on human intelligence and self-learning algorithms to predict potential problems, along with an impact analysis and generate alarms for upcoming events and smoothing out data anomalies or flagging them. Furthermore, it engages the user to 'act' or 'decide to avoid the potential problem.

b) Suggestions to prevent future problems: Predictive capability should focus on making suggestions to prevent issues from re-occurring and foster learning.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

- The linkage of data across the supply chain-related systems currently in use, including SAP ECC, SAP SRM, SAP IBP, SAP Transportation Management, SAP Ariba and non- SAP systems such as Electronic Fuel Management System (eFMS), Electronic Rations Management System (eRMS), Aviation Information Management Suite (AIMS), Contract Performance Reporting Tool (CPRT) and United Nations Global Market Place (UNGM) and others.
- Ability to link external data sources such as vendor and freight forwarder portals, other external sources customs data, weather data, shipment data commodity prices, container rates, carbon prices and regulatory and customer data, etc.
- Capture both structured and unstructured data, internal and external — to provide enhanced visibility for short- and midterm decision-making aligned with strategic organizational objectives.
- In each pillar, combine the five elements of people, process, data, organization, and supporting technologies.
- Each identified pillar/use case provides data, in the form of alerts, dashboards with visualization capabilities, collaborative processes, and workflows that enable supply chain managers to address issues as they surface.
- The system should bring the future into the present, leveraging real-time data and artificial intelligence to accurately predict the business risks and opportunities.
- The control tower should be intuitive and easier to navigate and act upon for quick decision-making.
- Data ingestion and harmonization across data sources
- Real time visibility of the performance across the business.
- Continuous monitoring of the business health.
- Insights to easily identify issues and risks in the business.
- Ability to make cross-functional analysis.
- Accessible on mobile devices
- Drill-downs and alerts capabilities



Please send responses to leekyung.shim@un.org

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=RFIUNPD19798>

In case you have difficulties submitting your response electronically, please contact leekyung.shim@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 UN 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 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>.

