



The upgrade entails modifications of the existing facility in following disciplines.

Architecture

The bike and staff lane are located on the proposed extension of the bridge, and the whole space beneath the existing roof is used as visitors' area. The roof structure is retained as much as possible and the West wall of the canopy will be insulated and partially glazed to allow for a better visibility for the security staff. The height of the existing roof will remain the same. The turnstiles of the staff pedestrian access are re-used and are placed parallel to the entrance facade so that the usage of space and visitor flow are very efficient. A new bike gate will be required. The vehicle lane remains unchanged. The serpentine queue has been sized to accommodate up to 60 visitors.

The existing roof is extended over the entire bridge extension to protect the security gates and the access of the UN-staff.

All the existing architectural finishing materials and the same colors will be used in the upgrade.

Structure

The implementation of the new architectural layout has led to a modification of the current structure of the existing bridge canopy: this includes but is not limited to removing the existing columns under the canopy and installing new columns along the East facade. Furthermore, an additional roof beam was added in order to provide enough flexibility in the position of the new columns. The existing wind braces have been removed for architectural reasons and a new connection between columns and roof beams have been designed in order to guarantee enough stiffness.

The works include a bridge extension to the west of the existing PAF consisting of a simply supported deck with steel beams and a reinforced concrete deck. The bridge deck will be supported on reinforced concrete abutments founded on micropiles rock socketed in the limestone.

Mechanical and Electrical Installations

This includes but is not limited to new electrical distribution boards supplying the whole PAF (integrated in the existing West wall), IT-rack (positioned in the segregated Security area) and a fire alarm panel at the entrance of the building.

Existing conduits are re-used where possible. Conduits will be routed within the false ceiling space or within the available screed.

The entire existing lighting installation will be replaced with a new lighting installation.

Access control system will be installed to match the existing system. The system will be integrated with the entry system in the main building.

The segregated security area is fully conditioned, and air is provided from a technical space positioned on the Northwest corner of the PAF. The rest of the PAF is naturally ventilated with extraction fans integrated in the roof. Heating is provided with wall or floor mounted heaters.

Building Envelope (Facade)

The building envelope is designed to guarantee high levels of comfort both in Summer and Winter with a minimum level of energy losses. This is provided by shading devices reducing the risk of overheating in Summer and a high level of insulation, reducing the heat losses in Winter.

Public Health

As the PAF security building is expanded several of the existing channel drains will be overlapped. These existing channel drains will be redundant and hence decommissioned. The new staff access bridge will be provided with channel drains at ground level to match the current drainage strategy.

The overflow pipes are required to be extended down through the western wall and terminate below the bridge.

Security

The PAF upgrade project includes the provision of a series of security features, such as a new bike gate, an additional X-ray scanner, bullet proof glass to protect the segregated area and so on. As part of the works the contractor will have to establish a temporary security area in a specific location and re-use selected equipment therein, prior to re-locating them within the upgraded PAF building.

This EOI is addressed to contractors with experience in the construction of security facilities. UN Common Services (UNCS) is particularly interested in identifying competitive contractors that can offer a solution accommodating the aforementioned requirements.

Only eligible contractors will be considered based on the qualifications listed below.

Contractors are encouraged to indicate conformity with at least one of the following Quality Management System standards (where available):

- ISO 9001 / ISO 9002

2. General Instructions

UNDP/ UNCS invites applications from suppliers to express their interest in being short listed to receive the subsequent bidding document (ITB).

The Expression of Interest should indicate UNDP/ UNCS's reference number **EOI-UNDP-UNCITY CPH-2020-PAF UPGRADE** and must be received **no later than Close of Business COB on 3 April 2020 through the e-tendering platform.**

3. Your Expression of Interest

The submission of your Expression of Interest should include the following:

- A profile of the company, including size, location, areas of expertise, and years in business, works range indicating the capacity to deliver the scope presented in Section 1 (including the ability to build security facilities and small bridges)
- Business registration showing a minimum of 10 years of experience, and the ability to operate and perform the said works in Denmark
- Relevant experience in constructing similar building projects with affinities to the works listed in Section 1 in the form of relevant projects completed within the past three years. Clearly indicate the type of project, the contracted amount, the client, the location and the construction period. Minimum 3 projects to be provided in ANNEX 1. At least one of these projects should include a bridge.
- Documentary evidence that the bidder has delivered projects which required upgrading existing buildings and a phased approach needing the temporary re-location of certain functions of the building to be upgraded. Minimum 3 projects to be provided in ANNEX 1
- Audited financial statements for the last three years (consolidated balance sheet, Profit & Loss, and Cash Flow statements) showing an average annual turnover of at least 20.000.000 DKK

- Contact details of the person (name, email address, and telephone number) to whom the subsequent bidding documents must be sent

Interested potential bidders should forward their Expression of Interest including above documentation by mail or email (max. 5 MB per email) to the following address:

United Nations Development Programme
UN City Common Services
Marmorvej 51
DK-2100 Copenhagen Ø
Denmark
Jamie-Lee Bæk
Email: cs.bidtender@one.un.org

The subsequent bidding document will be issued in accordance with the Rules and Regulations of UNDP.

Notes:

- a) Prices are not required at this stage. UNDP is merely seeking to identify qualified suppliers interested in participating in a future bid. Evaluation is on a pass / fail bases. Only those companies that provide the requested documents will be considered for the roster.
- b) Any requests for clarifications about the contents of this Expression of interest shall be sent via email to cs.bidtender@one.un.org . Any request for clarification shall be received no later than Monday 9th March 2020. Answers to questions / inquiries will be posted on UNDP e-tendering platform:
<https://etendering.partneragencies.org>
Business Unit: H2810 Event ID: 0000005439
- c) This EOI does not constitute a solicitation. UNDP reserves the right to change or cancel the requirement at any time during the EOI and/or solicitation process. UNDP also reserves the right to require compliance with additional conditions as and when issuing the final solicitation document. Submitting a reply to an EOI does not automatically guarantee receipt of the solicitation when issued.