REQUEST FOR EXPRESSIONS OF INTEREST

Consulting Services – firms selection

Russian Federation
Small Historic Cities Development Project Phase II
Loan No. 20RU01

Assignment Title:
Development of Scientific Design Documents, Design Documents (Design Stage Level) and Technical Part of Bidding Documents for the Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)

Reference No: AZ(d)

Date: January 12, 2022

The Russian Federation has received financing from the New Development Bank (NDB) toward the cost of the Small Historic Cities Development Project Phase II. Saint Petersburg Foundation for Investment projects (FISP), acting on behalf of the Ministry of Culture of the Russian Federation, intends to apply a portion of the proceeds of this Loan to eligible payments for the consulting services mentioned above.

The consulting services (hereinafter "the Services") include:

- conducting all necessary surveys, explorations and other preliminary tasks required for preparation of the Design documents, including section on restoration;
- preparation of the Design documents and obtaining their approval under the applicable law of the Russian Federation;
- preparation of technical part of bidding documents to the extent necessary and sufficient for selection of a Contractor under Sub-Project for Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast) (hereinafter "Sub-Project"), complying with the requirements and guidelines set out in the latest editions of the International Bank for Reconstruction and Development (IBRD) standard documents and in the NDB's Procurement Policy (2018 version and subsequent amendments thereto, i. e. 2020 V1).

The Sub-Project contemplates restoration and reconstruction of sites with their adaptation for cultural institutions' needs, construction of new facilities, as well as historic environment regeneration activities, landscaping and local improvements in the city center aiming to increase the culture and tourism potential of the historic city.

Services shall be provided within a period of 24 months after commencement of the Services.

Saint Petersburg Foundation for Investment projects (FISP) acting on behalf of the Ministry of Culture of the Russian Federation now invites eligible consultants (legal entities) from the NDB member-countries to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

The shortlisting criteria are:

1. Experience in fulfilling assignments similar to those specified in the TOR in the capacity of the General Designer during the past five years, including:
    1.1. At least two contracts containing an assignment for development of design documents for conservation of cultural heritage sites (restoration, renovation and reconstruction); one such contract shall be confirmed as completed and one contract may be under implementation.
    1.2. Contracts containing an assignment for development of design documents for construction; all such contracts may be under implementation.
    1.3. Contracts containing an assignment for development of design documents for landscaping, linear structures and provision of utilities; all such contracts may be under implementation.

    The validity of the above experience may be confirmed either with separate contracts or as part of a single contract.
2. Availability of staff with appropriate qualification and skills to be proposed for the assignment.

Consultants may associate in the form of a joint venture (JV) with no more than two (2) partners having experience in participation in design preparation, or with subconsultants, in order to enhance their qualifications.

A Consultant submitting an expression of interest as a JV shall submit a copy of the JV agreement as well. The expression of interest in such case shall contain information on the required experience of each JV partner.

A consultant shall be selected in accordance with the Quality- and Cost-Based Selection (QCBS) procedures similar to those of the World Bank, adjusted to the NDB's Procurement Policy requirements.

Consultants may obtain further information from FISP (address below) on working days from 10.00 to 17.00 hours. Draft Terms of Reference for the assignment can be downloaded upon registration at the FISP website at the following link: http://www.fisp.spb.ru/projects/istoricheskie-proekty-2/provedenie-konkursov/tekushchie-konkursy/

Expressions of interest in any format shall be signed by an authorized officer of a Consultant and delivered to the address below not later than January 31, 2022.

FISP reserves the right not to consider Expressions of Interest received later than January 31, 2022.

Saint Petersburg Foundation for Investment Projects (FISP)
Alexey A. Vasilyev, Director General
Office 27, 9 Build. A Chapaeva Street, Saint Petersburg, 197046, Russia
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E-mail: spfund@fisp.spb.ru
Copy to the addresses: fedorov@fisp.spb.ru, groza@fisp.spb.ru

TERMS OF RERERENCE

for development of scientific and design documents (design stage level) and technical part of bidding documents for the Subproject:
Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)

SMALL HISTORIC CITIES DEVEOPMENT PROJECT PHASE II

2022

1. PROJECT BACKGROUND

On June 1, 2021, the Russian Federation and the New Development Bank (the NDB) signed Loan Agreement No. 20RU01 for the Small Historic Cities Development Project Phase II (the Project).

On the Russian side, Project implementation is supervised by the Ministry of Culture of the Russian Federation which acts as the Executing Entity. The Saint Petersburg Foundation for Investment Projects (FISP) acting pursuant to Agency Agreement No. 01-01-06/17-354 between the Ministry of Finance of the Russian Federation (MoF), Ministry of Culture of the Russian Federation (MoC), and FISP, dated September 30, 2021, has been approved as the Implementation Agency.

The purpose of the Project is to increase the tourism potential for socio-economic growth and sustainable urban development of the small historic cities (Participating Cities) with a focus on preservation and development of cultural heritage and comprehensive development of parts of small cities' territory and infrastructure.

There are eight Participating Cities in the Project.

Component 1: Establishment of Historic Settlement Culture Centers Based on Selected Urban Fragments in Historic City Centers:

- Azov (Rostov Oblast)
- Belyov (Tula Oblast)
- Yelets (Lipetsk Oblast)
- Kasimov (Ryazan Oblast)
- Zaraysk (Moscow Oblast)
- Shuya (Ivanovo Oblast)

Component 2: Urban Infrastructure and Ecological Improvement to Increase the Attractiveness of Historic Settlements for Visitors and Local Population:

- Kineshma (Ivanovo Oblast)
- Galich (Kostroma Oblast)

The Project shall be implemented using the NDB Loan, with counterpart funding from the Russian Federation. In addition, the Project is to be co-financed from the budgets of the participating Russian regions, local budgets and private sources.

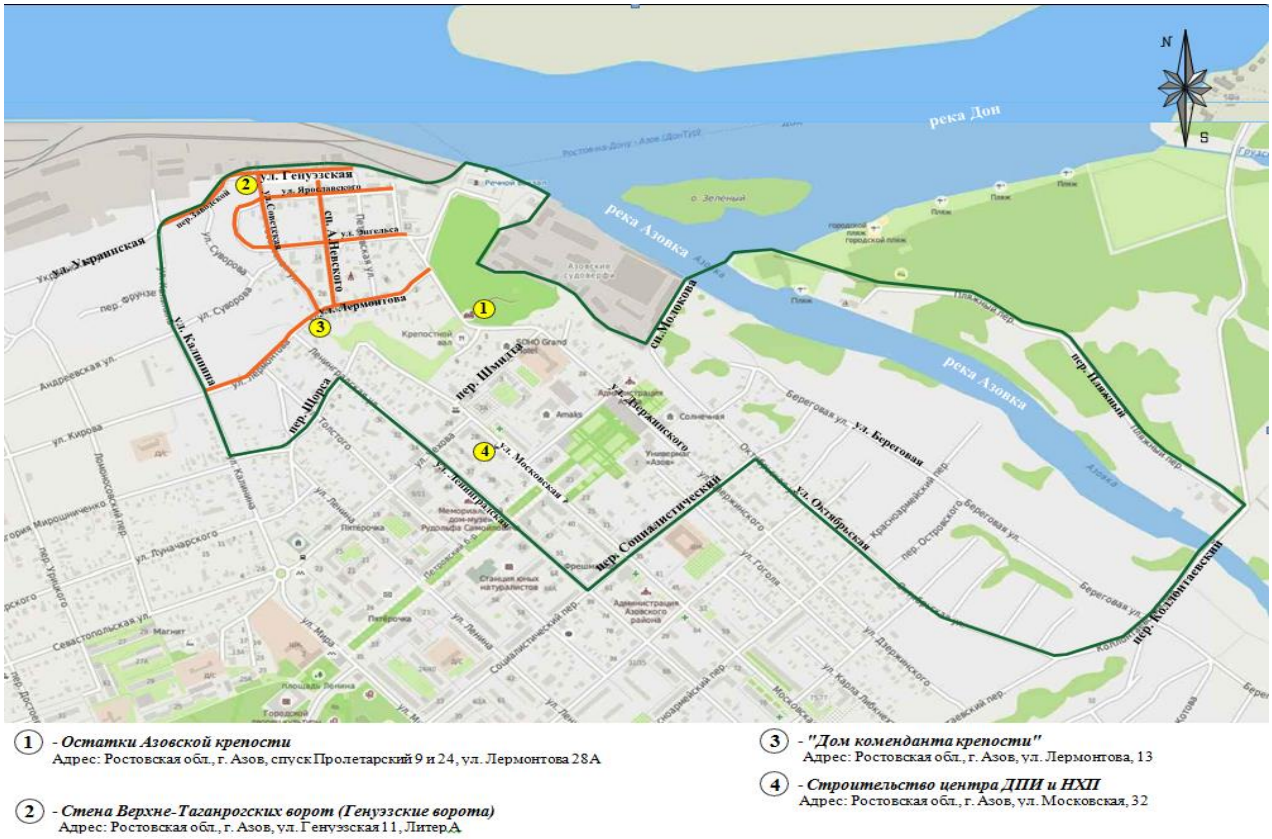
Subprojects to be financed under the Project were selected on a competitive basis. The proposals were submitted by administrations of the regions participating in the Project. The final selection of proposals for subprojects and their approval for funding is made by the Interministerial Commission for the implementation of the Project "Integrated Territory and Infrastructure Development of Small Historic Cities, Phase II" under the Russian Ministry of Culture (the IMC).

Following a competitive selection process, 8 subprojects were selected, including a subproject proposed by the Rostov Oblast Government entitled **Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)** (the Subproject). Within the framework of these Terms of Reference, the Subproject includes the following sections:

- restoration, reconstruction and construction of sites with their adaptation for cultural institutions' needs;
- historic environment regeneration;
- other facilities and activities;
- landscaping and local improvements.

I. RESTORATION, RECONSTRUCTION AND CONSTRUCTION OF SITES WITH THEIR ADAPTATION FOR CULTURAL INSTITUTIONS' NEEDS

Site location in Azov



1 - *Остатки Азовской крепости*
Адрес: Ростовская обл., г. Азов, спуск Пролетарский 9 и 24, ул. Лермонтова 28А

2 - *Стена Верхне-Таганрогских ворот (Генуэзские ворота)*
Адрес: Ростовская обл., г. Азов, ул. Генуэзская 11, Литер А

3 - *"Дом коменданта крепости"*
Адрес: Ростовская обл., г. Азов, ул. Лермонтова, 13

4 - *Строительство центра ДПИ и НХП*
Адрес: Ростовская обл., г. Азов, ул. Московская, 32

1. Remnants of the Azov Fortress. 2. Upper Taganrog Gate Wall. 3. 3. Building at the following address: Rostov Oblast, Azov, Lermontova St. 13, lit. Б. 4. Construction of Arts and Crafts Center.

1. Remnants of the Azov Fortress (Site 1)
Address: Rostov Oblast, Azov, Proletarsky Spusk 9 and 24; Lermontova St. 28, lit. A

1.1. Historic and Cultural Background

In accordance with the classification of cultural heritage sites (historical and cultural monuments) of the peoples of the Russian Federation (hereinafter referred to as cultural heritage sites), the remains of the Fortress of Azov, a memorial site of urban planning and architecture, is a sightseeing attraction of federal significance (category of historical and cultural significance).

The Azov Fortress is the only bastion fortress in the south of Russia, where a large part of the earth rampart line and several stone fortification buildings inside the fortress have been preserved.

Now the territory of the Azov Fortress is a historical planning framework of the central part of the city with a regular and valuable system of roads and streets. We know from historical documents that the fence of the fortress consisted of bastion-shaped earth ramparts, with their corners facing the field. The Azov Fortress was protected with the Alexeyevsky Hornwork on the eastern side. The Hornwork consisted of two demi-bastions and the curtain wall between them. The foundation of the Hornwork was a rampart built by Russian soldiers.

The preserved line of ramparts corresponds to the Azov Fortress plan in the 17th - early 19th centuries. The plan of the Azov Fortress ramparts was made by engineer A. Laval on the orders of Peter the Great. The Azov Fortress was built in accordance with the advanced European bastion system.

In 1698, Peter the Great visited Azov and was dissatisfied with the results and the course of works. Laval was dismissed and the engineer Borgsdorf made a new improved plan for the fortress.

In 1712, Azov was passed over to Turkey. During the Russian-Turkish wars of the 18th century, Azov was destroyed several times. In 1769, the fortress was occupied by Russian troops, and in 1774 Azov was finally annexed to the Russian Empire. The fortress was rebuilt along the old lines: three bastions and the Alekseyevsky Hornwork. There were four ravelins in front of the ramparts between the bastions and demi-bastions. The main gate of the fortress – the Trinity (Troitsky) Gate – was directed to the south and was protected by a ravelin, a triangular fortification outside the fortress walls. At the end of the 19th century the inner ramparts of the fortress were pulled down: the curtain wall with the Trinity Gate, the St. Anna bastion and the demi-bastion stretching towards the Don River. A sortiya (passage in the ramparts) was built instead of the Trinity Gate between the ravelin and the Petrovsky Bastion. Fortifications and their remnants survived to this day. In the 18th century the Azov Fortress was a border outpost in the south of the Russian Empire. Under Peter the Great, it was the strongest fortress on the Sea of Azov. Under Catherine II, the Azov Fortress was maintained in combat-ready condition. It was equipped with essential structures and equipment. From 1775 the Azov Fortress became a flank fortress of the Azov-Mozdok line. In 1778 Azov was visited by lieutenant-general Alexander Suvorov who oversaw the construction of the line. The Azov Fortress lost its status as a military facility in 1810. Azov became a town of the Ekaterinoslav province. The ramparts and buildings (barracks, cellars, etc.) of the fortress and were dismantled and destroyed in order to clear ground for new civil buildings. When the port began to develop, part of the ramparts and gates were destroyed in the laying of trade routes to the port. Due to the compact location of the port and small shipments, the development of the port was limited, so part of the ramparts were preserved and were not transferred to the port facilities.

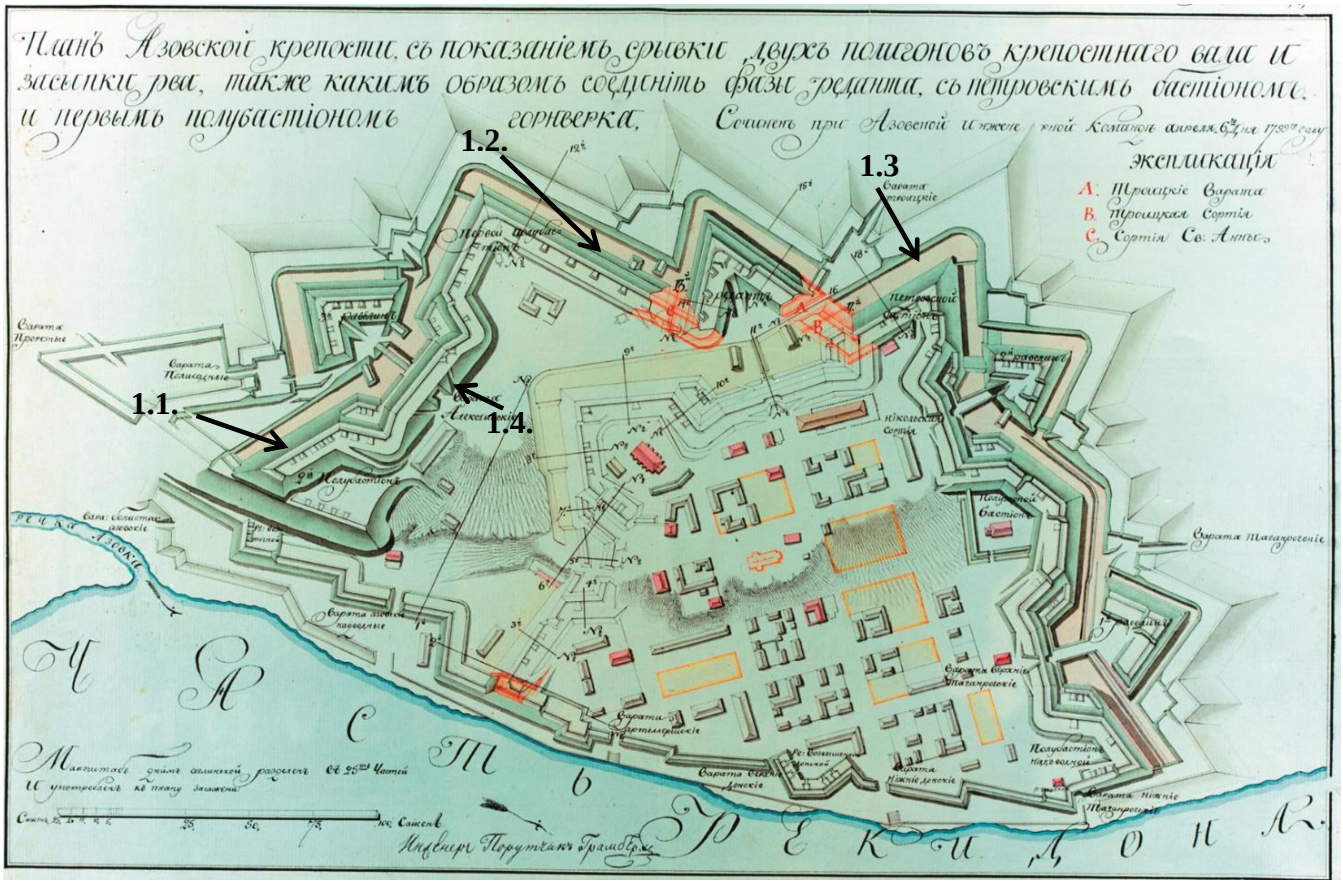
Within Site 1 the following components should be reconstructed and restored:

- Component 1.1. Second demi-bastion of the Alexeyevsky Hornwork (excluding buildings Г and Д). Address: Proletarsky Spusk, 9, lit. А, Б, В. Restoration and reconstruction of buildings А, Б, В, buildings Г and Д are not considered as part of this project;
- Component 1.2. First demi-bastion of the Alexeyevsky Hornwork. St. Anna Sortiya. Ravelin. Address: Proletarsky Spusk, 24;
- Component 1.3. Petrovsky bastion. Address: Lermontova St. 28, lit. А;

The following component shall be built:

- Component 1.4. Construction of a pedestrian bridge (footbridge) between the First and Second demi-bastions of the Alexeyevsky Hornwork.

1.2. The Azov Fortress plan (as in 1799)



1.3. Information on Current Physical Condition and Functional Use

Functional Use

The territory of the remnants of the Azov Fortress remains is a sightseeing attraction for organized tourist groups, a place of numerous festivals, celebrations, historical reconstructions, ethno-cultural festivals, and interactive museum programs. Part of the ramparts is used as a museum site.

Physical Condition

Component 1.1. Second demi-bastion of the Alexeyevsky Hornwork (excluding buildings Г and Д). Address: Proletarsky Spusk, 9, lit. А, Б, В.

The Second demi-bastion of the Alexeyevsky Hornwork is located to the northeast of the Azov Shipyard. According to the Technical passport, the territory of the Second demi-bastion of theAlexeyevsky Hornwork includes the following structures:

- Hornwork (earthen embankment), lit. А structure, total area: ≈ 37,772.0 sq. m,
- Alexeyev Gate, 1805. (brick walls), lit. Б structure, total area: ≈ 84.4 sq.m,
- Exterior slope (brick walls), lit. В structure, total area: ≈ 971.0 sq. m,
- Monument in honor of the 350th anniversary of the Sea of Azov siege, 1991. (foundation, walls), lit. Г structure, total area: ≈ 40.0 sq. m. (not considered within the framework of the Project),
- Memorial of Military Glory to the Cossacks, commemorating the events of 1637-1641 and 1695-1696 (walls, paving), lit. Д structure, total area: ≈ 390.0 sq m (not included into the Project).

The Second demi-bastion of the Alekseyevsky Hornwork is preserved in a satisfactory condition, but requires reconstruction. The ramparts need backfilling in order to create accurate geometric outlines. Part of the moat should be reconstructed. Part of the facade of the Second demi-bastion is slanted towards the shipyard. This bevel needs to be leveled to the height of the entire demi-bastion. There is a bastion scaffold and cannon scaffold created onn the ramparts of the Second demi-bastion in 1980s, on the top of the rampart there is a paving. It is necessary to replace the stone parapet with reconstruction of the earth parapet. Embrasures on the facade and flank of the Second demi-bastion, displayed in the plans of the Azov Fortress in 1799, shall be reconstructed, as well as the geometry of the earthworks according to the historical plans. Copies of fortress cannons and gun carriages need to be installed in order to have historical accuracy. It is planned to create an entrance space to the site (getting up and down the hill) in compliance with the conditions for low-mobility groups.

Component 1.2. First demi-bastion of the Alexeyevsky Hornwork. St. Anna Sortiya. Ravelin. Address: Azov, Proletarsky Spusk, 24

The First demi-bastion is behind the Alexeyevsky Gate along Vodopyanova Lane and Moskovskaya Street along the moat of the fortress from the passage near the Alexeyev Gate.

The condition of the curtain wall slope along Vodopyanova Lane is unsatisfactory and it needs to be backfilled to create accurate geometric outlines. It is necessary to reconstruct part of the moat and parapet (parapet is an embankment in fortifications, designed for better shooting, protection from bullets and shells, as well as for hiding from enemy surveillance) made of earthworks. The corner of the bastion is destroyed. The configuration of the demi-bastion, i.e. the corner formed by the face and

the flank, is not apparent. The earthen berm along the entire line of the structure is practically leveled. On the slopes of the rampart from Proletarsky Spusk to the demi-bastion, several washed-out holes are formed on the outer side, including on the bastion corner. On the curtain wall there are several pits, 60 to 150 cm in diameter. The moat along the First bastion is filled with earth. There is a need for restoration work to recreate the fortifications of the 17th-18th centuries, and to reconstruct the geometry of the earthwork according to the preserved plans. Copies of fortress cannons and gun carriages need to be installed in order to provide historical accuracy.

The end of the curtain wall along Moskovskaya Street reaches the place where the foundations of the walls of St. Anna's Sortiya were discovered (the passage in the ramparts to Lermontov Street).

On the slopes of the curtain wall there are pits on the inside of the fortress. In this place, the rampart is destroyed and does not reach the wall of the sortiya. The slope has several washed-out holes from the top to the bottom of the mound. St. Anna Sortiya was rebuilt in the early 19th century and it looked like a vault of brick pediments. Next to the St. Anna Sortiya it is planned to create an entrance (up and down) to the site so that the site could be accessible for low-mobility groups.

The Alekseyevsky Hornwork reaches the ravelin, which is a triangular-shaped fortification structure. The eastern part of the ravelin extends from Moskovskaya Street to Schorsa Lane, and the southern part is along Leningradskaya Street and Lermontov Street.

The geometry of the ravelin is broken: the embankment is overgrown with grass, and the corner of the ravelin on the outer (southern) side is destroyed by 20%. The geometry of the upper level and slopes of the embankment is destroyed by hollows and deep gaps in the slope. There are extraneous earth mounds and ditches adjacent to the ravelin. The right facet of the ravelin is 20% destroyed and the left facet is 10% destroyed. 80% of the inner filling of the ravelin is leveled. Only 60% of the

ravelin fortification is intact. It is necessary to reconstruct the ravelin (within the boundaries indicated in the Excerpt from the Unified State Register for the land plot) and restore the geometry of the earthwork in accordance with the available historic plans.

It is necessary to backfill and align the embankments, restore the geometry of the demi-bastion and curtain walls, sow grass on the slopes, clean the moat along Vodopyanova Lane and Moskovskaya Street, reconstruct the parapet and build embrasures in it. In order to reconstruct historically accurate environment it is necessary to make ten copies of fortress guns and gun carriages based on the original cannon standing in the yard of the Powder Cellar.

Component 1.3. Petrovsky Bastion. Address: Lermontova St. 28, lit. A

Petrovsky Bastion is preserved in a satisfactory condition, but it requires reconstruction. The ramparts need to be backfilled to create accurate geometric outlines. It is necessary to restore a part of the moat. The slope needs to be leveled to the height of the whole bastion. Since the bastion has a common border with the adjacent courtyards, a retaining wall around the entire structure shall be built.

Component 1.4. Construction of a pedestrian bridge (footbridge) between the First and Second demi-bastions of the Alexeyevsky Hornwork.

In the plan of the Azov Fortress in 1799 we see a solid rampart connecting the First and Second demi-bastions. The bridge over the Alexeyevsky Gate and the roadway creates a coherent image of the fortification site and makes it possible for a new tourist route, which will comply with the norms and regulations on accessible environment.

2. Upper Taganrog Gate Wall

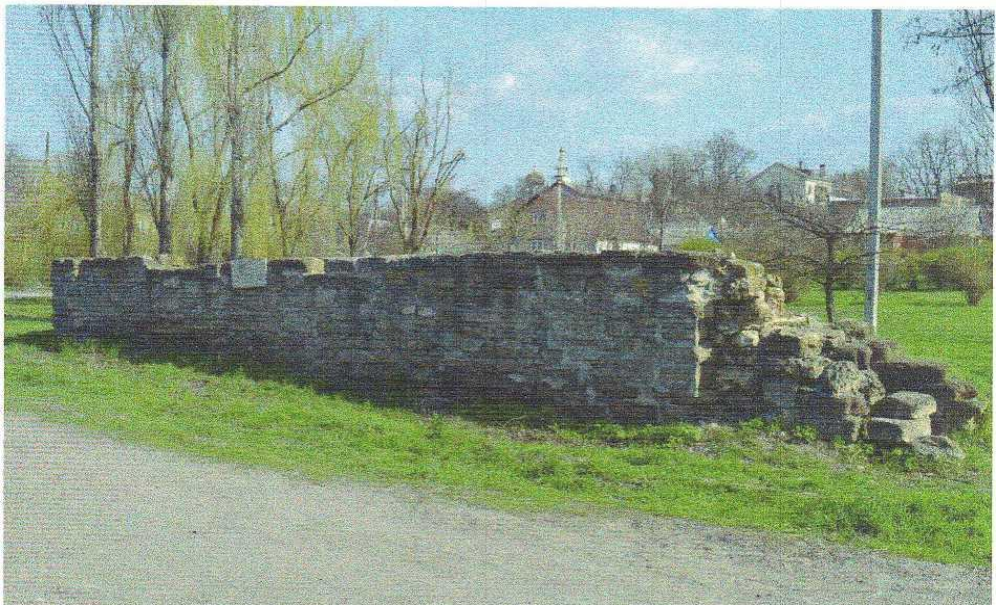
Address: Rostov Oblast, Azov, Genuezskaya St. 11.

2.1. Historic and Cultural Background

Before the revolution of 1917, the ancient stone gates in the western part of the Fortress were called Fortress Gates. They were renamed Genoese Gate in the 1930s, when after excavations it was decided that they had belonged to the Genoese colony. The excavations were carried out in 1935 by the expedition of the Rostov Regional Monument Protection Bureau. In 1935 the gates were two parallel stone walls (pylons) located along the width of the rampart of the Fortress and more than three meters apart. The length of the gate walls reached 13.5 m. The gate walls were faced with hewn stone in lime and sand mortar, while in the middle they were filled with fine stones. The middle part of the southern wall still has some remains of upper slabs, forming a cornice, and forged iron posts, one on each side of the gate, sunk into the solid stone. Gate wings were set on these posts. When the eastern wall was excavated, 0.9 m below the main foundation, the remains of wooden piles driven into the ground were found, and subsurface water came out 2.25 m below the surface. This showed that the northern side of the gate was built in a swampy area, which had to be strengthened with wooden piles, stones and earth mounds.

Evliya Çelebi, an Ottoman explorer who travelled through this territory and visited the Azov Fortress, wrote that all the northern gates of the fortress were on a lattice foundation of pillars. In 1901, it was written that the gate once had the remains of the broken torso of a sculpture of a lion. In the sixties of the 20th century, the old-timers used to tell about the existence of a stone archway of the Genoese Gate and sculptures of lions standing on each side of the facade of the arch. Maybe the plate with a lion was placed on the gate, the remains of which are preserved now, but this gate is not Genoese. This is the Upper Taganrog Gate of the Azov Fortress, built in the late 18th century. The Genoese Gate may have been somewhere nearby.

2.2. Photo of the site



2.3. Information on Current Physical Condition and Functional Use

Functional Use

Currently, the Upper Taganrog Gate Wall is not in use.

The holder of the title with respect to the cultural heritage site of federal significance “Remnants of the Azov Fortress” is the State Budgetary Cultural Institution of the Rostov Oblast “Azov Historical, Archaeological and Paleontological Museum-Reserve”.

The object of the title: The Upper Taganrog Gate Wall, total area 15.8 sq m, address: Rostov Oblast, Azov, Genuezskaya St., 11.

Land category: urban land, historical and cultural reserves.

Area: 2,858 sq m, address (location) of the site: Rostov Oblast, Azov, Genuezskaya St., 11.

Physical Condition

80% of the site is lost. It requires reconstruction and restoration.

The condition of the site is unsatisfactory. To date part of the southern gate wall is preserved: the lower part of masonry 1.5 m high and the foundation.

3. Building at the following address: Rostov Oblast, Azov, Lermontova St. 13, lit. Б (Site 3)

3.1. Historic and Cultural Background

Today there is an assumption that the building, located at 13, Lermontova Street, lit. Б, may be a cultural heritage site “The Commandant's house of the Azov Fortress, later the guardhouse (house of detention)”. According to the plans of the Azov Fortress made in 1803 and 1809, the commandant’s house was located at the intersection of today's Engels Street and Petrovskaya Street. And the guardhouses (three buildings) were premises for armed guards, they were built in 1787-1789. Historical, archival and bibliographic research showed that the building located at 13, Lermontova St., lit. Б, in the early 20th century, belonged to the petty bourgeois Vasily Grigorievich Bryukhnov, a hereditary honorary citizen of Azov. In 1907-1909 he worked as an assistant accountant of the Azov town council, and from 1910 to 1916 he was the town council accountant. As an accountant of the Board. In connection with the above information, it is necessary to work on the verification of the building at Lermontova Street. 13, lit. Б as a cultural heritage site. This site is adjacent to the First demi-bastion of the Alexeyevsky Horwork.

3.2. Photo of the site

3.3. Information on Current Physical Condition and Functional Use

Functional Use

The building is not in use.

Physical Condition

The building is in unsatisfactory condition.

The brick one-storey building is L-shaped in plan. Prior to the fire it had a multi-pitched roof, which burned down completely in the fire. The yard is accessed from Lermontova Street through a

metal gate and an inner passage. The total area of the building is 168.7 sq. m. The building's bearing walls are made of ceramic bricks with lime-cement mortar. The wooden ceiling over wooden beams is partially burnt out. Internal walls and partitions are made of brick and wooden frame-padded structures. Wooden double windows are rectangular in shape.

Architectural and artistic image of the main facade is formed by few brick decorative elements. The front entrance two-leaf door is wooden, decorated with rectangular panels.

The building is situated on the plot with the total area of 1,242 square meters. There are two half-ruined buildings in this plot of land at 13 Lermontova St.: building A and building Б. The building at 13, Lermontova St., lit. A, is not included in this project as it is planned to be demolished at the expense of the local budget.

4. Construction of the Center for Applied Arts and Folk Arts and Crafts (Site 4) Address: Rostov Oblast, Azov, Moskovskaya St. 32a.

4.1. Historic and Cultural Background

Territory for new construction of the Center for Arts and Crafts is located in the central part of the town, within walking distance of the Azov Museum-Reserve and other cultural and historical sites. The site is surrounded by residential buildings, a retail outlet and a public music school.

The historical architectural core of the city is formed by buildings of the 19th century: the building of the Azov Museum-Reserve, the Market Rows ensemble, the estate of Rousseau and the Kovalev rental house. They are within the boundaries of the archaeological site of federal significance Ancient Town Azak-Tany with the Necropolis. Therefore, given the special protected status of the land plot, it is necessary to undertake obligatory works on conservation of the archaeological heritage.

4.2. Location of the site for the Applied Arts Center construction

4.3. Information on Current Physical Condition and Functional Use

Functional Use

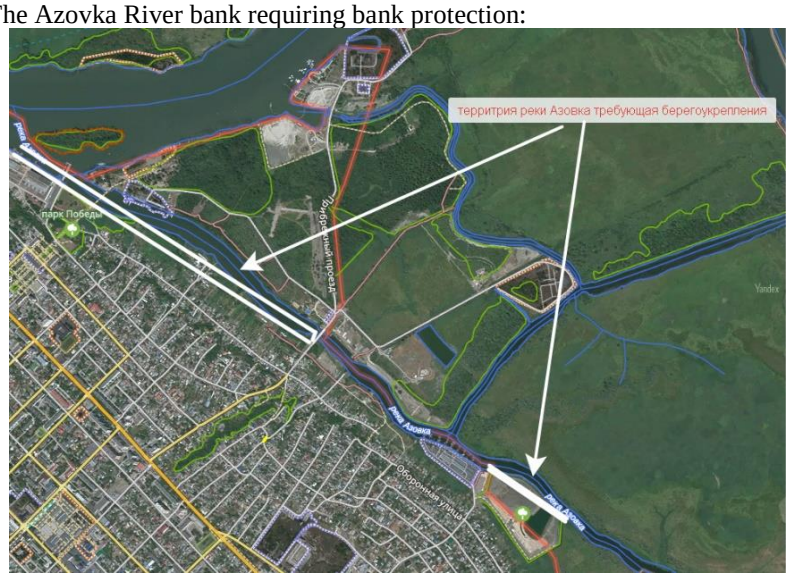
The land plot is not currently in use.

II. HISTORIC ENVIRONMENT REGENERATION

Site No	Site	Area, sq m	Functional use, user information	Work description
5	Building of the Second City Council and House of Ivan Shalashny (corrected name: Building of the City Duma and City Council of Azov, 1892; since 1976: building of the Azov Museum-Reserve) Address: Rostov Oblast, Azov, Moskovskaya St. 38/40, lit. А, Б. Cultural heritage site of regional significance	5,5411 Area of the façade: 2,498	Non-residential building, the main building of the State Budgetary Institution of the Rostov Oblast “Azov Historical, Archaeological and Paleontological Museum-Reserve”	The original facade of the building was changed and this distorts the historical appearance of the building. It is necessary to remove the plaster and sandblast the façade to return its historical look. The metal-plastic windows shall be substituted with wooden ones in accordance with the regulations on the use of historical heritage sites. After removal of the plaster, restoration and renovation works will need to be carried out. The last major renovation of the building was carried out in 1976.

III. OTHER FACILITIES AND ACTIVITIES

Site No	Site	Area	Work description
6	Azovka River Embankement	8.04 hectares	It is necessary to carry out the following works: - dredging works: the riverbed is 5 km long;

			- bank protection works: the total length of the bank in need of bank protection is 3.5 km, including 1.5 km on both sides from the Kolontayev Bridge to the outlet of the Azovka River into the Don River and 500 meters on the left side near Azak Park; The Azovka River bank requiring bank protection:  Azovka River embankment to be landscaped;  - landscaping and improvement; - construction of parking for small vessels on the right bank of the Azovka River. It is planned to build a berthing structure, projecting from the bank into the river and allowing mooring ships on one side in accordance with GOST R 57618.1-2017 “Infrastructure of the small fleet. General provisions”. The size of the mooring structure is not less than 66 x 2.4 m (platform, shore jetty and gangway); - arrangement of the concert ground; - dismantling of the old base of the embankment wall; - rearrangement of utility lines; - construction of a facility with berthing infrastructure. According to GOST R 57617-2017 “Recreational, entertainment, cultural and sports facilities on the open water surface and their infrastructure. Terms and definitions” and the objective need of improving social environment of the area, it is necessary to create an infrastructure base, namely: to build buildings to perform the main functions of the quay infrastructure, which will include premises for the staff of the Civil Defense Ministry; a sanitary complex (toilet, shower) for visitors of the quay, beach, and arriving tourists; “Outpost of Peter the Great” museum room; storage of inventory; locker rooms, and places for collecting waste.

IV. LANDSCAPING AND LOCAL IMPROVEMENTS

Site No	Site	Area, sq m	Functional use, user information
7	Tourist route along Petrovskaya Street	1,866	The following works are required: - laying of asphalt and concrete pavement; - installation of curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of small architectural forms, benches, urns, and tourist signs; - replacing overhead power lines with cable (underground) power lines; - removal of dead wood and thinning of tree crowns.
8	Tourist route along Aexander Nevsky Spusk	5,912	The following works are required: - laying of asphalt and concrete pavement; - installation of curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of small architectural forms, benches, urns, and tourist signs; - replacing overhead power lines with cable (underground) power lines; - removal of dead wood and thinning of tree crowns.
9	Tourist route along Genuezskaya Street	2,844	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - installation of street lighting; - removal of dead wood and thinning of tree crowns.
10	Tourist route (within the fragment) along Lermontova Street	5,406	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - installation of street lighting; - removal of dead wood and thinning of tree crowns.
11	Tourist route along Sovetskaya Street	3,520	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - installation of street lighting; - removal of dead wood and thinning of tree crowns.
12	Tourist route along Zavodskoy Lane	552	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones;

			- replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - replacing overhead power lines with cable (underground) power lines; - installation of street lighting; - removal of dead wood and thinning of tree crowns.
13	Tourist route along Engelsa Street	6,008	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - replacing overhead power lines with cable (underground) power lines; - installation of street lighting; - removal of dead wood and thinning of tree crowns.
14	Tourist route along Yaroslavskogo Street	3,100	The following works are required: - laying of asphalt and concrete pavement; - installation of new and removal of damaged curbstones; - replacement of sidewalk paving, which is in an unsatisfactory condition; - installation of storm water drainage system - installation in recreation area of small architectural forms, benches, urns, and tourist signs; - replacing overhead power lines with cable (underground) power lines; - installation of street lighting.
15	Heyerdahl Garden Address: Rostov Oblast, Azov, Dzerzhinskogo St., 5	275.84	This site was one of the five excavations, where the Russian-Norwegian expedition of the world famous explorer and traveler Thor Heyerdahl worked in 2001-2002. It is planned to build a park here, with small architectural forms, illumination and landscaping. In the center there will be a conserved archeological excavation site. Heyerdahl Garden will include information stands along three sides of the site. An “archaeological window” will be created in the preserved original excavation, illustrating the work of archaeologists. The figures of Thor Heyerdahl and three archaeologists will be placed inside the excavation as part of the display. The excavation will be covered with a vandal-proof transparent roof, which will allow visitors to see it at any time of the year. Preservation of the excavation will create a new sightseeing destination, which will increase the tourist attractiveness of Azov, improve the urban environment, and create a positive impression of the site for residents and visitors to the city. Conservation of the excavation is carried out by the Azov Museum-Reserve within the co-financing component.

2. ASSIGNMENT OBJECTIVE

The objective of this assignment is to develop scientific design documents, design documents (design stage level) and technical part of the bidding documents for the following Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast).

The Subproject shall increase the culture and tourism potential as a catalyst for socio-economic growth and sustainable development of the city of Azov (Rostov Oblast), a historic

settlement of federal significance, through comprehensive development of the city historic core, including establishment of a modern tourism infrastructure targeting family tourism and allowing to meet the interests of people of all ages.

3. SCOPE AND TIMELINE

In order to achieve the above objective, the Consultant shall provide design services in the following areas:

– development of scientific design documents and design documents (Design Stage Level) in accordance with the information and requirements described in this Section and Annex 2 to the Terms of Reference (ToR);

– development of the technical part of the bidding documents in compliance with the provided below list of documents. The technical part of the bidding documents shall include the following documents prepared in the format approved by the Client:

- a general explanatory note;
- the Environmental and Social Management Plan (ESMP);
- detailed Bills of Quantities (BOQ); and
- a set of drawings.

The services shall be provided within 24 months after the Contract signing date.

The sequence and duration of the service provision phases are described in Annex 1 to this ToR and in Section 5 of this ToR.

4. CLIENT'S INVOLVEMENT

The assignment shall be implemented by the Consultant in close cooperation with FISP, Rostov Oblast government, local authorities of the Azov Municipality, and users of the sites where the Subproject will be implemented.

5. REPORTING AND RESULT DELIVERY FORMAT

5.1. General Provisions

A Completion Report on the respective assignment Phase/Sub-phase shall be submitted within one week after completion of activities under the Phase/Sub-phase.

Unless agreed otherwise, both the report and the resulting documents attached thereto shall be submitted to the Client in one hard copy in Russian, one hard copy in English as well as electronically in both languages. Textual materials shall be submitted in MS Word, tables in MS Excel and graphics in AutoCAD (version 2004 or later) in .dwg and .pdf formats with figure captions in Russian and English.

The Client shall review the submitted Report within 30 calendar days after its submission and, thereafter, notify the Consultant in writing about the results of the review.

If the Client has any comments on the Report, it shall describe it in the notification and set a new deadline by which the Consultant shall submit the Report finalized with due regards for the comments.

If the Client does not make any comments on the Report within 30 calendar days, the Report shall be deemed accepted.

Within 5 working days after the acceptance of the Report, the Consultant shall submit to the Client a Service Acceptance Certificate in 2 copies and an invoice for the services in 2 copies (according to the payment schedule), to be reviewed and signed by the Client.

At the Client's request, the Consultant shall also make necessary clarifications on the design and technical part of the bidding documents, attend the pre-bid conference and participate in preparing answers to the bidders' questions on the documents.

5.2. Special Provisions

5.2.1. Special Provisions for Sites 1–15:

Phase 1: Conducting Surveys and Studies for Cultural Heritage Sites (CHS) shall be carried out pursuant to GOST R 55567-2013: Procedures for Organizing and Conducting Engineering Studies on Cultural Heritage Sites. Monuments of History and Culture, General Requirements (including Amendment No. 1); and for sites other than CHS, it shall be carried out in compliance with the legislation in effect as of the design process.

Phase 2: Development of Scientific Design Documents and Design Documents (Design Stage Level) consists of three Sub-phases, each of which requires a separate Completion report:

- **Completion Report for Sub-phase 2.1:** Development of and Obtaining Clearances for Critical Design Solutions.
- **Completion Report for Sub-phase 2.2:** Development of Scientific Design Documents and Going through the State Historic and Cultural Review (SHCR) (if necessary).

  The Report shall include a SHCR Certificate confirming completion of the review and obtaining a positive opinion of the review authority.
- **Completion Report for Sub-phase 2.3:** Development of Design Documents (Design Stage Level).

The documents included into the Report shall be prepared and executed as established by RF Government Resolution No. 87 of February 16, 2008 (on Composition of Design Document Sections and Requirements to Their Contents) and this ToR.

Phase 3: Clearance and Approval of Scientific Design Documents and Design Documents (Design Stage Level).

In addition to the approved and cleared scientific design documents and design documents (Design Stage Level), the Completion Report shall include positive opinions of the review authorities on the design documents and cost estimates (if the reviews are needed), as well as all necessary approval/clearance documents required by the Russian laws.

Both the Report and the documents attached thereto shall be submitted to the Client in 4 hard copies in Russian, 1 hard copy in English as well as electronically in both languages. Textual materials shall be submitted in MS Word, tables in MS Excel and graphics in AutoCAD (version 2004 or later) in dwg. and pdf. formats with figure captions in Russian and English.

Phase 4: Development of the Technical Part of the Bidding Documents.

The Completion Report for Phase 4 shall include technical part of the bidding documents prepared as required by this ToR and with a level of detail sufficient to hold a competitive selection of the Subproject contractor.

6. INSTITUTIONAL ARRANGEMENTS

Entities involved in Project implementation:

- The Public Client: the Ministry of Culture of the Russian Federation.

As a member of the IMC, the Ministry participates in overall guidance and strategic supervision of Project preparation and implementation. It provides for day-to-day guidance and management of

Project preparation and implementation; and reviews and approves the results of strategic and technical studies under the Project.

- The Client: the Saint Petersburg Foundation for Investment Projects (FISP).

Pursuant to the Loan Agreement and authority delegated to it under the Agency Agreement between the MoF, MoC and FISP, the latter performs some functions of the Public Client in respect of Project implementation. It organizes and coordinates Project implementation activities; performs day-to-day activities relating to preparation of necessary documents, procurement, financial reporting, monitoring and accounting; and signs respective contracts as directed by the MoC.

- (Potential) users:

- State Budgetary Cultural Institution of Rostov Oblast "Azov Historical, Archaeological and Paleontological Museum-Reserve" (Sites 1, 2, 3, 5, 15);
- Department of Land and Property Relations of the Azov City Administration (Sites 4, 6);
- Municipal institution Azov Department of Housing and Utilities (Sites 7, 8, 9, 10, 11, 12, 13, 14).

The Consultant shall be selected using the QCBS procedures pursuant to the World Bank's Procurement Guidelines and the procurement principles outlined in the NDB's Procurement Policy (dated 2018 with further amendments).

The Consultant shall closely cooperate with the Ivanovo Oblast government, the city of Yelets municipality, cultural institutions/CHS users, FISP, and other executive authorities and entities participating in Project implementation.

Representatives of the Consultant will participate in various Project-related meetings, as needed.

7. REQUIREMENTS TO QUALIFICATIONS OF THE CONSULTANT AND ITS KEY PERSONNEL

7.1. General Requirements to the Consultant

If the Contract is awarded to the Consultant, it shall submit to the Client: (i) a copy of the Russian license for works at cultural heritage sites certified by the Consultant, and (ii) the original of the extract from the register of members of the respective Russian self-regulatory organization (SRO) or a copy of the extract certified by the SRO.

Submission of these documents is mandatory for the conclusion of the Contract, but not for participation in the tender for the right to conclude it.

Requirements to the Consultant's Personnel (Experts) Working on Sites 1–5:

The Consultant shall have qualified staff, including experts with higher professional education and, preferably, work experience in the following areas:

- development and implementation of complex projects focusing on reconstruction and rehabilitation of buildings/structures and restoration of cultural heritage sites;
- preparation of spatial and landscape planning documents;
- preparation of technical part of the bidding documents as required by the international financial institutions.

It is preferable for the experts to have work experience in the Participating Regions and, in particular: knowledge of the regional culture, administrative system and functioning of the public and local authorities; and work experience with executive authorities and, preferably, with international financial institutions. The qualifications and competence of the key experts for this task should not be lower than:

Position	Required Qualifications
Team Leader / Chief Project Architect (CPA)	At least 10 years of experience in practical design work and at least 5 years of experience as a leader of a combined team of designers.
Chief Project Engineer (CPE)	At least 5 years of experience in design and construction of buildings/structures, including design and implementation of cultural heritage site restoration projects.
Restoration Architect (RA)	At least 5 years of experience in CHS preservation/restoration, including development of scientific design documents for restoration works.
Design Engineer (DE)	At least 5 years of experience as a design engineer specializing in the design of buildings/structures. Experience in design and implementation of CHS preservation/restoration projects.

Requirements to the Consultant's Personnel (Experts) Working on Sites 6–15:

The Consultant shall have qualified staff, including experts with higher professional education and, preferably, work experience in the following areas:

- preparation of spatial and landscape planning documents;
- preparation of technical part of bidding documents for competitive selection as required by the international financial institutions.

It is preferable for the experts to have work experience in the Participating Regions and, in particular: knowledge of the Russian language, regional culture, administrative system and functioning of the public and local authorities; and work experience with executive authorities. The key experts appointed for the assignment shall have qualifications and competences not lower than:

Position	Required Qualifications
Team Leader / Chief Project Architect (CPA)	At least 10 years of experience in practical design work and at least 5 years of experience as a leader of a combined team of designers.
Chief Project Engineer (CPE)	At least 5 years of experience in design of linear facilities, landscape enhancement and local improvements, and utility networks.
Senior Land Plot Management Specialist (SLPMS)	At least 5 years of experience in preparation of land plot layouts and design of landscape enhancement and local improvements.

7.2. Estimated Labor Inputs of the Key Experts

As estimated by the Client, labor inputs required for the assignment are as follows:

(i) For the key experts — 2 585 person-days, including:

For the key experts working on Sites 1–5:

- Team Leader/CPA — 495 person-days,
- CPE — 495 person-days,
- RA — 275 person-days
- DE — 275 person-days.

For the key experts working on Sites 6–15:

- Team Leader/CPA — 275 person-days,
- CPE — 275 person-days,
- SLPMS — 495 person-days.

(ii) Total labor inputs by the entire team — 12 087 person-days.

Note:

The Consultant's proposal shall include CVs of all key experts signed by them.

The list of the key experts given in the table above is a minimum required for the assignment and each Consultant should include these experts in their proposal.

Consultants may propose an extended list of experts and use a creative approach to describing the assignment implementation methodology.

8. ADDITIONAL REQUIREMENTS

Development of scientific design documents and clearance of the design solutions includes:

- consultations with public authorities that issue clearances for scientific design documents and design documents (Design Stage Level);
- obtaining a permit for CHS preservation works from the federal or regional heritage protection authority;
- obtaining an assignment for CHS preservation works issued by the federal or regional heritage protection authority;
- if necessary, payment of costs related to obtaining clearances and opinions required by the Russian laws, including costs related to the state historical and cultural review of the design documents;
- during the document development process, submission of architectural, planning, technological and engineering solutions, including specifications of utility and technological equipment, preliminarily approved by the users of the sites to be restored/reconstructed, for a preliminary review and clearance by the Client;
- obtaining the Client's preliminary clearance for the design documents (Design Stage Level);
- direct participation, together with the Client, and providing a supporting rationale for the proposed design solutions (project engineering support) during the review of the resulting scientific design documents and design documents (Design Stage Level) by the public regulators, institutions, agencies and review authorities.

All works required to develop scientific design documents are included in the scope and cost of developing design documents (design stage level), including activities such as:

- performing additional measurements;
- preparing a list of defects for implementation of restoration works;
- carrying out a land survey within the project boundaries;
- conducting engineering, hydrogeological and structural surveys (if necessary);
- conducting archaeological studies (if necessary);
- conducting an environmental study; and
- carrying out other necessary works pursuant to the Russian laws.

Annex 1

to the Terms of Reference for
Development of Scientific Design Documents,
Design Documents (Design Stage Level)
and Technical Part of Bidding Documents

Design Works for Sites 1–15: Timeline

Table 1

No	Activity	Months as from commencement of Service provision													
		1	2	3..7	8	9	10	11-16	17	18	19	…	22	23	24
1	**Phase 1: Implementation of surveys and studies**				◆ **Report for Phase 1**										
2	**Phase 2: Development of scientific design documents and design documents (design stage level)**														
3	Sub-phase 2.1: Development and obtaining clearances for critical design solutions						◆ **Report for Sub-phase 2.1**								
4	Sub-phase 2.2: Development of scientific design documents and going through the SHCR (if necessary)										◆ **Report for Sub-phase 2.2**				
5	Sub-phase 2.3: Development of design documents (design stage level)										◆ **Report for Sub-phase 2.3**				
6	**Phase 3: Clearance and approval of scientific design documents and design documents (design stage level)**												◆ **Report for Phase 3**		
7	**Phase 4: Development of the technical part of the bidding documents**													◆ **Report for Phase 4**	

Annex 2

to the Terms of Reference for
Development of Scientific Design Documents,
Design Documents (Design Stage Level)
and Technical Part of Bidding Documents

DESIGN ASSIGNMENT

SMALL HISTORIC CITIES DEVELOPMENT PROJECT PHASE II

INCREASING TOURISM ATTRACTIVENESS OF AZOV AS A SUSTAINABLE DEVELOPMENT STRATEGY (Azov, Rostov Oblast)

1. DESIGN ASSIGNMENT FOR SITES 1–4

Item	Description	Requirements
1	Design rationale	Contract AZ(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)
2	Site and land plot characteristics	*Site names and cultural heritage status shall be updated when the title documents are obtained* ***Site 1.*** **Remnants of the Azov Fortress** **Address: Rostov Oblast, Azov, Proletarsky Spusk 9 and 24; Lermontov St. 28, lit. A (components 1.1–1.4)** • Site 1 total area: (structures) ~ 55,151.4 sq m, land plot area: ~ 60,530 sq m **- Component 1.1. Second demi-bastion of the Alexeyevsky Hornwork (excluding buildings Г and Д)** Address: Proletarsky Spusk, 9, lit. А, Б, В. Floor area: ~ 38,827.4 sq m , land plot area: ~ 38,203 sq m; Building А. Hornwork (earthen mound), Floor area: ≈ 37,772.0 sq m; Building Б. Alexeyevsky Gate, 1805 (brick walls), Floor area: ≈ 84.4 sq m; Building В. Parapet (brick walls), Floor area: ≈ 971.0 sq m **- Component 1.2. First demi-bastion of the Alexeyevsky Hornwork. St. Anna Sortiya. Ravelin** Address: Azov, Proletarsky Spusk, 24. Floor area: ~ 14 753 sq m, land plot area: ~ 20 652 sq m Ravelin reconstruction to be performed within the boundaries specified in the extract from the Unified State Register for the land plot. **- Component 1.3. Petrovsky Bastion** Address: Lermontova St. 28, lit. А. Floor area: ~ 1,451 sq m, land plot area: ~ 1,675 sq m **- Component 1.4. Construction of a pedestrian bridge (footbridge) between the First and Second demi-bastions of the Alexeyevsky Hornwork** Estimated area of the bridge: ~ 120 sq m; • Cultural heritage site of federal significance. - Second demi-bastion of the Alexeyevsky Hornwork is regional property. The land plot is regional property. - The site “First demi-bastion of the Alexeyevsky Hornwork. St. Anna Sortiya. Ravelin” is regional property. The land plot is regional property.

		- Petrovsky Bastion is regional property. The land plot is regional property. ***Site 2.*** **Upper Taganrog Gate Wall** **Address: Rostov Oblast, Azov, Genoese Street 11** • The Site is regional property. • The land plot is regional property. Land plot area: ~ 2,858 sq m • Cultural heritage site of federal significance. ***Site 3.*** **Building at the address: Rostov Oblast, Azov, Lermontova St. 13, lit. Б** • There is an assumption that the building may be a cultural heritage site "The Commandant's house of the Azov Fortress, later the guardhouse (house of detention)". It is necessary to work on the verification of the building as a cultural heritage site. Floor area: ~ 168.7 sq m • The building is municipal property. • The land plot located at 13, Lermontova St., (land plot area: ~ 1,242 sq m) was formed in 2007 "for an apartment building". The building is vacant. The plot and the property are in the process of registration as part of the Azov Historical, Archaeological and Paleontological Museum-Reserve. ***Site 4.*** **Construction of the Center for Applied Arts and Folk Arts and Crafts** **Address: Rostov Oblast, Azov, Moskovskaya St. 32a** • New building construction, floor area: ~ 2,000 sq m • The land of the construction site is classified as residential land; it is municipal property, area: ~ 1,015 sq m
3	General Designer	To be selected on a competitive basis.
4	Panning constraints	- Azov land use and development regulations; - boundaries of conservation and land use zones; town planning regulations.
5	Type of construction works	CHS rehabilitation/restoration. Construction of buildings other than CHS.
6	Financial source	NDB Loan and federal budget.
7	Design phases	**Phase 1:** Implementation of surveys and studies. **Phase 2:** Development of scientific design documents and design documents (design stage level): Sub-phase 2.1: Development of and obtaining clearances for critical solutions. Sub-phase 2.2: Development of scientific design documents and going through the State Historic and Cultural Review (SHCR) (if necessary). Sub-phase 2.3: Development of design documents (design stage level). **Phase 3:** Clearance and approval of scientific design documents and design documents (design stage level). **Phase 4:** Development of the technical part of the bidding documents.

8	Information on identification of construction phases and startup facilities and their composition	Not envisaged.
9	Requirements to alternatives and competitive development	Not required.
10	Site complexity category	To be determined on the basis of the design.
11	Requirements to development of Project-specific Technical Specifications (PSTS) and fire risk estimates	PSTS shall be developed and cleared as necessary. Estimates of fire risks and evacuation time shall be prepared and cleared as necessary.
12	Requirements to general layout of the land plot	The boundaries of the area to be landscaped and improved shall be specified during the design process taking into account the inner courtyards and areas adjacent to the sites to be restored/reconstructed. When preparing the general layout of the land plot, it is necessary to take into account small architectural forms, decorative lighting elements, and access control equipment. The types of barriers shall be designed in detail. This volume shall include: a site grading plan; a cut and fill plan (there should be a separate cut and fill quantity sheet for outdoor utilities); a consolidated utilities layout specifying the type of trenches and sections for the drainage systems; a plan of local improvements with detailed sections for each type of activities and estimates of the pavement strength. Drainage system layouts shall be developed and the best possible solution selected. The design shall also include on-site traffic management schemes, access roads, road signs as well as internal navigation signs for future visitors.
13	Requirements to architectural and space planning solutions	The buildings shall be measured inside and outside before the design work can commence. The Consultant shall prepare a list of all lost elements, a dismantling quantity sheet, and a quantity sheet of rehabilitation works. The AS plans shall show the location of technological equipment. The Consultant shall also develop interior and color solutions. Spatial plans shall be developed on the basis of archived materials and restoration assignment. The Consultant shall develop a Bill of Quantities covering: window and door assemblies (to specify the type, material, complexity category); floors and ceilings (including re-creation/restoration of decorative elements); walls (including re-creation/restoration of decorative elements, internal walls and partitions). Prior to the development of design documentation measurements of buildings (interior / exterior) shall be taken.
14	Requirements to structural solutions	To design structural interventions to prevent a destructive effect on the surrounding built-up environment (if necessary). To design structural and technological interventions with a view to preserving the front façades.

		The need to strengthen the foundations shall be determined in the course of surveys and studies. The load bearing elements of the building frame shall follow the structural layout estimated in compliance with effective standards and regulations. Structural elements of the buildings shall be designed with due regard for the engineering/technological equipment load.
15	Requirements to technological solutions and equipment	During the design process, the Consultant shall prepare a list of technological solutions and equipment to allow the proposed functional use of the sites to be reconstructed and/or restored. The workplaces shall be equipped with furniture, PCs, peripheral equipment, printers and MFPs.
16	Requirements to utility connection solutions	When preparing the design documents together with the site user(s), the Consultant shall get required Technical Specifications (TS) that allow for: power supply (if necessary, it shall get TS for a power metering unit(s)); water supply/disposal, including stormwater runoff management; heating and gas supply (if necessary); communication networks (telephone and Internet), and a radio outlet with a civil defense/emergency warning signal (if necessary).
17	Power supply	The connection point shall meet the Technical Specifications. The design shall determine the power supply category. Voltage supplied to the internal power line shall be 230/380 V. Copper leads shall be used for power distribution inside the building and in switchgear. If necessary, the designer shall envisage separate switchboards for power users entitled to Category I Electricity Supply Reliability. The switchboards shall consist of an automatic transfer switch (ATS), an ATS distribution board, and, if necessary, an uninterruptible power source (UPS) and/or an alternative power source. The electrical service panel shall have automatic switches (if necessary, RCCB, DPR) on the lines that feed power sockets, lighting fixtures and technological equipment. Engineering equipment shall receive power from own switchboards. The outgoing lines shall have automatic combined release circuit breakers. The type of grounding for the supply and distribution (group) networks shall meet the existing regulations. The story-level switchboards shall be located in power niches or special premises (switchboard rooms). The designer shall envisage wiring ducts to lay electrical cables in inside the floors and walls. The floors shall accommodate wiring ducts to leading to ceiling-mounted lighting fixtures that shall have pull boxes at the end; if possible, the pull boxes shall be imbedded in the nearest walls or partitions (with due regard for heritage protection). To envisage power sockets in public areas to plug in cleaning equipment. Power metering units shall be installed at feeding points. They should be located in electrical meter boxes (EMB). If necessary, to envisage wiring for storage water heaters in places proposed for their installation. The electrical equipment design shall meet the Electrical Code (EC) and effective regulations of the Russian Federation.
18	Lighting	Lighting shall be designed pursuant to the existing regulations. System voltage: - 220 V for primary, emergency, standby and evacuation lighting.

		Estimate and make a 3D presentation of external and internal illumination intensity. The emergency and evacuation lighting power system shall be independent of the primary lighting power system as they shall be powered by different incoming line buses via separate cables. Lighting of the area within the site boundaries shall meet the effective regulations; the designer shall take into account the need to connect a video surveillance system. To design artistic lighting for exhibitions and displays. Lighting shall be designed and estimated taking into account that: - public zones and service spaces/rooms shall be equipped with energy saving LED lighting fixtures; - sStreet lights shall have both manual and automatic control. The buildings shall have a number plaque with photo relay-controlled lighting. Lightning protection shall be designed according to effective regulations.
19	Water supply	The connection point shall meet the Technical Specifications. There should be a water metering unit. The cold water meter (technical metering) shall be located in the inlet unit. If necessary, the designer shall envisage a water treatment system. The fire water supply system shall be taken into account. In case of a sub-standard operating pressure in the cold/hot water supply systems, a series of booster pumps shall be installed together with pressure regulators at inlets. If there is no access to the municipal hot water supply system, the design shall provide for hot water supply, from the heating system (to be taken into account in the individual heating point design). If it is impossible to heat water in the individual heating point or a separate gas fired boiler, the design shall provide for installation of electric water heaters/boilers, if necessary. The water supply systems shall be section-specific/zonal (for specific floors) and separate (depending on the functional use of premises); the trunk pipe layout shall be determined by the design; if possible, it should be manifold piping with individual manifold boxes. The design shall specify pipe materials, shaped elements and installation technique. The design shall include estimates of pipeline system hydraulics and axonometric diagrams to confirm that the selected pipe cross section is correct. During the survey, it is necessary to prepare a dismantling quantity sheet. Water to plumbing fixtures shall be supplied via flexible joints with stainless steel shields. The pipelines shall be insulated. The inlet unit and respective service spaces shall be equipped with a gangway to collect incidental water spills and remove wastewater after filter and disinfection equipment cleaning. If necessary, the design should include installation of watering taps along the building perimeter or an automatic watering system in the surrounding land plot (as agreed with the user). Estimates of the required demand of service and drinking water shall be established on the basis of the effective standards.

20	Outdoor water supply systems	To design the on-site water supply system up to the connection point within the land plot boundaries or in its immediate vicinity. The design shall correspond to the TS and be cleared by the TS issuing authority.
21	Sanitation	Disposal of domestic wastewater shall meet the TS. In case of technological sewerage/surface runoff from the road pavement, engineering solutions for wastewater treatment (grease traps, cartridge filters, local treatment plants, sewage treatment plants) shall be adopted. Sanitary facilities shall be equipped with pumps, if wastewater from them cannot be disposed into the outdoor sewers. Wastewater shall be disposed into the outdoor sanitation system via pressure lines. The sanitation system shall have vent valves releasing air into the outdoor network. Sewers shall be buried as much as possible. Cleanouts, drain shoes and vent valves shall be located in places convenient in terms of maintenance and be accessible through inspection holes. Incidental discharges of relatively clean effluents from pumping station/heating point pits shall be channeled into the combined sewer. The pits shall be equipped with drainage pumps.
22	Outdoor sanitation networks	The on-site sanitation system shall be designed up to the connection point within the land plot boundaries or in its immediate vicinity. The design shall correspond to the TS and be cleared by the TS issuing authority.
23	Heat supply	Connection to the heat supply system shall meet the TS. If it is technologically impossible, a gas fired boiler house shall be designed and gas supply TS shall be obtained. It is necessary to estimate the required amount of heat, including normative losses, for heating, ventilation and air conditioning purposes and, if necessary, hot water supply. User connection to the heat supply system: via automated individual heating points (IHP); their number shall be determined on the basis of technical specifications issued by the energy supplier in line with the functional uses. The IHP design shall focus on the use of energy efficient technologies and include a dispatch system that shall transmit data and be controlled, from the dispatch center. Heating systems of air handling units: separate (depending on the functional use of premises). Control with balancing valves; compensation through compensators. Mechanical ventilation and ventilation unit heating systems shall be automated, and data on all parameters shall be transmitted to the dispatch center. The automatic control of the heat supply and ventilation system shall: - maintain required and efficient heating parameters under possible variations of user loads; - reduce heat consumption using weather compensation technology; - carry out continuous monitoring, change parameters, and adjust and diagnose the operation of the equipment and the system as a whole; - give an accident signal in case an emergency situation is identified, and take actions to reduce damage. The heat supply/ventilation system dispatch function shall: - provide for remote control of the system operation; - archive operating parameters;

		- if necessary, allow remote control of the system (for example, to change the setup variables). Dispatching shall be both local (controllers connected to the dispatcher's computer within LAN) and remote (via the Internet). The heat supply, ventilation and hot water systems shall have independent connection. Equipment selected for the IHP shall be checked by calculations covering the transition and non-heating seasons. The design shall take into account heat metering units to be located in the IHP.
24	Heating	A two-pipe section-specific/floor-specific system shall be designed with separate heating contours (depending of the functional use of premises). Parameters of the heat carrier shall meet the TS. The design shall include estimates of system hydraulics and axonometric diagrams. The design shall provide for the use of energy efficient heating devices allowing independent adjustment of each device. Radial pipe distribution from the manifold shall be considered. To envisage control by balancing valves and compensation by bellow compensators. Staff rooms and service spaces shall have a heating system as required by the effective standards.
25	Ventilation	To design forced, mechanical, supply and exhaust ventilation systems. To adopt standardized air exchange. Air exchange in sanitary facilities and services spaces shall meet the standards of the Russian Federation. To develop an air exchange table by premises, a local exhaust table for the technological part of the design, a layout of air handling units, axonometric schemes of the ventilation system, automation schemes of air handling units and local exhausts, and manufacturer's data input forms. Air in the premises shall be heated using water-based air heaters (in the absence of heat power to envisage electric heaters). Air shall be extracted via air ducts, air shafts and channels with outlets above the building roof. A ventilation automation/dispatch system shall be designed. To develop specifications for combined heating/ventilation (HV) systems.
26	Air conditioning	To provide for air conditioning in the premises. The design shall determine the range of premises and type of air conditioning. To consider using precision air conditioners and humidifiers in premises with stricter requirements to temperature and humidity levels.
27	Fire ventilation	The design shall determine the need for fire ventilation. Smoke exhaust pressurization systems shall meet the existing regulations. The type of smoke exhaust ventilators shall be determined by the design. To envisage built-in insulated back pressure valves. Pressurization fans: electric, roof-mounted/duct/axial with built-in insulated back pressure valves/insulated dumpers. For air-lock premises/fire safety zones for low-mobility visitors, to design separate systems with open and closed door options. Fire ventilation shall be automated and transmit data on power/malfunction/operating mode to the dispatch center. Smoke protection systems shall be automatically controlled by the fire alarm system (or an automatic fire suppression unit) both remotely, from

		the dispatcher's control board and manually by buttons to be installed near evacuation exits or in fire valve cabinets.
28	Automation of the ventilation and air conditioning systems	The automation system shall provide for: - switching off/on and indicating the operating modes (operation/accident) of the ventilation systems; - switching off the ventilation systems after a fire alarm signal; - automatic maintaining the selected temperature of intake air; - control/monitoring of the operation and conditions of the ventilation system fans; - control of air filters' contamination; - protection of the ventilation system fans from current overload and short circuit; - frequency control of fan performance of ventilation systems. In the control panels of ventilation systems to provide output of the parameter "malfunction" to the control room. The air conditioning system shall have wireless control panels. The designer shall develop automation schemes and panels.
29	Installation of telephone and computer lines	Organization of access to the city telephone networks and the Internet to be performed in accordance with the specifications. Subscriber outlets are to be provided at each workplace. IP telephony shall be used as the telephone network technology. If the length of the trunk line cable is more than 80 meters, use FOL. Provide 100% coverage of buildings' area with Wi-Fi network. Develop structural and circuit diagrams of connections. The bandwidth of the internal channel shall be at least 1Gb. The project shall include the design of data center and data storage system based on the needs of the user and the load.
30	Integrated TV reception system	The system shall be developed in accordance with the specifications. Develop structural and circuit diagrams of connections.
31	Radio system installation	The radio system should be designed in accordance with the specifications. Develop structural and circuit diagrams of connections.
32	Video surveillance and emergency communication	Video surveillance system shall be planned to monitor the building perimeter and rooms inside the building for the following areas: - facades of the complex with main and evacuation exits; - exits to the roof of the building. High resolution FHD digital color cameras shall be used. Images from the cameras shall be brought together in the control room and displayed on monitors. It should be possible to process and record information digitally on a computer hard drive sufficient for storing two weeks' data with subsequent recording on another medium. Installation locations and functionality of video cameras shall be agreed with the User.
33	Gas supply	To design the indoor and outdoor gas supply systems as needed.
34	Fire safety system automation	The building's fire safety automation system (FSAS) shall provide interaction between the building's fire protection systems and installations. The FSAS system shall integrate the following building fire protection systems and installations: - an automatic fire alarm system;

		- a notification and evacuation management system; - smoke-extraction and fire-prevention system control in ventilation systems; - an automatic fire-fighting system. In case of activation of the fire alarm system, provide for disconnection of the general ventilation air-conditioning system.
35	Public fire alarm and evacuation management system (PFAEMS)	The project shall provide for a system of warning and evacuation control in case of fire. The number of projected voice and sound sirens in the premises shall be determined based on the specifications of the sirens. Fire alarm sounders shall provide a total sound level (the sound level of the constant noise together with all the signals produced by the sounders) of not less than 75 dBA at a distance of 3 m from the alarm source, but not more than 120 dBA in any point of the protected premises. The number of voice or sound fire alarms, their arrangement and power must provide the required sound level in all places of permanent or temporary occupancy. The alarm signals must be distinct from other signals, i.e. either a voice message or an audible signal interpreted unambiguously as "Fire" should be transmitted in the event of a fire. The voice alarms shall not have volume controls. The control devices for the fire alarm control system shall be located in a continuously manned fire watch room. PFAEMS shall have fire resistant cables and wires with fire safety certificates.
36	Fire warning system	Develop a fire alarm system in accordance with regulatory requirements. Fire alarm stations shall be located in the control room. The premises of the facility shall be equipped with: • automatic fire warning system (AFWS) with addressable analogue smoke and heat maximum differential fire detectors; • addressable manual fire detectors. AFWS shall have fire resistant cables and wires with safety certificates
37	Dispatching and automation	To develop the system of dispatching of engineering systems with the output of parameters to the dispatcher's point in the operator's workstation.
38	Requirements to construction management plan	To be executed in accordance with current norms and rules.
39	Requirements to capital project demolition/ dismantling management plan	To be executed in accordance with current norms and rules (if necessary).
40	Requirements to the design section List of Environmental Management Activities	To be executed in accordance with current norms and rules.
41	Requirements to development of cultural heritage protection activities	The project shall include a section entitled Cultural Heritage Protection Activities. When developing the scientific design documents, the designer shall be guided by Federal Law No. 73-FZ of June 25, 2002 On Cultural Heritage Sites (Monuments of History and Culture) of the

	(adjacent built-up areas)	Peoples of the Russian Federation and other normative legal documents in force in the Russian Federation.
42	Requirements to execution of documents for and obtaining clearances from the State Historical and Cultural Review (SHCR) Office	The design work shall be carried out pursuant to the effective legislation. All SHCR requirements, including the requirement to document heritage protection subject matter and have it cleared by the heritage protection authority, shall be met.
43	Requirements to the section List of Fire Safety Activities	To be executed in accordance with current norms and rules.
44	Requirements to the section Accessibility for the Disabled	As required by regulation SP 59.13330.2016 (Revised SNiP edition 35-01-2001) and GOST R 58178-2018 (effective as of March 1, 2019).
45	Requirements to the section Civil Defense Activities and Preparedness for Natural/Industrial Disasters	To be executed in accordance with current norms and rules.
46	Requirements to cost estimates, including methods used to calculate the cost of construction and convert it to current prices	To be executed in accordance with current norms and rules as well as expert review requirements, if any.
47	Requirements concerning the need for demonstration materials, their scope and form	Development of presentation (text, graphic) materials for public hearings. If necessary, production of 2–3 posters and a digital presentation.
48	Requirements to composition and contents of documents and regulatory acts used as a basis for design	As set out in: - The Town Planning Code of the Russian Federation; - Government Resolution No. 87 of February 16, 2008, on Composition and Requirements to Contents of Design Document Sections; - Federal Law No. 123-FZ of July 22, 2008 – Technical Regulation on Fire Safety Requirements; - Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation, and other effective regulations and rules.
49	Requirements to getting clearances	The Consultant shall be responsible for getting data and clearances required for project implementation. It shall: provide assistance and make presentations at public hearings; make requests and provide estimates to obtain TS, letters of approval, initial permits, and a land plot development plan; participates in working meetings with representatives of the approving institutions and authorities; and, if necessary, speak on behalf of the User and Client under a power of attorney.

50	Requirements to development of priority emergency response activities	To be developed, if necessary.
51	Requirements to materials and equipment to be used for project implementation	Materials and equipment (goods) to be used for project implementation shall be manufactured in the NDB member countries in the same form as they are proposed for execution of works/delivery of goods. Goods may be manufactured in the NDB member countries in whole or as a result of significant and large-scale assembly of the components of another commercially recognized product which is substantially different from its components. It shall be considered that goods are locally manufactured if the CIF price of direct imports is equal to or less than 50 percent of its EXW price.

2. DESIGN ASSIGNMENT FOR SITE 5

Item	Description	Requirements
1	Design rationale	Contract AZ(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)
2	Site and land plot characteristics	*Site names shall be updated when the title documents are obtained* ***Site 5. Building of the Second City Council and House of Ivan Shalashny (corrected name: Building of the City Duma and City Council of Azov, 1892; since 1976: building of the Azov Museum-Reserve)*** ***Address: Rostov Oblast, Azov, Moskovskaya St. 38/40, lit. А, Б*** Cultural heritage site of regional significance. The building and the land plot is regional property. The user is Budgetary Institution of the Rostov Oblast "Azov Historical, Archaeological and Paleontological Museum-Reserve". The façade area for restoration work: ~ 2,498 sq m. The parameters shall be clarified during the design process.
3	General Designer	To be selected on a competitive basis.
4	Planning constraints	- Azov land use and development regulations; - boundaries of conservation and land use zones; town planning regulations.
5	Type of construction works	Repair and restoration (if necessary). Types and scope of work to be updated during design development.
6	Financial source	NDB Loan and federal budget.
7	Design phases	**Phase 1:** Implementation of surveys and studies.

		Phase 2: Development of scientific design documents and design documents (design stage level): Sub-phase 2.1: Development of and obtaining clearances for critical solutions. Sub-phase 2.2: Development of scientific design documents and going through the State Historic and Cultural Review (SHCR), if necessary. Sub-phase 2.3: Development of design documents (design stage level) **Phase 3:** Clearance and approval of scientific design documents and design documents (design stage level). **Phase 4:** Development of the technical part of the bidding documents.
8	Requirements to general layout of the land plot	The boundaries of landscaping shall be clarified during the design; the inner courtyard and adjacent areas shall be taken into account.
9	Requirements to architectural solutions	The buildings shall be measured inside and outside before the design work can commence. The Consultant shall prepare a list of all lost elements, a dismantling quantity sheet, and a quantity sheet of rehabilitation works. The Consultant shall also develop color solution.
10	Requirements to structural solutions	To design structural interventions to prevent a destructive effect on the surrounding built-up environment (if necessary). To design structural and technological interventions with a view to preserving the front façades.
11	Requirements to construction management plan	To be executed in accordance with current norms and rules.
12	Requirements to organization of demolition and dismantling works	To be executed in accordance with current norms and rules (if necessary).
13	Requirements to the design section List of Environmental Management Activities	To be executed in accordance with current norms and rules.
14	Requirements to development of cultural heritage protection activities (adjacent built-up areas)	If necessary, to envisage a section entitled Cultural Heritage Protection Activities. When developing the scientific design documents, the designer shall be guided by Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation as well as by other regulatory legal documents that are in force in the Russian Federation.
15	Requirements to execution of documents for and obtaining clearances from the State Historical and Cultural Review (SHCR) Office	The design work shall be carried out pursuant to the effective legislation. All SHCR requirements, if any, shall be met.
16	Requirements to the section List of Fire Safety Activities	To be executed in accordance with current norms and rules.

17	Requirements to cost estimates	To be developed in accordance with the effective standards and regulations as well as expert review requirements, if any.
18	Requirements concerning the need for demonstration materials, their scope and form	If necessary: development of presentation (text, graphic) materials for public hearings, making 2–3 poster boards and a digital presentation.
19	Requirements to composition and contents of documents and regulatory acts used as a basis for design	In compliance with: - The Town Planning Code of the Russian Federation; - Government Resolution No. 87 of February 16, 2008, on Composition and Requirements to Contents of Design Document Sections - Federal Law No. 123-FZ of July 22, 2008 – Technical Regulation on Fire Safety Requirements; - Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation, and other effective regulations and rules.
20	Requirements to obtaining clearances	The Consultant shall be responsible for getting data and clearances required for project implementation. It shall: support presentations at public hearings, if necessary; make requests and provide estimates to obtain TS, letters of approval and initial permits; participate in working meetings with representatives of the approving institutions and authorities; and, if necessary, speak on behalf of the User and Client under a power of attorney.
21	Requirements to materials and equipment to be used for project implementation	Materials, equipment (goods) used in the implementation of the Project must be produced in the NDB member countries in the form in which they are proposed to be contracted/supplied. Goods may be produced in the NDB member countries entirely or as a result of substantial and major assembly of components of another commercially recognized product significantly different from its components. A product is considered to be locally produced if the volume of direct imports, valued at cost, insurance and delivery, is 50% or less of its EXW price.

3. DESIGN ASSIGNMENT FOR SITE 6

Item	Description	Requirements
1	Design rationale	Contract AZ(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)
2	Site and land plot characteristics	*Site names shall be updated when the title documents are obtained* ***Site 6. Azovka River Embankement*** Area: ~ 8.04 hectares Functional use: public space, river bank area.
3	General Designer	To be selected on a competitive basis.
4	Panning constraints	- Azov land use and development regulations;

		- boundaries of conservation and land use zones; town planning regulations.
5	Type of construction works	It is necessary to carry out the following works: - dredging works: the riverbed is 5 km long; - bank protection works: the total length of the bank in need of bank protection is 3.5 km, including 1.5 km on both sides from the Kolontayev Bridge to the confluence of the Azovka River and the Don River, and 500 meters on the left side near Azak Park;   - landscaping and improvement; - construction of parking for small vessels on the right bank of the Azovka River. It is planned to build a berthing structure, projecting from the bank into the river and allowing mooring ships on one side in accordance with GOST R 57618.1-2017 “Infrastructure of the small fleet. General provisions”. The size of the mooring structure is not less than 66 x 2.4 m (platform, shore jetty and gangway); - arrangement of the concert ground; - dismantling of the old base of the embankment wall; - rearrangement of utility lines; - construction of a facility with berthing infrastructure. According to GOST R 57617-2017 “Recreational, entertainment, cultural and sports facilities on the open water surface and their infrastructure. Terms and definitions” and the objective need of improving social environment of the area, it is necessary to create an infrastructure base, namely: to build buildings to perform the main functions of the quay infrastructure, which will include premises for the staff of the Civil Defense Ministry; a sanitary complex (toilet, shower) for visitors of the quay, beach, and arriving tourists;

		"Outpost of Peter the Great" museum room; storage of inventory; locker rooms, and places for collecting waste. If necessary, an environmental impact assessment shall be carried out.
6	Financial source	NDB Loan and federal budget.
7	Design phases	**Phase 1:** Implementation of surveys and studies. **Phase 2:** Development of scientific design documents and design documents (design stage level): Sub-phase 2.1. Development and obtaining clearances for critical design solutions. Sub-phase 2.2. Development of scientific design documents and going through the SHCR (if necessary). Sub-phase 2.3: Development of design documents (design stage level). **Phase 3:** Clearance and approval of scientific design documents and design documents (design stage level). **Phase 4:** Development of the technical part of the bidding documents.
8	Requirements to general layout of the land plot	Landscaping works boundaries shall be defined during design development. When preparing the layout of the land plot, it is necessary to take into account small architectural forms and decorative lighting elements. The types of barriers shall be designed in detail. This volume shall include: a site grading plan; a cut and fill plan (there should be a separate cut and fill quantity sheet for outdoor utilities); a consolidated network layout specifying the type of trenches and sections for the drainage systems; a plan of landscape enhancement and local improvements with detailed sections for each type of activities. To prepare drainage system layouts and select the best possible solution. The design shall also include internal navigation signs for future visitors.
9	Requirements to utility connection solutions	When preparing the design documents together with the site user(s), the Consultant shall receive Technical Specifications that allow for power supply and sanitation, including stormwater runoff management. Location of the existing utilities shall be taken into account.
10	Requirements to construction management plan	To be executed in accordance with current norms and rules.
11	Requirements to organization of demolition and dismantling works	To be executed in accordance with current norms and rules (if necessary).
12	Requirements to the design section List of Environmental Management Activities	To be executed in accordance with current norms and rules.
13	Requirements to development of cultural heritage protection activities (adjacent built-up areas)	If necessary, to envisage a section entitled Cultural Heritage Protection Activities. When developing the scientific design documents, the designer shall be guided by Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation as well as by other regulatory legal documents that are in force in the Russian Federation.

14	Requirements to execution of documents for and obtaining clearances from the State Historical and Cultural Review (SHCR) Office	The design work shall be carried out pursuant to the effective legislation. All SHCR requirements, if any, shall be met.
15	Requirements to the section List of Fire Safety Activities	To be executed in accordance with current norms and rules.
16	Requirements to the section Measures to Ensure Accessibility for People with Disabilities	In accordance with the requirements of SP 59.13330.2016 (Revised edition of SNiP 35-01-2001) and GOST R 58178-2018 (came into effect 01.03.2019).
17	Requirements to the section Civil Defense Activities and Preparedness for Natural/Industrial Disasters	To be executed in accordance with current norms and rules.
18	Requirements to cost estimates	To be developed in accordance with the effective standards and regulations as well as expert review requirements, if any.
19	Requirements concerning the need for demonstration materials, their scope and form	If necessary: development of presentation (text, graphic) materials for public hearings, making 2–3 poster boards and a digital presentation.
20	Requirements to composition and contents of documents and regulatory acts used as a basis for design	In compliance with: - The Town Planning Code of the Russian Federation; - Government Resolution No. 87 of February 16, 2008, on Composition and Requirements to Contents of Design Document Sections; - Federal Law No. 123-FZ of July 22, 2008 – Technical Regulation on Fire Safety Requirements; - Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation, and other effective regulations and rules.
21	Requirements to obtaining clearances	The Consultant shall be responsible for getting data and clearances required for project implementation. It shall: support presentations at public hearings, if necessary; make requests and provide estimates to obtain TS, letters of approval and initial permits; participate in working meetings with representatives of the approving institutions and authorities; and, if necessary, speak on behalf of the User and Client under a power of attorney.
22	Requirements to getting clearances	The Consultant shall be responsible for getting data and clearances required for project implementation. It shall: support presentations at public hearings, if necessary; make requests and provide estimates to obtain TS, letters of approval and initial permits; participate in working meetings with

		representatives of the approving institutions and authorities; and, if necessary, speak on behalf of the User and Client under a power of attorney.

4. DESIGN ASSIGMENT FOR SITES 7–15

Item	Description	Requirements
1	Design rationale	Contract AZ(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Increasing Tourism Attractiveness of Azov as a Sustainable Development Strategy (Azov, Rostov Oblast)
2	Site and land plot characteristics	*Site names shall be updated when the title documents are obtained* ***Site 7. Tourist route along Petrovskaya Street*** Area: ~ 1,866 sq m Functional use: public space. ***Site 8. Tourist route along Aexander Nevsky Spusk*** Area: ~ 5,912 sq m Functional use: urban road network. ***Site 9. Tourist route along Genuezskaya Street*** Area: ~ 2,844 sq m Functional use: urban road network. ***Site 10. Tourist route (within the fragment) along Lermontova Street*** Area: ~ 5,406 sq m Functional use: urban road network. ***Site 11. Tourist route along Sovetskaya Street*** Area: ~ 3,520 sq m Functional use: urban road network. ***Site 12. Tourist route along Zavodskoy Lane*** Area: ~ 552 sq m Functional use: urban road network. ***Site 13. Tourist route along Engelsa Street*** Area: ~ 6,008 sq m Functional use: urban road network. ***Site 14. Tourist route along Yaroslavskogo Street*** Area: ~ 3,100 sq m Functional use: urban road network. ***Site 15. Heyerdahl Garden*** ***Address: Rostov Oblast, Azov, Dzerzhinskogo St. 5*** Area: ~ 275.84 sq m The land plot is municipal property. Use: State Budgetary Cultural Institution of the Rostov Oblast "Azov Historical, Archaeological and Paleontological Museum-Reserve". Permanent (unlimited) use.

		Functional use: mot in use.
3	General Designer	To be selected on a competitive basis.
4	Planning constraints	- Azov land use and development regulations; - boundaries of conservation and land use zones; town planning regulations.
5	Type of construction works	Earthworks, including vertical planning, pavement construction, rehabilitation of trees and bushes, and planting of trees, bushes and ground-covering plants. Installation of small architectural forms and construction of a stormwater drainage system and public toilets, street lighting, etc. The types and scope of works to be updated during the design process.
6	Financial source	NDB Loan and federal budget.
7	Design phases	**Phase 1:** Implementation of surveys and studies. **Phase 2:** Development of scientific design documents and design documents (design stage level): Sub-phase 2.1. Development and obtaining clearances for critical design solutions. Sub-phase 2.2. Development of scientific design documents and going through the SHCR (if necessary). Sub-phase 2.3: Development of design documents (design stage level). **Phase 3:** Clearance and approval of scientific design documents and design documents (design stage level). **Phase 4:** Development of the technical part of the bidding documents.
8	Requirements to general layout of the land plot	Landscaping works boundaries shall be defined during design development When preparing the layout of the land plot, it is necessary to take into account small architectural forms and decorative lighting elements. The types of barriers shall be designed in detail. This volume shall include: a site grading plan; a cut and fill plan (there should be a separate cut and fill quantity sheet for outdoor utilities); a consolidated network layout specifying the type of trenches and sections for the drainage systems; a plan of landscape enhancement and local improvements with detailed sections for each type of activities. To prepare drainage system layouts and select the best possible solution. The design shall also include internal navigation signs for future visitors.
9	Requirements to utility connection solutions	When preparing the design documents together with the site user(s), the Consultant shall receive Technical Specifications that allow for power supply and sanitation, including stormwater runoff management. Location of the existing utilities shall be taken into account.
10	Requirements to construction management plan	To be executed in accordance with current norms and rules.
11	Requirements to organization of demolition and dismantling works	To be executed in accordance with current norms and rules (if necessary).
12	Requirements to the design section List of Environmental Management Activities	To be executed in accordance with current norms and rules.

13	Requirements to development of cultural heritage protection activities (adjacent built-up areas)	If necessary, to envisage a section entitled Cultural Heritage Protection Activities. When developing the scientific design documents, the designer shall be guided by Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation as well as by other regulatory legal documents that are in force in the Russian Federation.
14	Requirements to execution of documents for and obtaining clearances from the State Historical and Cultural Review (SHCR) Office	The design work shall be carried out pursuant to the effective legislation. All SHCR requirements, if any, shall be met.
15	Requirements to the section List of Fire Safety Activities	To be executed in accordance with current norms and rules.
16	Requirements to the section Measures to Ensure Accessibility for People with Disabilities	In accordance with the requirements of SP 59.13330.2016 (Revised edition of SNiP 35-01-2001) and GOST R 58178-2018 (came into effect 01.03.2019).
17	Requirements to the section Civil Defense Activities and Preparedness for Natural/Industrial Disasters	To be executed in accordance with current norms and rules.
18	Requirements to cost estimates	To be developed in accordance with the effective standards and regulations as well as expert review requirements, if any.
19	Requirements concerning the need for demonstration materials, their scope and form	If necessary: development of presentation (text, graphic) materials for public hearings, making 2–3 poster boards and a digital presentation.
20	Requirements to composition and contents of documents and regulatory acts used as a basis for design	In compliance with: - The Town Planning Code of the Russian Federation; - Government Resolution No. 87 of February 16, 2008, on Composition and Requirements to Contents of Design Document Sections; - Federal Law No. 123-FZ of July 22, 2008 – Technical Regulation on Fire Safety Requirements; - Federal Law No. 73-FZ of June 25, 2002, on Cultural Heritage Sites (Monuments of History and Culture) of the Peoples of the Russian Federation, and other effective regulations and rules.
21	Requirements to getting clearances	The Consultant shall be responsible for getting data and clearances required for project implementation. It shall: support presentations at public hearings, if necessary; make requests and provide estimates to obtain TS, letters of approval and initial permits; participate in working meetings with

		representatives of the approving institutions and authorities; and, if necessary, speak on behalf of the User and Client under a power of attorney.
22	Requirements to materials and equipment to be used for project implementation	Materials, equipment (goods) used in the implementation of the Project must be produced in the NDB member countries in the form in which they are proposed to be contracted/supplied. Goods may be produced in the NDB member countries entirely or as a result of substantial and major assembly of components of another commercially recognized product significantly different from its components. A product is considered to be locally produced if the volume of direct imports, valued at cost, insurance and delivery, is 50% or less of its EXW price.