

Construction project of civil engineering works in the city centre of Valga-Valka twin city Requirements for the preparation of Valga part of the project

1. Objective of the project.

Objective of the project is to prepare the construction project of civil engineering works in the city centre of Valga-Valka twin city pursuant to the plan of architectural competition for the central square and pedestrian street in the city centre of Valga-Valka twin city with the keyword „Cross-Border Strands“ (results of the architectural competition 15.06.2016 1-1.3/210). The project includes a design project of landscape architecture (Estonian standard „Infrastructure/civil engineering project“ EVS 907:2010, clause 8.2.) and construction project of power supply utility networks (Estonian standard „Infrastructure/civil engineering project“ EVS 907:2010, clause 8.1.4). The project will be prepared in the stages of sketch/pre-design, preliminary design and detailed/developed design. The constructed object must conform to the principles of universal design, which means that public space has to be available without modification for all user groups.

Planning should provide an attractive and comfortable solution to common public space of the city centre of Valga-Valka twin city, including the pedestrian street. The objective is to create cosy and unique public space for the inhabitants and guests of Valga and Valka, which could be used daily, and also adapted conveniently for various events, such as border fair, city festival etc. The pedestrian street must be planned, taking into account the needs of small local companies, inhabitants and guests, making the city centre of the twin city more active.

2. Location of the planning area and current situation.

Valga part of the planning area is located in the city centre of Valga, covering the registered properties with addresses Sõpruse Street, Raja Street (partially), Tartu Street (partially), Raja 5, Raja 16, Tartu 2, Sõpruse 1 (partially) and Pedeli recreation area 1 (partially). The planning region's precise border is specified on the appended plan of construction project's planning area for civil engineering works in the city centre of Valga-Valka twin city.

The planning area is partially located in the heritage protection zone of Valga city centre; the area includes one cultural monument, „Street facades of the dwelling located in Valga, Sõpruse 2“. In the vicinity there are several protected buildings, which unfortunately are mainly in rather poor condition and underused. Also other buildings, which have not been classified as monuments, are in similar condition. Rimi and Selver retail centres have been constructed in the planning area and its surroundings, with large parking areas. The created environment is not friendly for light traffic. Crossing point of Estonian-Latvian border is located west from the planning area, in Sõpruse Street.

3. Initial data for planning.

Planning activities are based on the plan of architectural competition with the keyword „Cross-Border Strands“ (results of the architectural competition 15.06.2016 1-1.3/210). Planning activities take account of the standard „Urban streets“ EVS 843:2016.

Planning shall resolve:

- Pedestrian street connecting churches located in both city centres. The new pedestrian street shall enable the running of small businesses, such as cafes, restaurants, various services etc;
- City space enabling easy adaptation for open-air fairs, festive events and sports events;
- New options for crossing the border;
- Attractive space on the banks of Varžupīte-Konnaoja;
- Dignified, maintenance-free and durable pavement, supporting versatile use. The pavement shall be weather resistant and comply with the planned use;
- Small resting sites, deck-chairs;
- Sculptures or any other interesting and attractive/interactive objects;
- Sports grounds and/or children's playground(s);
- Reserved space for future extension of Selver retail centre;
- Supply solution for Selver retail centre. Trucks are 14 m long, with turning radius 10 m;
- Access to the lots Sõpruse 1a, Sõpruse 3, Sõpruse 5;
- Parking solution for Selver retail centre (to enable use of the area for other purpose in case of major events). Parking lot should accommodate approximately 90 vehicles;
- Parking solution for guests;
- Parking solution for inhabitants of the apartment building Sõpruse 1;
- Temporary parking solution during major events;
- Lighting principles of city space, lighting of major buildings and objects;
- Permanent or portable stage for cultural events, service building for performers;
- Acoustic solution for events;
- Information board about Valga-Valka city;
- Design of green areas;
- Possible movement of the yellow frame of National Geographic from Raja 12 lot to a better place;
- Design of the ruins of former Ramsi water mill.

4. Conditions for preparing technical project

1. Landscape architectural part of the architectural project of the Valga-Valka twin city city centre must be prepared by a designer possessing activity licence for architectural and/or landscape architectural planning, construction project of power supply utility networks must be prepared by a designer possessing activity licence for planning an electrical installation. Dendrological assessment can be performed by a specialist with higher education in natural sciences or landscape architecture or equal education, who has passed dendrology course during the studies. Knowledge of ligneous plants is required, former work experience is recommended.
2. The content of landscape architecture design project must meet the requirements specified in the Estonian standard „Infrastructure/civil engineering project“ EVS 907:2010 clause 8.2 and the construction project of power supply utility networks must meet the requirements specified in clause 8.1.4. The project will be prepared in

the stages of draft, preliminary project and work project. Planning activities take account of the standard „Urban streets“ EVS 843:2016.

The design project of landscape architecture must include the following parts pursuant to the Estonian standard „Infrastructure/civil engineering project“ EVS 907:2010 clause 8.2:

- Furbishing assessment of ligneous plants. The assessment must be drafted for the entire planning area with the precision of a single unit. Health status and compositional value of the existing stand must be determined, based on which the need for cutting shall be specified;
 - Analysis and concept;
 - Site plan;
 - Architectural small forms and small buildings, roads, squares, cemeteries, sports and leisure facilities, and other external space;
 - Planned greenery
 - Vertical plan
 - Demolition project
3. If buildings are planned for Valga part of the planning area, the project shall include the following parts pursuant to the Estonian standard „Building design“ EVS 811:2012: Site plan (EVS 811:2012 clause 8.1.), Architecture (8.2.), Interior architecture (8.3), Constructions (8.4), Electrical installation (8.8), Fire safety (8.9), and Energy efficiency (8.9.)
 4. The stages of preliminary design and detailed/developed design of the civil engineering works construction project in the city centre of Valga-Valka twin city must include the table of calculation of construction costs.
 5. The construction project of civil engineering works in the city centre of Valga-Valka twin city must include all additional tasks and surveys needed for performing the project, including geodetic and geological surveys.

5. Approvals and inclusion of the public

1. In the beginning of and during planning the designer must discuss the issues related to the construction project of civil engineering works with the contracting authority, public authorities and operators of utility networks, and organise work meetings with the frequency at least twice a month for discussing and approval of project solutions.
2. Any works specified in the project having direct impact on the border neighbours (e.g. excavations, temporary use of land) shall be coordinated with the border neighbours in the planning stage. Approval must be unambiguous and include list of agreed works and possible conditions.
3. The contractor must coordinate the whole project with all landowners, operators of utility networks, local government and other authorities and persons related to the project.
4. If the authorities or persons providing the approval provide negative or conditional approval, the contractor is obliged to submit such conditions with their opinion immediately to the contracting authority, on the basis of which the contracting authority shall provide their opinion. The contractor must answer to the provider of a conditional approval in writing.
5. The project must be certified by the contracting authority.

6. The designer is obliged to perform author's supervision until the permit for use of the object is received.

6. Drafting requirements

The construction project of civil engineering works in the city centre of Valga-Valka twin city shall be drafted in Estonian language in each stage, on separate 3 paper copies and 3 CDs (including 1 copy in A4 format for archival).

- Drawings must be submitted in original format (.dgn , cad .dwg) and in .pdf format;
- Table files must be drafted in .xls format and in .pdf format;
- Text files must be drafted in .doc format and in .pdf format;
- In case any other design software is used, original files must be provided;
- In addition to the project files, CD must include any files needed for printing;
- When drafting the drawings, account must be taken of the requirement that lines shall be distinguishable and drawings shall be legible also on a black-and-white copy.

7. Term of submission of planning works

Sketch/pre-design submission term: 30 December 2016

Preliminary design submission term: 31 January 2017

Detailed/developed design submission term: 29 September 2017

Appendix 1: Plan of the planning area of the construction project of civil engineering works in the city centre of Valga-Valka twin city