

Procurement Division
New York**REQUEST FOR INFORMATION (RFI)****Title of the RFI:**

Wayfinding Technology in UNHQ

Date of this RFI: 18 April 2019**Closing Date for Receipt of RFI at PD:** 4 May 2019**RFI Number:** RFIIW206**Address RFI response by fax or e-mail to the Attention of:** Isaam White**Fax Number:****E-mail Address:** whitei@un.org**UNSPSC Code:** 43000000,43190000**DESCRIPTION OF REQUIREMENTS****1. Objectives**

The United Nations Secretariat is working toward improving the accessibility of its premises and services and to leverage innovative technologies to achieve this goal. An essential part of this goal is to facilitate the navigation of the buildings on the UNHQ campus for both visitors and staff as well as to provide the individual with relevant information related to their route. An initial proof of concept (POC) will be designed to test the technical feasibility of using wayfinding technologies together with a mobile phone to support navigation inside UN buildings.

2. Scope

The Office of Information and Communications Technology (OICT) will execute a POC to test the use of wayfinding technology together with a mobile phone application to navigate a defined and limited route within the General Assembly building. The way-finding system shall be able to accurately locate a person by locating her/his mobile phone and provide non-visual guidance to a set of possible destinations including nearest exit, nearest bathroom (if the bathrooms are separated by gender it shall navigate to the bathroom of the user's choice), and to a specific conference room or other specific location. The system shall also be able to help a person navigate a preset path such as a path of a tour of the GA building that visitors take and should provide location -based information appropriate to the person's location, such as a pre-recorded audio describing an exhibit.

Please also note that this request does not constitute a solicitation. The Procurement Division reserves the right to change or cancel this request at any time. It should be noted that by submitting a reply to this RFI does not automatically guarantee or obligate the UN to invite any particular company to participate in the subsequent bidding process. Only those prospective companies that are deemed qualified by UN upon completion of an objective evaluation of their submission to the RFI will be invited to participate in any subsequent tender exercise. Kindly email your duly completed RFI form.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

Technical approach

The solution that should be provided shall be based operated on a smart phone. The POC should support at least one of the two currently most used mobile operating systems (Google Android and/or Apple iOS) and should support at least two of the three most recent major releases of these operating systems. The solution shall assume the user has a visual disability, including total blindness, but the POC will not be limited to this usage scenario. The solution may include visual guidance for people without visual disability, however, when evaluating the solution this aspect will be of lower priority compared to aspects designed for assisted navigation for persons with visual disabilities. The solution shall not require a major deployment cost to the United Nations such as changes to the building layout, floor or wall alterations or laying extensive cabling or other technical infrastructure. The solution shall not change the visual appearance of the General Assembly building or require covering larger areas of the floor or the walls. Placing small devices on the walls or the floor and limited cabling that can be easily removed without need to extensive repairs is acceptable. The solution shall not require constant Internet access and should be able to operate off-line without degrading in performance. The solution must be stable with a reliability of at least 95% of the time (for the POC). Situations such as application crashing often, loss of location information, low precision and incorrect guidance, slow operation of the application shall be result in an unsuccessful evaluation of the POC.

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: lw
Email: whitei@un.org

RFI Number:

FAX:

FROM:

SUBJECT: Wayfinding Technology in UNHQ

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>.