

Appendix No. 2
to Provisions of holding an open
international competition
for the development of an architectural
and artistic concept for
the construction of a concert hall of the
Sverdlovsk State Academic Philharmonic
in the city of Yekaterinburg

TERMS OF REFERENCE

to hold an open international competition for the development
of an architectural and artistic concept for the construction of a concert hall of the
Sverdlovsk State Academic Philharmonic
in the city of Yekaterinburg

#	Basic requirements	Description
1	Site location. Design boundaries	1. The design area is located within the boundaries of Klara Tsetkin-Turgenev-Pervomaiskaya-Karla Libknekhta streets in the city of Yekaterinburg. The boundaries of design are accepted on the basis of graphic information (Provisions, para. 37).
2	Requirements for the spatial arrangement of the designed building	<ol style="list-style-type: none"> 1. To present a comprehensive design proposal for the reconstruction and expansion of the Sverdlovsk Philharmonic with regard of the existing buildings, facilities, objects and infrastructure networks. 2. To propose an architectural concept for the creation of a single complex of the Philharmonic buildings with the allocation of three functional blocks: the historical building of the Philharmonic, the rehearsal building, the newly constructed building that would accommodate a concert hall with a capacity of 1600 seats, and a chamber hall with a capacity of 350 seats. The new halls, offices and audience premises should be designed in accordance with the provisions of the Concept for the development of concert activity in the field of classical music in the Russian Federation for the period until 2025 (Resolution of Government of Russian Federation No. 2395-R of November 24, 2015). 3. To propose an architectural concept for the reconstruction of the existing rehearsal facility to include a small rehearsal room and additional studios and dressing rooms. 4. To propose an architectural concept for the arrangement of a greenroom for artists in the space of a newly constructed building intended for serving of the hall for 700 seats located in a historic building. 5. To develop the architectural concept of a complex of premises intended for serving the audience, including the entrance lobby, the box office lobby, the cloakroom,

		<p>the service bureau, toilet areas, backrooms and other premises.</p> <ol style="list-style-type: none"> 6. To develop an architectural concept of the audience areas for the large and chamber halls in accordance with the regulatory requirements and the latest recommendations for the design of concert halls. When forming the composition of premises intended for the designed buildings, take into account the existing availability of a number of the necessary premises in the existing buildings. 7. To develop an architectural concept of premises which serve the stage complex. 8. When forming the geometry and cubical content of the newly constructed large concert hall, proceed from the latest recommendations and world practice on ensuring the highest quality of natural acoustics, optimal parameters, for concerts of the philharmonic repertoire. When developing an architectural concept, define and accept as the target the acoustic parameters essential for concerts of classical music and philharmonic repertoire. The concerts should be performed in the original state of the hall, without use of electroacoustic systems with the function of direct amplification. When forming the geometry and cubical content of the newly constructed Chamber hall, take into account that its main planned functionality is staging of multimedia events. The acoustics of the Chamber hall should correspond to its functionality. 9. When developing the architectural concept, consider the possibility of embedding the main body of the newly erected building of the Philharmonic complex, below the center-line ground elevation in order to reduce the building footprint and preserve the Weiner Garden area. 10. The developed architectural concept should ensure the inclusion of additional buildings of socio-cultural functionality in the philharmonic complex. 11. To develop the concept of an underground parking facility intended for visitors' private vehicles with entrances from Karl Liebknecht street and Pervomayskaya Street and an outdoor parking for cars and buses. 12. To develop solutions for construction of an underground crosswalk near the intersection of Karl Liebknecht and Pervomaiskaya streets. 13. Consider the possibilities for design of an outdoor concert venue – a Summer Festival Center within the Weiner Garden area.
3	Urban planning requirements for the architectural and artistic	<ol style="list-style-type: none"> 1. To provide a general territorial layout with indication of new buildings, underground parking facility and outdoor parking lots in accordance with the graphic scheme

	concept	<p>(Provisions, para. 37).</p> <p>2. To develop a design solution for the creation of an integrated pedestrian network with the possibility for inclusion of the Weiner Garden, as a valuable urban area involved in the Philharmonic's activities and a dedicated space for musical events and recreational activities for citizens.</p> <p>3. To present a comprehensive solution for beautification of the Weiner Garden and pedestrian areas of Karl Liebknecht and Pervomayskaya streets, with due regard to the natural landscape (the terrain), as well as the historically formed environment.</p> <p>4. In the course of the concept development, consider the architectural particulars and protective zones of cultural heritage objects located near the area of the new concert complex of the Sverdlovsk State Academic Philharmonic in accordance with graphic information (Provisions, para.37).</p>
4	Additional requirements	<p>1. In the course of developing the architectural design of the Philharmonic buildings complex, it is necessary to consider the following:</p> <p>1) The historically formed architectural ensemble, the overall color scheme and scale of the built-up environment of Karl Liebknecht Street.</p> <p>2) The possibility of organizing an integral grand entrance to the new building of the Philharmonic, connecting the historic building and the newly constructed building from Karl Liebknecht street.</p> <p>3) The possibility of organizing well-equipped functional areas on the roof of the newly erected building of the Philharmonic.</p> <p>4) The possibility of building a greened roof over the underground parking lot.</p> <p>2 When developing a design proposal for the improvement of urban land and public facilities, the following should be considered:</p> <p>1) Possibility of arranging a technical ingress for vehicles to access the stage complex from Pervomayskaya street, as well as access for vehicles to the newly constructed complex from Turgenev street.</p> <p>2) Options of lighting designs for the Philharmonic complex and the Weiner Garden area, including night time and daytime, as well as seasonal and festive lighting designs.</p> <p>3) Solutions to preserve the existing vegetation and natural environment, as well as to planting new softscape adapted to the natural and climatic conditions of the region.</p> <p>4) Comply with the barrier-free requirements for public spaces for ensuring accessibility for people with disabilities and limited mobility.</p>
5	Zoning of the design site	<p>1. Provide zoning of the space adjacent to the Philharmonic complex of buildings with the purpose of creating:</p>

		<p>1) Entertainment zone for large-scale citywide cultural events (festivals, exhibitions, concerts).</p> <p>2) Welcoming zones defining the boundaries of the entrance areas and temporary waiting areas for Philharmonic visitors.</p> <p>3) Recreational zone for leisure time and passive rest with the reconstruction of the existing vegetation (trees, shrubs, grass-plats), as well as zones for short-term rest equipped with outdoor furniture.</p> <p>4) Zones of public transport stops (locations for installation of route transport stops facilities).</p>
6	Requirement for beautification and outdoor amenities	1. As part of the design proposal for the beautification, provide a solution for placement of modern equipment, elements of softscape, and outdoor amenities.
7	Requirements for content and design of illustrative materials	<p>1. Graphic materials (Album A3 in PDF format)</p> <p>1) Site layout plan (line plan) diagram showing the location of the design object;</p> <p>2) General plot plan with the indication of the following solutions: on the development of a street-road network with the designation of parking places and public transport stops; on the development of the pedestrian network and bicycle infrastructure; functional organization of the site area with indication of types of coverings, landscaping zones;</p> <p>3) floor plans of new and historic buildings of the Philharmonic complex;</p> <p>4) diagrams of the junction points of the new building to the historic building and the building of the rehearsal block;</p> <p>5) floor plans, indicating the changes in the layout of the existing buildings;</p> <p>6) diagrams of the functional zoning of the designed project of major construction;</p> <p>7) diagrams of the underground crosswalk abutting with Philharmonic premises;</p> <p>8) development drawings of buildings elevations with trace drawing of details and decor elements (at least 4 elevations);</p> <p>9) sectional views of the new building of the complex with the display of structures (at least one drawing in longitudinal section and one cross-sectional plan);</p> <p>10) isometric projection of the Philharmonic complex of buildings, embedded in the photograph of the surrounding development and the proposed solutions for the day time and night time;</p> <p>11) snapshots of the key scenery spots with landscaping solutions in the amount sufficient for illustration of the design proposal, reflecting the seasonal land use;</p> <p>12) plans of fragments of landscape design;</p> <p>13) plans of land plots with complex architectural solutions (areas with complex terrain, water bodies, etc.);</p> <p>14) profiles of the main sections of the designed space in the</p>

		<p>amount sufficient for illustration of the design proposal, indicating the sectional areas on the territorial plan.</p> <p>2. The explanatory note should be included in the album of the competitive design and contain the following:</p> <p>1) a description of principles and ideas of the project (urban development concept of the surrounding area, concept of integrating a new building into the existing context, principles of functional, architectural-spatial, and volumetric organization of the complex, concept of the existing building reconstruction);</p> <p>2) major technical and economic indices of the project;</p> <p>3) filled out tabular forms with a list of premises and indication of areas, as well as a list of works on beautification.</p>
8	Requirements for materials submission	<p>1. To evaluate the participant's project (Album A3), the design materials should be presented as an Album A3 in PDF format (min 72 dpi resolution).</p> <p>2. To print the participant's project (Album A3), the design materials should be presented as an Album A3 in PDF format (min 300 dpi resolution).</p> <p>3. General arrangement drawing A3 in PDF format (min 300 dpi resolution) containing the main materials of the design.</p> <p>4. In order to maintain confidentiality and ensure objective consideration and evaluation of competitive designs, participants should exclude the use of ciphers, signatures indicating the ownership of works and their authorship. All texts, explanatory notes, breakdown of premises and explanations in the designs must be done in the official language of the competition - Russian. At the will of the participant of competition, design materials may be supplemented by English texts.</p>