



United Nations Office in Geneva
Switzerland

REQUEST FOR EXPRESSION OF INTEREST (EOI)

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Title of the EOI:

Structure, Architecture and MEP (Mechanical, Electrical and Plumbing) Surveys for the buildings at the Palais des Nations in Geneva.

Date of this EOI: 20 March 2017**Closing Date for Receipt of EOI:** 14 April 2017**EOI Number:** EOIUNOG13654**Address EOI response by fax or e-mail to the Attention of:** Youssef Bousselham**Fax Number:** na**E-mail Address:** ybousselham@unog.ch , tenders@unog.ch**UNSPSC Code:** 81101505, 81101508, 95120000, 72100000, 81101600, 81101700

DESCRIPTION OF REQUIREMENTS

ENGLISH Version

The United Nations Office in Geneva (UNOG), Switzerland, located at the Palais des Nations, is the largest United Nations Office in Europe, providing conference support and facilitating the multi-lateral international diplomacy of the worldwide community. It is located within the 46 hectare Ariana Park.

The United Nations General Assembly approved the establishment of the Strategic Heritage Plan (SHP) which includes the construction of a New Permanent Office Building, together with the complete renovation of the main Palais des Nations complex of buildings, much of which dates back to the 1930's.

UNOG envisages issuing a solicitation for services required to undertake surveys in preparation for the renovation of the existing buildings, as part of the SHP.

Brief description of Requirements:

UNOG seeks qualified contractors to undertake surveys, in two main areas: 1/ Structure, Architecture and 2/ MEP (Mechanical, Electrical and Plumbing) as per the below requirements:

1/ Structure and Architecture:

- i) Measurement of structure elements (reinforced concrete, steel structure), GPR scanning of concrete structure elements, and visual inspection to identify any abnormalities (crack, segregation, corrosion, etc...)
- ii) Identification of the constitution of the floor covering and the walls (types of materials, thickness,

etc...), by drilling holes from finish floor up to the structure slab (for floor covering) and through holes (for walls),

iii) Non-intrusive in-situ tests (ultrasonic test, rebound hammer test, corrosion of steel) on the structure elements (reinforced concrete, steel structure), performed according to the Switzerland and European Codes and Standards,

iv) Core-drill of concrete structure elements, extraction of steel bar sample from reinforced concrete structure elements, extraction of steel sample from steel structure elements, performed according to the Switzerland and European Codes and Standards,

v) Intrusive laboratory tests (carbonation of concrete, compression strength of concrete, tensile strength of steel, Charpy V-Notch impact steel test) and laboratory analysis (weldability of steel, corrosion of steel), performed on test specimens trimmed from samples extracted from structure elements (reinforced concrete, steel structure) according to the Switzerland and European Codes and Standards,

vi) Performing of all side tasks to the surveys and particularly followings :

- safety signage
- all necessary protections in the survey areas and its surroundings affected by the surveys
- dust protection and confinement of dust
- scaffolding and height work platform
- dismantling or removal covering finishes for getting visible and accessible the structure elements to be surveyed
- repair survey areas of the structure elements to existing conditions, where were extracted core-drills, steel bar samples and steel samples
- repair drill holes on floor covering and through holes on walls to existing conditions
- reassembly or refurbishment of covering finishes to existing conditions
- cleaning of the site and its surroundings affected by the surveys and removal of waste and rubble in landfill of the site to restore existing conditions.

2/ MEP (Mechanical, Electrical and Plumbing)

i) Surveys of MEP (Mechanical, Electrical and Plumbing) networks, including all side tasks such as openings and refurbishment of walls or ceilings or such elements,

ii) Destructive surveys of networks, including laboratory analysis and all side tasks such as exposure of built-in network and repairs,

iii) Determination of the thermal properties of building elements, following the requirements of the corresponding international standards,

iv) Measurement of airflow rates, absorbed power and load profile of various MEP equipment, following the requirements of international standards when they exist,

v) Performing of all side tasks to the surveys, including opening, dismantling of building parts to get access to the location of the survey, and appropriate repairs in identical state after the interventions.

The surveys will be conducted on an UNOG's on-call basis, depending on specific needs.

Due to a wide variety of situations, the works to be performed are described as elementary tasks that will be combined to form complete interventions, tailored to each specific context.

The on-site works can be performed either during regular business hours or outside of regular business hours, at UNOG's request.

The expressions of interest must be received before 6pm, Geneva time on 14 April 2017. All responses will be treated in a strictly confidential manner.

Please note that this request for Expressions of Interest (EOI) is not a solicitation. UNOG reserves the right to modify or cancel the call for tenders at any time. Only suppliers considered to be qualified by UNOG to provide the required services or goods will be invited to participate.

L'Office des Nations Unies à Genève (ONUG), en Suisse, occupant le Palais des Nations, est le plus grand des sièges des Nations Unies en Europe, fournissant des services de conférences et facilitant la diplomatie multilatérale au service de la communauté internationale. Il est situé au sein du parc de l'Ariana, d'une superficie de 46 hectares.

L'Assemblée Générale des Nations Unies a approuvé l'établissement du Plan Stratégique Patrimonial (PSP), qui comprend la construction d'un nouveau bâtiment permanent, ainsi que la rénovation complète du complexe de bâtiments formant le Palais des Nations, la plupart d'entre eux datant des années 1930.

L'ONUG envisage de publier une sollicitation pour la fourniture de services en vue de réaliser les sondages et relevés nécessaires pour permettre la rénovation des bâtiments existants, dans le cadre du PSP.

Brève description des exigences :

L'ONUG cherche des entreprises qualifiées pour réaliser les sondages dans deux domaines principaux : 1/ Structure, Architecture et 2/ CVS (Chauffage, ventilation et sanitaire) et électriques, conformément aux exigences décrites ci-dessous :

1/ Structure et Architecture

- i) Relevés des dimensions des éléments de structure (béton armé, charpente métallique), relevés du ferrailage des éléments de béton armé (par méthode GPR), et inspection visuelle des éléments de structure de recherche d'anomalies (fissure, ségrégation, corrosion, etc...)
- ii) Relevés d'identification de la constitution des revêtements de sols et des murs (types de matériaux, épaisseurs, etc...) par la réalisation de perçages de trous jusqu'au plancher de structure (pour les revêtements de sols) et de perçages de trous traversant (pour les murs),
- iii) Essais non destructifs réalisés sur site (essai aux ultrasons, essai au scléromètre, corrosion de l'acier) sur des éléments de structure (béton armé, charpente métallique), selon les règlements et normes suisses et européens en vigueur,
- iv) Prélèvement sur des éléments de structure (carotte béton, échantillon de barre d'acier de béton armé, échantillon de profilés et plats acier de charpente métallique), selon les règlements et normes suisses et européens en vigueur,
- v) Essais destructifs (carbonatation du béton, résistance à la compression du béton, résistance à la traction et limite élastique de l'acier, essai de Charpy de l'acier) et analyses (soudabilité de l'acier, corrosion de l'acier) réalisés en laboratoire sur des éprouvettes confectionnées à partir des prélèvements effectués sur les éléments de structure (béton armé, charpente métallique), selon les règlements et normes suisses et européens en vigueur,
- vi) Réalisation de toutes les tâches annexes aux sondages et notamment les suivantes :
 - la signalétique de sécurité
 - l'ensemble des protections nécessaires des lieux où seront réalisés les sondages et ses environs affectés par les sondages
 - la protection contre la poussière et le confinement des poussières
 - les échafaudages et les plateformes de travail en hauteur
 - le démontage ou l'enlèvement des habillages, revêtements et finitions pour rendre visible et accessible les éléments de structure à sonder
 - la réparation structurelle des éléments de structure dans les zones de sondages où il y a eu des prélèvements avec remise en état à l'existant
 - la réparation des perçages dans les revêtements de sols et murs avec remise en l'état à l'existant
 - la remise en état à l'existant des habillages, revêtements et finitions
 - le nettoyage du site et l'enlèvement à la décharge des déchets et gravats pour rétablir le site dans son état initial.

2/ CVS (Chauffage, ventilation et sanitaire) et électriques

- i) Relevé des réseaux CVS (Chauffage, ventilation et sanitaire) et électriques, comprenant toutes les tâches périphériques telles que la réalisation d'ouvertures et la remise à l'identique des parois, plafonds ou similaire,

- ii) Sondages destructifs de conduites, incluant les tests en laboratoires et toutes tâches périphériques telles que la mise au jour des réseaux encastrés, et la remise à l'état identique,
- iii) Détermination des propriétés thermiques d'éléments de construction, en suivant les exigences des normes internationales correspondantes,
- iv) Mesure des débits aérauliques, de la puissance absorbée et des courbes de charge d'équipements CVS et électriques variés, en suivant les exigences des normes internationales lorsqu'elles existent,
- v) Réalisation de toutes les tâches annexes aux sondages, telles que la signalétique, le nettoyage, la réalisation des ouvertures, le démontage d'éléments de construction pour libérer l'accès au lieu de réalisation du relevé, ainsi que les réparations appropriées pour rétablir le site dans son état initial.

Les sondages seront réalisés sur appel de l'ONUG, en fonction des besoins spécifiques.

En raison d'une grande variété de situations, les travaux à réaliser sont décrites en tant que tâches élémentaires qui seront combinées pour former des interventions complètes, adaptées à chaque contexte spécifique.

Les travaux à réaliser sur place pourront être menés durant les heures normales d'ouverture des bureaux, mais également en dehors des heures de bureau, à la demande de l'ONUG.

Les expressions d'intérêt doivent impérativement être reçues avant 18 heures, heure de Genève, le 14 avril 2017. Toutes les réponses seront traitées de manière strictement confidentielle.

Veuillez noter que cette demande d'expression d'Intérêt (EOI) ne constitue pas une sollicitation. L'ONUG se réserve le droit de modifier ou d'annuler l'appel d'offres à tout moment. Seuls les fournisseurs considérés comme qualifiés par l'ONUG pour fournir les services requis ou les marchandises seront invités à participer.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

ENGLISH Version

The Works will be initiated by the selected vendor as soon as possible after the contract signature, during Q3 2017. The vendor will stay at UNOG's disposal to perform the works described above for an initial estimated duration of two years, plus two one-year optional extensions (2+1+1 years).

Vendors interested in the upcoming subject solicitation shall fill in and return the attached "Vendor Response Form" to yboussselham@unog.ch with copy to tenders@unog.ch

Vendors can choose to either participate in only one or both survey areas (1/ Structure, Architecture and 2/ MEP).

Vendors should provide evidence that they are able to meet the following criteria:

1. Advanced skills and extensive experience in conducting Structural and Architectural building surveys, and /or
2. Advanced skills and extensive experience in conducting Mechanical, Electrical and Plumbing building surveys.
3. Qualified staff with English or French language skills, both written and oral

Interested vendors will have the opportunity to participate in a preliminary non-mandatory site visit (date to be determined after the issuance of the solicitation) where the surveys shall be conducted. Vendors shall confirm their interest in the visit by sending an email to yboussselham@unog.ch with copy to tenders@unog.ch.

Version FRANCAISE

Les travaux seront débutés par l'entrepreneur dès que possible après la publication d'un ordre de service, au troisième trimestre 2017. L'entrepreneur restera à la disposition de l'ONUG pour réaliser les travaux décrits ci-dessus, et ce pour une durée initiale estimée de deux ans, renouvelable deux fois un an (2+1+1 ans).

Les entrepreneurs intéressés par la sollicitation décrite ci-avant doivent remplir et retourner le formulaire "Vendor Response Form" attaché à yboussselham@unog.ch ainsi qu'à tenders@unog.ch en copie.

Les entreprises peuvent choisir de participer à seulement un ou aux deux domaines de sondages principaux : 1/ Structure, Architecture et 2/ CVS et électriques.

Les entreprises doivent fournir la preuve qu'ils sont en mesure de répondre aux critères suivants:

1. Compétences avancées et expérience approfondie dans la réalisation de sondages structurels et architecturaux sur les bâtiments, et / ou
2. Compétences avancées et expérience approfondie dans la réalisation d'études de sondages CVS et électriques sur les bâtiments.
3. Personnel qualifié possédant des compétences en français ou en anglais, à la fois écrit et oral

Les vendeurs intéressés auront la possibilité de participer à une visite préliminaire non obligatoire (date à déterminer après la délivrance de la sollicitation) où les sondages seront effectués. Les vendeurs confirment leur intérêt pour la visite en envoyant un courrier électronique à yboussselham@unog.ch avec copie à tenders@unog.ch .

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 the planned solicitation process should complete/submit the Vendor Response Form of this EOI either electronically (through the link available on the next page) or send it via fax or e-mail to United Nations Office in Geneva (UNOG) before the closing date set forth above.

VENDOR RESPONSE FORM

TO: Youssef Bousselham

EOI Number: EOIUNOG13654

FAX: na

FROM:

SUBJECT: Structure, Architecture and MEP (Mechanical, Electrical and Plumbing) Surveys for the buildings at the Palais des Nations in Geneva.

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).
- As you express interest in the planned solicitation by submitting this response form, please verify that your company is registered under its **full legal** name on the United Nations Global Marketplace (www.ungm.org) and that your application has been submitted to the UN Secretariat.
- 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 can express your interest to this REOI by filling out this form manually or electronically (recommended) at:

<https://www.un.org/Depts/ptd/node/add/interest-expressed?EOI=EOIUNOG13654>

To be completed by the Vendor (All fields marked with an “” are mandatory)*

COMPANY INFORMATION

UN Global Market Place (UNGM) Vendor ID Number*:

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

Company Contact *:

Address *:

City *:

State :

Postal Code * :

Country *:

Phone Number *:

Fax Number *:

Email Address *:

Company Website:

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

Signature : _____

Date: _____

Name and Title : _____

EOI 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 (http://www.un.org/sc/committees/list_compend.shtml), 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 REOI. Vendors who have not completed the UNGM registration process with the UN Secretariat before the closing date of the REOI are not considered eligible to participate in solicitations of the UN Secretariat. 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) EOI Process

Vendors interested in participating in the planned solicitation process should forward their expression of interest (EOI) to United Nations Office in Geneva (UNOG) by the closing date set forth in this EOI. *Due to the high volume of communications UNOG is not in a position to issue confirmation of receipt of EOIs.*

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