SKANSKA

Skanska’s Occupational Safety, Environment, and Product Requirements for Consultancy Assignment

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This appendix includes requirements to the designer and consultant (thereafter the Consultant) with respect to occupational safety and environment as well as products and materials used. The Consultant plays an essential role in creating preconditions for undisturbed work already in the design phase. The Consultant and its representative shall undertake to observe the mentioned requirements and to take care of that its possible sub-consultants comply with the requirements for their part.

1. OCCUPATIONAL SAFETY RELATED REQUIREMENTS

With the design, construction work safety obligations for designers stipulated in the Government Decree on the Safety of Construction Work VNA 205/2009 and in the Developer's occupational safety requirements on housing construction project RT 10-10625 must be considered. The Consultants must ensure that construction work can be performed safely, without causing any harm to the health and that construction-time safety requirements would be considered in the designs. In particular, the site hazards and prevention of these must be taken into account in the design phase. In the design phase also the use, maintenance, and repair of the finished building must be taken into account, so that the work and using the building could be done safely without causing any harm to the health of workers and those using the building.

The chief consultant is obliged to coordinate occupational safety related issues when planning the procurement, by identifying the future site risks and considering these in the design and when used. The chief consultant must consider occupational safety issues at the official negotiations and design group meetings and include these in the minutes.

The Consultants must participate in the preparation of safety document as specialists of their design areas.

The Consultant must study the safety rules of the customer's site from the Safety package, available at http://pakka.skanska.fi/. In case the design task contains work, implementation of which at the site involves major accident risk, the Consultant must be familiar with Skanska's instructions (http://www.skanska.fi/fi/Tietoa-Skanskasta/Yhteistyokumppaneille). High-risk work involves working at height (risk of falling), trenches (collapse), enclosed spaces (suffocation risk), lifting work (falling objects), use of temporary structures (risk of collapse) or work near electric earth cables and air lines (risk of electric shock).

2. REQUIREMENTS FOR THE ENVIRONMENT, PRODUCTS AND MATERIALS USED

The Consultant should know and take into account in its activities the relevant environmental legislation and regulations. The Consultant should also know and take into account in its activities project-specific environmental objectives and requirements.

In case environmental certification or classification is applied for a project, the Consultant must assist to receive it. Upon request, the Consultant must participate in establishment of the environmental certification target and consider the certification requirements in the design and selection of

equipment, products, and materials. In addition, the Consultant must provide the documentation required in the format required for the certification.

If criteria and target regarding low-carbon have been set for the project, the Consultant must assist to achieving them through the design solutions and by the selection of equipment, products, and materials.

If the project is implemented in accordance with the EU Taxonomy criteria, the Consultant must contribute to the target by taking into account the applicable EU Taxonomy criteria in the project design and selection of equipment, products and materials.

The Consultant must specify in the designs the required characteristics and quality requirements of the construction products, taking into account the intended use of the product and the conditions, customer's requirements, and the performance requirements of the characteristics of the CE marked products or the requirements established to other products.

In the design, it must be considered that the materials used must not contain substances that are banned under Finnish legislation, nor the following:

- > 0.1 weight percent of acrylamide (CAS number: 79-06-1)
- > 0.1 weight percent of the following brominated flame retardants: pentabromodiphenyl ether (32534-81-9), octabromodiphenyl ether (32536-52-0), decabromodiphenyl ether (1163-19-5), and HBCDD (25637-99-4)
- > 0.01 weight percent of cadmium (7440-43-9)
- > 0.1 weight percent of lead (1335-32-6)
- > 0.025 weight percent of mercury (several CAS numbers)
- > 0.5 weight percent of asbestos (several CAS numbers and fibre: 1332-32-4)
- Di(2-ethylhexyl)phthalate (117-81-7)
- Dibutyl phthalate (84-74-2)
- Butyl benzyl phthalate (85-68-7)
- Nonyl phenol (84852-15-3)
- Nonyl phenol ethoxylate (127087-87-0)
- Arsenic (several CAS numbers)
- Halons
- Polychlorinated biphenyls, PCB (1336-36-3, 62788-33-8)

It must be considered in the design that the timber used must be certified or information proving certification must be provided for it.

The Consultant must be aware that the subcontractors / material Suppliers to be used at the site must comply with the following requirements.

The subcontractor / material supplier must be able to prove upon request the origin of the timber material to be used by it either by using PEFC or FSC certification system or if the above is not available, provide the below information:

1. The species of the timber delivered, or the wood types used in products.
2. Where the timber was grown, and the name of the harvesting entity.
3. The volume and price of the timber or timber products delivered.
4. Name and address details of the company that delivered the material to the customer and of the company that imported the timber or the timber products to the country in question or to the EU area.
5. Licenses and documents demonstrating adherence to local laws, and the documents necessary to confirm items 1–4 above.

It must be considered in the design that the rock and building stones used must be traceable.

The Consultant must be aware that the subcontractors / material suppliers to be used at the site must comply with the following requirements.

The rock material and building stones to be used by the subcontractor / material supplier must be traceable. The subcontractor must make sure that on request, the supplier is capable of submitting to both the subcontractor and Skanska reliable information regarding stone processing for the entire supply chain. The documentation must include the following information:

- Type of rock used.
- Country and area of origin of the rock.
- Exact location of the quarry (with co-ordinate data).
- Name and address details of the refining sites and plants.
- Name and address information of the company that delivered the rock to the customer and of the company that imported the rock to the EU area.

Additionally, the subcontractor needs to make sure that the supplier used by it checks whether Skanska's Supplier Code of Conduct is followed in the production and processing of rock and building stones. If required, the contractor shall report the following:

- What selection criteria have been used with respect to the rock material and rock supplier in order to ensure compliance with Skanska's criteria?
- How has compliance with the selection criteria been verified, how is it monitored?
- Does the supplier participate in some voluntary procedure (such as Fair Stone Standard) aimed at ensuring ethical conduct of the supply chain?

The requirement does not concern recycled rock or products made of such rock.