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: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)

Reference No: SH(d)

Date: January 29, 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 Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo 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 a number of sites, including cultural heritage sites, and their adaptation for cultural institutions' needs, as well as historic environment regeneration activities, landscaping and local improvements in the city center aiming to promote development of cultural and educational tourism.

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 landscaping and external 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 February 14, 2022.

FISP reserves the right not to consider Expressions of Interest received later than February 14, 2022.

Saint Petersburg Foundation for Investment Projects (FISP)

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TERMS OF REREERENCE

for development of scientific and design documents (design stage level) and technical part of bidding documents for the Subproject:
Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo 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 Ivanovo Oblast Government entitled **Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)** (the Subproject). Within the framework of these Terms of Reference, the Subproject includes the following sections:

- restoration, reconstruction and repair of cultural sites with their adaptation for cultural institutions' needs;
- historic environment regeneration;
- landscaping and local improvements;
- other facilities and activities;
- engineering supply (external utilities and equipment).

Location of Sites within the Urban Fragment

Restoration, reconstruction and repair works sites

1. Cultural heritage site (hereinafter CHS) “House where Mikhail Vasilyevich Frunze worked as chairman of the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies in 1917-1918". Address: Shuya, Lenina Square 15.
2. CHS “Treasury”. Address: Shuya, Sovetskaya ul. 20.
3. CHS “City Hospital Building with a fence and railing”. Address: Shuya, Soyuznaya ul. 17.

Historic regeneration sites

4. The Main House, part of CHS "Kornilov Estate Complex: main house, east factory building, and auxiliary building”. Address: Shuya, Sovetskaya ul. 16.
5. Building. Address: Shuya, Sovetskaya ul. 18.
6. The Main House. CHS "Popov's Estate Complex”. Address: Shuya, Sovetskaya ul. 11.
7. CHS “Men's Gymnasium”, 1876. Address: Shuya, Sovetskaya ul. 24.
8. CHS Mansion, 1830. Address: Shuya, Sovetskaya ul. 30.
9. CHS “The House where Mikhail Vasilyevich Frunze formed Red Guard detachments in 1917. It houses the memorial museum of M.V. Frunze”. Address: Shuya, Malakhiya Belova ul. 11-13.
10. CHS “Women’s Gymnasium”. Address: Shuya, Zinaidi Kasatkinoy ul. 10.
11. CHS “Residential House”, part of "Kiselevs' Estate", beginning of the 19th - first quarter of the 19th c. Address: Shuya, Lenina Square 11.
12. CHS “City College”. Address: Shuya, Komsomolskaya ul. 16.
13. CHS “City Council”, beginning of the 19th c. – 1905. Address: Shuya, Lenina Square 2.
14. Building at: Shuya, Frunze Square 8 (City Archive, does not have the status of cultural heritage site).
15. CHS "House where the Shuya district committee of the RSDLP(b) was located at the end of 1917, chaired by Mikhail Vasilyevich Frunze”. Address: Shuya, Teatralnaya ul. 25.
16. CHS “Tolchevsky’s Estate”. Address: Shuya, Teatralnaya ul. 21.
17. CHS "Commercial Building", 1820, part of the "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 1.
18. CHS "Commercial Building", 1830, part of the "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 2.
19. CHS “The Posylinikh Estate, Old House”. Address: Shuya, Lenina Square 3.
20. CHS "The House where the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies was located in 1917, the first chairman of which was Mikhail Frunze. Address: Shuya, Lenina Square, 7.
21. CHS “Naidenov Estate”. Address: Shuya, Kostromskaya ul. 24.
22. CHS "Turlapov Estate Complex: Barn”. Address: Shuya, Kostromskaya ul. 22a.
23. CHS “House with historic interiors", 1880s. Address: Shuya, 1st Moskovskaya ul. 38.
24. CHS "The House in which the Shuya District Council of Workers' Deputies worked in 1918 under the leadership of Mikhail Frunze”. Address: Shuya, Lenina Square 5a.

Landscaping and improvement sites

25. Oktyabrsky Bridge over the Teza River (Vokzalnaya ul.).
26. Pedestrian street Malakhiya Belova ul. (from the intersection with Lenina Square to the intersection with Sverdlova ul.).

27. Lenina Square with installation of small architectural forms (from the intersection with Soyuznaya ul. from the west to the intersection with Malakhiya Belova ul. from the east).
28. Railway Station Square (from the Railway Station building at Vokzalnaya ul. 1 to 2nd Moskovskaya ul.)
29. River bank area along Oktyabrsky Bridge over the Teza River (in the north the area is bounded by the industrial area of the former Shuysky Proletary Factory, eastward bounded by the Teza River, westward bounded by the building at Revolutsii Square 2, and southward bounded by the building at 1st Moskovskaya ul. 16B).
30. Frunze Garden in Frunze Square (from the building at Sovetskaya ul. 24 to the building at Frunze Square 14).
31. Teatralnaya Square (bounded by Teatralnaya ul. and Zavodskoy pereulok).
32. "Green Foyer" by the "Measuring Scales" with Central Square (from the north the area is bounded by Malakhiya Belova ul., from the south by Lenina ul.).
33. Pedestrian area in Lenina ul. and Sverdlova ul. (the area from the intersection of Lenina ul. and Martiriya Solovyova ul. to the intersection of Lenina ul. and Sverdlova ul. and the area from the intersection of Lenina ul. and Sverdlova ul. to the intersection of Sverdlova ul. and Kostromskaya ul.).
34. Intersection of Komsomolskaya ul. and Sovetskaya ul., public area along Komsomolskaya ul. (the area at the intersection of Komsomolskaya ul. and Sovetskaya ul. and the area along Komsomolskaya ul. from the intersection of Komsomolskaya ul. with Sovetskaya ul. to Komsomolskaya Square, including the pond near Lenina Square 2).
35. Sidewalks in Teatralnaya ul.
36. Pedestrian area in front of the buildings at Sovetskaya ul. 11 and 24.
37. Public space at the intersection of 2nd Moskovskaya ul and 1st Zheleznodorozhnaya ul.
38. Small park at the intersection of Tezenskaya Square and Soyuznaya ul.
39. Entrance to the City Park in Pervomayskaya ul.
40. Children's park along Krasnoarmeysky pereulok.

Other facilities

41. The pond on Komsomolskaya Square near the K. Balmont Museum.
42. Construction of the pier by Oktyabrsky Bridge over the Teza River

Engineering facilities sites 43-56 are not marked on the plan.

I. Restoration, Reconstruction and Repair of Cultural Heritage Sites with their Adaptation for Cultural Institutions' Needs

Site 1. Cultural heritage site "House where Mikhail Vasilyevich Frunze worked as chairman of the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies in 1917–1918".
Address: Ivanovo Oblast, Shuya, Lenina Square 15.

1.1 Historic and Cultural Background

The Site is a cultural heritage site of federal importance. The building was constructed in 1901 out of bricks from the burnt-out Popov factory. It was the building where the city residents learned about the October Revolution on October 26, 1917. In 1918, with the assistance of Mikhail Frunze, the Drama Theatre was founded here. Ekaterina Yakovlevna Mazurova, Klavdiya Vasiljevna Volkova, and Vasiliy Vasiljevich Luzhsky graduated from the studio at the theatre.

In 1951, the amateur theatre was closed, and since then it has been home to the Municipal House of Culture, the main cultural center in the town of Shuya. The auditorium of the Municipal House of Culture with good acoustics has 500 seats.

The work style of the Municipal House of Culture can be described as innovative and dynamic. Experimentation and improvisation became the dominant creative activity. As a result, there has been a considerable increase in the audience's interest in the events, which are based on large-scale shows, themed professional celebrations, theatrical meetings, and large-scale immersion performances.

1.2 Photo of the Site

1.3 Information on Current Physical Condition and Functional Use

Functional Use

From 1951 to the present day, the building has been the sole cultural center of this type in the city. All important city events are held here. There are various clubs for children, including a dance studio.

Physical Condition

The poor physical condition of the building requires restoration of the façades and replacement of door and window assemblies. The building needs to be adapted for accessibility for low-mobility groups, i.e. construction of ramps and refurbishment of toilets.

The overall external condition of the building is unsatisfactory.

The condition of architectural and structural elements is satisfactory.

The roof: inspection is needed to determine the condition of the rafters and sheathing; metal roofing is in satisfactory condition; drainpipes and downspouts are missing.

Arched windows have elongated keystones; there area rusticated blades in lintels between windows; there is a portal in central part of the main façade, framed by two columns and completed with attic; small risalites on flanks of the building with triangular gables; cornice decorated with frieze and brick drifts. There is some brick chipping. The overall condition is unsatisfactory.

The entrance staircase is in satisfactory condition. The landing and steps are made of brick, their condition is satisfactory. The canopy over the entrance needs restoration.

The exterior walls are made of brick, with brick chipping.

The plastered and painted brick plinth requires repair and restoration works. The asphalt pavement is in unsatisfactory condition.

Site 2. Cultural heritage site “Treasury”.
Address: Ivanovo Oblast, Shuya, Sovetskaya ul. 20.

2.1 Historic and Cultural Background

The Site is a newly identified cultural heritage site. The building stands along the red line of the street, which is continued by a brick fence adjoining the building. The Late Classicist fence with a mid-19th century gateway is a valuable urban element in the development of the street. The motif of the arcade formed by the arched niches of the wall and the preserved wicket door is echoed in the architecture of the neighboring buildings. The two-storey brick building of the Treasury is an example of administrative architecture in the Classicism style.

The strongly extended rectangular volume of the building, completed with a hip roof, has a mid-19th century extension from the side of the courtyard which emphasizes the transverse axis of the composition. The symmetrical facades are extremely laconic. The main façade and one of the side facades are rhythmically partitioned by borderless pilasters on both floors and rectangular windows without architraves. From the street side the central axis of the building used to be emphasized by the entrance opening with an umbrella (nowadays turned into a window). One of the peculiarities of the building is thickening of the pilasters in the lower part, which creates a feeling of squat buttresses between the windows of the ground floor.

The internal layout of the building is formed by two corridors located on the longitudinal and transverse axes of the building. The transverse corridor, shortened on both floors, is covered by beam arches.

The architectural and stylistic features of the Site make it possible to date it to the first half of the 19th century. According to the local historian M. A. Kovalev, at the end of the 19th century the building housed the treasury. The extension of the courtyard (southern) façade and the internal layout can be traced to that time. The building is an essential element of the stylistically coherent development of this part of the street.

2.2 Photo of the Site

2.3 Information on Current Physical Condition and Functional Use

Functional Use
Currently the building is not in use.

Physical Condition
The site is in unsatisfactory condition. The interior decoration has been lost. No restoration work has been carried out. Renovation and restoration works are required.

Site 3. Cultural heritage site "City Hospital Building with a fence and railing", 1844.
Address: Ivanovo Oblast, Shuya, Soyuznaya ul. 17.

3.1 Historic and Cultural Background

The Site is a cultural heritage site of federal significance. Kiselevskaya Hospital was founded in 1843 by brothers Ivan and Dmitry Kiselev, merchants of the first guild in Shuya. The construction of the hospital, which was later called Kiselevskaya, became the main charity work of Ivan and his brother. Consecrated in November 1844, the hospital has been one of the main places of interest in Shuya for more than 150 years.

The project for the hospital was made by the Moscow Academy of Arts. Its facade and plan are described in the sixth volume of The General History of Architecture as a typical example of a hospital building of the second quarter of the 19th century.

The layout of the hospital complex follows the principles of city estates of the Classical period. The large main building stretches along the red line of the street. In the yard, four small identical single-storey annexes were located, with a kitchen, bathhouse, laundry and anatomy room. Originally the hospital was designed for 20 beds. The main building itself is a large two-storey, U-shaped building. The middle part of it is raised by a half-storey and completed by a flattened dome on a low drum. The main (southern) facade has symmetrical three-part composition.

Special attention should be paid to the hospital church consecrated in the name of Saint Basil, Bishop of Parium. The church is arranged in the middle of the hospital building in the first floor and is separated with a round dome from the roof of the hospital building. The interior walls were finished in white marble; the vault was decorated with flowers with golden arabesques; in the alter, the Holy Spirit was depicted in the form of a dove surrounded by cherubs. The bell tower was erected on the north side of the hospital building; it was wooden, plastered, covered with iron, with a copper gilded cross and seven bells. The bell tower has not survived. The interior decoration has been lost.

The hospital is also famous for its charity work. With the beginning of the Russian-Japanese War, Grand Duchess Elizaveta Fedorovna organised the Special War Relief Committee under which a storehouse of donations for the benefit of soldiers was set up in the Grand Kremlin Palace: bandages

were prepared there, clothes were sewn, parcels were collected and camp churches were formed. This contributed to the establishment of the Red Cross society in Shuya and opening of the hospital for the wounded in the Russian-Japanese war in the Kiselevskaya Hospital in 1904. The well-known patrons of the town such as M. A. Pavlov, M. I. Terentyev, M. V. Rubachev and other major manufacturers and merchants of Shuya took an active part in the work of the society. Among those who helped the Red Cross were relatives of the famous poet Konstantin Balmont.

Kiselevskaya Hospital of Shuya is a monument of culture and architecture, testifying to the most important milestones in the history of the ancient town and the most famous benefactors of that time.

3.2 Photo of the Site

3.3 Information on Current Physical Condition and Functional Use

Functional Use

Currently the building is not in use.

Physical Condition

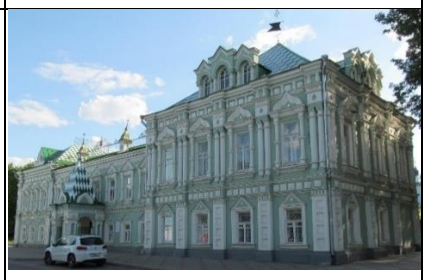
The building is in unsatisfactory condition.

The cultural heritage site has lost engineering utilities (power, heating, water, drainage facilities). The plinths are deformed (crumbling and peeling of plaster and chipped brickwork), there is no paving; there are vertical cracks in the façades, there is also sagging and partial damage to the roofing, partial deformation of the ceilings, there is no window and door assemblies.

II. Activities Aiming at Historic Environment Regeneration

The sites are part of a pedestrian route and it is necessary to improve the aesthetic appearance of the buildings. Repair/restoration of facades, roofing works, waterproofing of foundations, repair/replacement of perimeter paving, repair/replacement of window and door assemblies, landscaping, repair of façade side fences, to be identified during the design process, will improve the aesthetic appearance of streets and form a comfortable urban environment.

Site No	Site	Photo
4	Main House, part of the cultural heritage site "Kornilov Estate Complex: main house, east factory building, and auxiliary building” Address: Shuya, Sovetskaya ul. 16.	
5	Building. Address: Shuya, Sovetskaya ul. 18.	
6	Main House, part of the cultural heritage site "Popov's Estate Complex”. Address: Shuya, Sovetskaya ul. 11.	
7	Cultural heritage site “Men's Gymnasium”, 1876. Address: Shuya, Sovetskaya ul. 24.	
8	Cultural Heritage Site “Mansion”, 1830. Address: Shuya, Sovetskaya ul. 30.	

9	Cultural heritage site “The House where Mikhail Vasilyevich Frunze formed Red Guard detachments in 1917. It houses the memorial museum of M.V. Frunze”. Address: Shuya, Malakhiya Belova ul. 11-13	
10	Cultural heritage site “Women’s Gymnasium”. Address: Shuya, Zinaidi Kasatkinoy ul. 10.	
11	Cultural heritage site “Residential House”, part of "Kiselevs' Estate", beginning of the 19th - first quarter of the 19th c. Address: Shuya, Lenina Square 11.	
12	Cultural heritage site “City College” Address: Shuya, Komsomolskaya ul. 16.	
13	Cultural heritage site “City Council”, beginning of the 19th c. – 1905. Address: Shuya, Lenina Square 2.	
14	City Archive building, not a cultural heritage site. Address: Shuya, Frunze Square 8.	

15	Cultural heritage site "House where the Shuya district committee of the RSDLP(b) was located at the end of 1917, chaired by Mikhail Vasilyevich Frunze”. Address: Shuya, Teatralnaya ul. 25.	
16	Cultural heritage site “Tolchevsky’s Estate” Address: Shuya, Teatralnaya ul. 21.	
17	Cultural heritage site "Commercial Building", 1820, part of the CHS "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 1.	
18	Cultural heritage site "Commercial Building", 1830, part of the CHS "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 2.	
19	Cultural heritage site “The Posylinikh Estate, Old House”. Address: Shuya, Lenina Square 3.	
20	Cultural heritage site "The House where the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies was located in 1917, the first chairman of which was Mikhail Frunze. Address: Shuya, Lenina Square, 7.	
21	Cultural heritage site “Naidenov Estate” Address: Shuya, Kostromskaya ul. 24.	

22	Cultural heritage site "Turlapov Estate Complex: Barn”. Address: Shuya, Kostromskaya ul. 22a.	 
23	Cultural heritage site “House with historic interiors", 1880s. Address: Shuya, 1st Moskovskaya ul. 38.	
24	Cultural heritage site "The House in which the Shuya District Council of Workers' Deputies worked in 1918 under the leadership of Mikhail Frunze” Address: Shuya, Lenina Square 5a.	

III. Landscape Enhancement

Site No	Site	Work description
25	Oktyabrsky Bridge over the Teza River (Vokzalnaya ul.)	Replacement of pavement, pruning of shrubs and trees.
26	Pedestrian street Malakhiya Belova ul. (from the intersection with Lenina Square to the intersection with Sverdlova ul.)	Improvement of the area according to the historical appearance. Provision of recreational facilities on the pedestrian route that meet modern requirements. Replacement of pavement, pruning of trees and shrubs, installation of small architectural forms, repair or replacement of engineering infrastructure.
27	Lenina Square with installation of small architectural forms (from the intersection with Soyuznaya ul. from the west to	Bringing the site adjacent to the pedestrian route in line with the norms taking into account the needs of tourists and local residents. Earthworks with vertical planning, tree and shrub pruning, replacement of pavement, including

	the intersection with Malakhiya Belova ul. from the east)	footpaths; installation of small architectural forms, installation of lighting elements, repair or replacement of engineering infrastructure, installation of public toilets.
28	Railway Station Square (from the Railway Station building at Vokzalnaya ul. 1 to 2nd Moskovskaya ul.)	Earthworks with vertical layout planning, pruning of trees and shrubs, replacement of pavement including footpaths, installation of small architectural forms, installation of lighting elements, repair or replacement of engineering infrastructure. Reorganization of footpaths and pedestrian flows.
29	River bank area along Oktyabrsky Bridge over the Teza River (in the north the area is bounded by the industrial area of the former Shuysky Proletary Factory, eastward bounded by the Teza River, westward bounded by the building at Revolutsii Square 2, and southward bounded by the building at 1st Moskovskaya ul. 16B)	Organization of slopes and access to the Teza River on both sides of the bridge, creation of recreational areas with installation of small architectural forms, and repair or replacement of engineering infrastructure.
30	Frunze Garden in Frunze Square (from the building at Sovetskaya ul. 24 to the building at Frunze Square 14)	Bringing the site adjacent to the pedestrian route in line with the norms taking into account the needs of tourists and local residents. Earthworks with vertical layout planning, tree and shrub pruning, replacement of pavement including footpaths, installation of small architectural forms, installation of lighting elements, repair or replacement of engineering infrastructure. Installation of public toilets.
31	Teatralnaya Square (bounded by Teatralnaya ul. and Zavodskoy pereulok)	
32	"Green Foyer" by the "Measuring Scales" with Central Square (from the north the area is bounded by Malakhiya Belova ul., from the south by Lenina ul.)	
33	Pedestrian area in Lenina ul. фnd Sverdlova ul. (the area from the intersection of Lenina ul. and Martiriya Solovyova ul. to the intersection of Lenina ul. and Sverdlova ul. and the area from the intersection of Lenina ul. and Sverdlova ul. to the intersection of Sverdlova ul. and Kostromskaya ul.)	
34	Intersection of Komsomolskaya ul. and Sovetskaya ul., public area along Komsomolskaya ul. (the area at the intersection of Komsomolskaya ul. and Sovetskaya ul. and the area along Komsomolskaya ul. from the intersection of Komsomolskaya ul. with Sovetskaya ul. to	

	Komsomolskaya Square, including the pond near Lenina Square 2)	
35	Sidewalks in Teatralnaya ul	
36	Pedestrian area in front of the buildings at Sovetskaya ul. 11 and 24	
37	Public space at the intersection of 2nd Moskovskaya ul and 1st Zheleznodorozhnaya ul	
38	Small park at the intersection of Tezenskaya Square and Soyuznaya ul.	
39	Entrance to the City Park in Pervomayskaya ul.	
40	Children's park along Krasnoarmeysky pereulok	The children's park does not meet the criteria of quality, comfort and accessibility of the urban environment. It is necessary to bring the site into aesthetic and normative condition by carrying out the following works: replacement or repair of engineering infrastructure, vertical layout planning, replacement of pedestrian paths' pavement, installation of small architectural forms, including playgrounds and play areas, creation of lighting system, pruning of trees and shrubs; planting of new trees, bushes, flowers, groundcover, and other plants.

IV. Other Facilities and Activities

Site 41. The pond on Komsomolskaya Square near the Konstantin Balmont Museum

The pond will be cleaned of silt, algae, reeds and debris in order to improve its appearance.

Site 42. Construction of the pier by Oktyabrsky Bridge over the Teza River

The pier should be built so that people could approach the water area in a safe and planned space and to organize a site for renting it to an operator who will provide boat and catamaran rental services. In this way, a water tourist route along the Teza River could be created that would cover the industrial history of the town.

V. Provision of Utilities (Outdoor Utilities and Equipment)

Site No	Site	Key characteristics of the site (length, meters)	Work description
Relocation of exterior heating lines underground / capital repair works			
43	Lenina ul.	463	Perform works to install the heating lines underground.
44	Sovetskaya ul.	114	
45	1st Moskovskaya ul. (by No. 38)	49	
46	Vokzalnaya ul.	749.2	
47	Komsomolskaya ul.	155	

48	Chekhova ul.	100	
Replacement of deteriorated engineering equipment / capital repair of utilities networks			
49	Square in front of the Railway Station and Vokzalnaya ul.	- repair of water supply lines –564,4; - repair of heating lines – 100; - repair or replacement of sewer lines – 263.9.	Replacement or repair of utilities networks.
50	Komsomolskaya Square (intersection of Komsomolskaya ul. and Sovetskaya ul.) and Sovetskaya ul. and Martiriya Solovyova ul.	- repair or replacement of water supply lines – 2,633.4; - repair or replacement of sewer lines – 1,288.8.	
51	Kremlin territory (area near buildings at Lenina Sq. 2 and Soyuznaya Sq. 3) and Soyuznaya ul.	- repair of heating lines – 272; - repair and replacement of water supply system – 1,044.4; - repair or replacement of sewer lines – 837.3.	
52	Central Square, Malakhiya Belova ul. and Lenina ul.	- repair of heating lines – 272; - replacement of water supply lines – 701; - repair or replacement of sewer lines – 1,230.	
53	Teatralnaya Square, Teatralnaya ul. and Zinaidi Kasatkinoy ul.	- repair of water supply lines — 1,270; - repair or replacement of sewer lines – 1,051; - repair of heating lines – 200.	
54	Streletskaya ul.	- repair of water supply lines – 420; - repair of heating lines – 280; - repair or replacement of sewer lines –942.8.	
55	Sverdova ul.	- repair and replacement of water supply lines – 920; - repair or replacement of sewer lines – 90.	
56	Vasilyevskaya ul.	- repair or replacement of water supply lines – 620,8; - repair or replacement of sewer lines – 1,054.6.	

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: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast).

The Subproject includes repair and restoration works, adaptation of buildings for cultural institutions' needs, and implementation of landscaping and engineering activities in Shuya City District. The sites presented in the Subproject are interconnected; their regeneration is aimed at expanding cultural services, improving the quality and comfort of the urban environment, and creating new modern recreational areas for residents and visitors of different ages. The implementation of the Subproject as a whole will increase the attractiveness of the city for tourists and local residents alike.

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, Ivanovo Oblast government, local authorities of the Shuya 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

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) (for CHS and upon request).

  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:

- Municipal Autonomous Cultural Institution "Shuya Social and Cultural Complex" (Sites 1 and 23) (operational management),
- Shuya City District (Sites 2 and 3),
- Regional State Educational Institution "Shuya Special-Needs Boarding School" (Sites 4 and 5) (operational management),

- Shuya Intermunicipal Department of the Ministry of Internal Affairs of the Russian Federation (operational management) (Site 6),
- Municipal Secondary School No. 2 named after K. D. Balmont (Site 7) (operational management?),
- Municipal Pre-School Educational Institution "Kindergarten No. 34 of a combined type" (operational management) (Site 8),
- Municipal Cultural Institution "Shuya Historical, Art and Memorial Museum named after Mikhail Frunze" of Shuya City District (operational management) (Site 9),
- Municipal Educational Institution Gymnasium No. 1 of the City District of Shuya (operational management) (Sites 10 and 11),
- Municipal Autonomous Cultural Institution "Istok Cultural and Leisure Centre" (operational management) (Site 12),
- Municipal Cultural Institution "Konstantin Balmont Museum of Literature and Local History" of Shuya City district (Site 13),
- Municipal Institution "Shuya City District Archive" (operational management) (Site 14),
- Municipal Pre-School Educational Institution "Kindergarten No. 1" (operational management) (Site 15),
- Regional Budgetary Institution of Health Care "Bogorodskoye Regional Clinical Psychiatric Hospital" (site 16),
- Federal Budgetary Institution of Culture "Agency for the Management and Use of Historical and Cultural Monuments" (operational management) (operational management) (Sites 17 and 18). Site 17 has been leased out on a long-term basis to Gostiny Dvor Trading Company.
- Municipal Budgetary Institution "Children's Creativity Center" (operational management) (Site 19),
- Municipal Budgetary Institution "Administrative and Economic Support Department" (operational management) (Site 20),
- Investigation Department of the Investigative Committee of the Russian Federation for Ivanovo Oblast (operational management) (Site 21),
- Municipal Budgetary institution "Shuya City District Upgrading Department" (operational management) (Site 22),
- Municipal Autonomous Cultural Institution "Shuya Social and Cultural Center" (operational management) (Site 23),
- Municipal Autonomous Institution of Supplementary Education "Children's School of Arts" (operational management) (Site 24)

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, i. e. 2020 V1).

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 1–24:

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 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 25–56:

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 design/reconstruction/rehabilitation of external utilities 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
Chief Project Engineer (CPE)	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.
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 — 2330 person-days, including:

For the key experts working on Sites 1–25:

- Team Leader/CPA: 495 person-days,
- CPE: 180 person-days,
- RA: 495 person-days,
- DE: 350 person-days.

For the key experts working on Sites 25–56:

- Team Leader/CPA: 315 person-days,
- SLPMS: 495 person-days.

(ii) Total labor inputs by the entire team: 16 300 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: Timeline

Table 1

No	Activity	Months as from commencement of Service provision													
		1	**2**	**3-5**	**6**	**7**	**8-11**	**12-17**	**18**	**19**	**20**	**21**	**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 State Historic and Cultural Review (SHCR) (for CHS and upon request)									◆ **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

HISTORIC PRESERVATION OF THE HISTORIC CITY OF SHUYA FROM THE CITY GATE TO THE CITY AXIS (Shuya, Ivanovo Oblast)

I. DESIGN ASSIGNMENT FOR SITES 1–3

Item	Description	Requirements
1	Design rationale	Contract SH(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)
2	Site and land plot characteristics	Site names shall be updated when the title documents are obtained **Site 1.** Cultural heritage site "House where Mikhail Vasilyevich Frunze worked as chairman of the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies in 1917-1918". Address: Shuya, Lenina Square 15. - The building is municipal property (Title holder is Shuya City District, operational management by the Municipal Autonomous Cultural Institution "Shuya City Social and Cultural Complex", Cadaster number: 37:28:030108:41 Floor area: 1,678.1 sq m - The land plot is municipal property (Title holder is Shuya City District, permanent (unlimited) use by the Municipal Autonomous Cultural Institution "Shuya City Social and Cultural Complex", Cadaster number: 37:28:030108:8 Land plot area ≈2,408 +/- 17 sq m **Site 2.** Cultural heritage site Treasury. Address: Shuya, Sovetskaya ul. 20. - The building is municipal property (Title holder is Shuya City District), Cadaster number: 37:28:030409:49. Floor area: 542,6 sq m - The land plot is municipal property (Title holder is Shuya City District), Cadaster number: 37:28:030409:262 Land plot area: ≈1,849+/-15 sq m **Site 3.** Cultural heritage site "City Hospital Building with a fence and railing", 1844. Address: Shuya, Soyuznaya ul. 17 - The building is municipal property (Title holder is Shuya City District), Cadaster number: 37:28:030107:20, Floor area: 1,815.6 sq m - The land plot is municipal property (Title holder is Shuya City District), Cadaster number: 37:28:030107:13 Land plot area: ≈5,483+/- 25 sq m
3	General Designer	To be selected on a competitive basis.
4	Panning constraints	- Shuya land use and development regulations; - boundaries of conservation and land use zones; town planning regulations.
5	Type of construction works	CHS rehabilitation/restoration with their adaptation for contemporary use. Major repair/reconstruction.

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) (for CHS and upon request). 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.
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 efficient LED lighting fixtures; - Street lights shall have both manual and automatic control. The house 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 fiscal 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). Demand for 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 meet 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 road pavement, to adopt engineering solutions for wastewater treatment (grease traps, cartridge filters, local treatment plants, sewage treatment plants). Sanitary facilities whose wastewater cannot be disposed into the outdoor sewers shall be equipped with pumps. 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 conditionally 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	To design the on-site sanitation system up to the connection point within the land plot boundaries or in its immediate vicinity. The design shall meet TS and be cleared by the TS issuing authority.
23	Heat supply	Connection to the heat supply system shall meet 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: balancing valves; compensation: 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 interference in the system operation (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	To design a two-pipe floor-specific and separate heating system (depending of the functional use of premises). Parameters of the heat carrier shall meet 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. To consider radial pipe distribution from the manifold. 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 Russian standards. 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. To design a ventilation automation/dispatch system. To develop specifications for combined heating/ventilation (HV) systems.
26	Air conditioning	To provide for air conditioning in the premises. The design shall determine 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: - Switch off/on and indicate the operating modes (operation/accident) of the ventilation systems; - Switch off the ventilation systems after a fire alarm signal; - Automatically maintain the present temperature of intake air; - Control/monitor the operation and conditions of the ventilation system fans; - Monitor air filter dirtiness; - Protect the ventilation system fans from current overload and short circuit; - Carry out frequency regulation of fan performance. The ventilation system control board shall provide for transmission of malfunction data to the dispatch center. The air conditioning system shall have wireless control panels. The designer shall develop automation schemes and panels.
29	Installation of telephone and computer lines	To provide access to the urban telephone network and the Internet according to TS. To install a subscriber outlet at every workplace. To use IP telephony for landlines. To use FOL when the length of the trunk line cable exceeds 80 m. To ensure that the Wi-Fi system covers the entire area in all buildings. To develop structural and comprehensive connection schemes. To ensure that the internal channel traffic is not less than 1 Gb. To design a data processing center and a data storage system proceeding, from the User's needs and load.
30	Integrated TV reception system	To design the system according to TS. To develop structural and comprehensive connection schemes.
31	Radio system installation	To install a radio system according to TS. To develop structural and comprehensive connection schemes.
32	Video surveillance and emergency communication	To design a video surveillance system to monitor the building perimeter and premises as follows: - façades with the main and emergency exits; - exits to the building roof. To use FHD digital color CCTV cameras. Camera recordings/images shall be transmitted to the dispatch center and displayed on monitors. Digital data shall be processed and recorded on a PC hard disk sufficient to store a two-week amount of information to be subsequently recorded on another medium. To agree the locations and functional purposes of CCTV cameras with the User.
33	Gas supply	To design the indoor and outdoor gas supply systems as needed.
34	Fire safety system automation	The fire safety automatic controls (FSAC) shall provide for interaction between the fire safety equipment and systems. FSAC shall integrate the following fire safety systems and equipment

		in the building: - the automatic fire alarm system; - the public fire alarm and evacuation management system; - the ventilation system smoke protection and fire containment controls; - the automatic fire suppression unit. To provide for disconnection of the forced ventilation and air conditioning systems when FSS is activated.
35	Public fire alarm and evacuation management system (PFAEMS)	To design a public fire alarm and evacuation management system (PFAEMS). The number of voice and sound alarms in the premises shall be determined by the technical characteristics of the alarms. PFAEMS sound alarms shall provide for a general sound level (constant noise plus all alarm signals) of at least 75 dBA 3 m away from the alarm source but not more than 120 dBA at any point within the premises. The number of voice/sound fire alarms, their arrangement and power shall provide for the required sound level in all places permanently or temporary occupied by people. The alarm signals shall differ from any other signal. It means that in case of fire, there should be a voice announcement or a sound signal unambiguously interpreted by the staff as “Fire”. Voice alarms should not have volume controls. PFAEMS control devices 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	To design the fire warning system pursuant to regulations. To locate fire warning stations in the dispatching unit. To equip the site premises with: • an automatic fire warning system using addressable/analog differential peak smoke/heat annunciators; • addressable/analog manual annunciators. AFWS shall have fire resistant cables and wires with safety certificates.
37	Dispatching and automation	To design a utility dispatch system that transmits data to the operator’s workstation in the dispatch center.
38	Requirements to construction management plan	To be developed according to the effective standards and regulations.
39	Requirements to capital project demolition/ dismantling management plan	To be developed according to the effective standards and regulations (if necessary).
40	Requirements to the design section *List of Environmental Management Activities*	To be developed according to the effective standards and regulations.
41	Requirements to development of cultural heritage protection activities (adjacent built-up areas)	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 other regulatory legal documents that

		are 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 developed according to the effective standards and regulations.
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 developed according to the effective standards and regulations.
46	Requirements to cost estimates, including methods used to calculate the cost of construction and convert it to current prices	To be developed according to the effective standards and regulations as well as expert review requirements, if any.
47	Requirements concerning the need for demonstration materials, their scope and form	To prepare presentations (texts and graphics) for public hearings. If necessary, to make 2–3 plotting boards and an electronic 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.
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 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.
51	Requirements to development of priority emergency response activities	To be developed, if necessary.

II. DESIGN ASSIGNMENT FOR SITES 4-24

<table>
<tr><th>Item</th><th>Description</th><th>Requirements</th></tr>
<tr><td>1</td><td>Design rationale</td><td>Contract SH(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)</td></tr>
<tr><td>2</td><td>Site and land plot characteristics</td><td>Site names shall be updated when the title documents are obtained
<table>
<tr><th>Site No</th><th>Site</th><th>Building</th><th>Land plot</th></tr>
<tr><td>4</td><td>Main House, part of CHS "Kornilov Estate Complex: main house, east factory building, and auxiliary building”
Address: Shuya, Sovetskaya ul. 16.</td><td>Cadaster number: 37:28:030408:67,
Title owner is Ivanovo Oblast, operational management by the Shuya Special-Needs Boarding School
Floor area: ≈1,115.3 sq m</td><td rowspan="2">Cadaster number: 37:28:030408:124,
for purposes of a special needs school, title owner is Ivanovo Oblast, permanent (unlimited) use, user: Shuya Special-Needs Boarding School
Land plot area: ≈12,830+/-40 sq m</td></tr>
<tr><td>5</td><td>Building
Address: Shuya, Sovetskaya ul. 18.</td><td>Cadaster number: 37:28:030408:66, Title owner is Ivanovo Oblast, operational management by the Shuya Special-Needs Boarding School
Floor area: ≈283 sq m</td></tr>
<tr><td>6</td><td>Main House, part of CHS "Popov's Estate Complex”
Address: Shuya, Sovetskaya ul. 11</td><td>Cadaster number: 37:28:030126:10, owner: Russian Federation, operational management by the Shuya Department of the Ministry of Internal Affairs of Russia
Floor area: ≈1332,7 sq m</td><td>Cadaster number: 37:28:030126:3, for a police department, owner: Russian Federation, permanent (unlimited) use, user: the Shuya Department of the Ministry of Internal Affairs of Russia
Land plot area: ≈3207</td></tr>
</table>
</td></tr>
</table>

						sq m
		7	CHS “Men's Gymnasium”, 1876 Address: Shuya, Sovetskaya ul. 24	Cadaster number: 37:28:030409:48, Title owner is Shuya City District Floor area: ≈2365 sq m	Cadaster number: 37:28:030409:3, for School No. 2 Title owner is Shuya City District, Ivanovo Oblast, permanent (unlimited) use, user: Municipal Secondary School No. 2 named after K. D. Balmont Land plot area: ≈8388+/-35 sq m
		8	CHS Mansion, 1830 Address: Shuya, Sovetskaya ul. 30.	Cadaster number: 37:28:030412:99, title owner is Shuya City District, operational management by Kindergarten No. 34 Floor area: ≈ 978,1 sq m	Cadaster number: 37:28:030412:4, for a pre-school institution, owner: Shuya City District, permanent (unlimited) use, user: Kindergarten No. 34 Land plot area: ≈4701+/-24 sq m
		9	CHS “The House where Mikhail Vasilyevich Frunze formed Red Guard detachments in 1917. It houses the memorial museum of M.V. Frunze” Address: Shuya, Malakhiya Belova ul. 11-13	Malakhiya Belova ul. 11: Cadaster number: 37:28:030121:105, Malakhiya Belova ul. 13: Cadaster number: 37:28:030121:104, owner: Shuya City District, operational management by the Shuya Historical, Art and Memorial Museum named after Mikhail Frunze Floor area: ≈1,795.5 + 536,6 sq m	Cadaster number: 37:28:030121:8, for museum purposes, title owner is Shuya City District, permanent (unlimited) use, user: Shuya Historical, Art and Memorial Museum named after Mikhail Frunze Land plot area: ≈1,330+/-14 sq m
		10	CHS “Women’s Gymnasium” Address: Shuya, Zinaidi Kasatkinoy ul. 10	Cadaster number: 37:28:030201:76, title owner is Shuya City District, operational management by Gymnasium No. 1 of the Shuya City District Floor area: ≈3,655.3 sq m	Cadaster number: 37:28:030201:5, for Gymnasium No 1, title owner is Shuya City District, permanent (unlimited) use, user: Municipal Gymnasium No. 1, Shuya City District Land plot area: ≈ 9,844+/-36 sq m
		11	CHS “Residential House”, part of "Kiselevs' Estate",	Cadaster number: 37:28:030108:40, title owner is Shuya City	Cadaster number: 37:28:030108:11, for Gymnasium No 1, title

				beginning of the 19th - first quarter of the 19th c. Address: Shuya, Lenina Square 11.	District, operational management by Gymnasium No. 1 of the Shuya City District Floor area: ≈1,292.5 sq m	owner is Shuya City District, permanent (unlimited) use, user: Municipal Gymnasium No. 1, Shuya City District Land plot area: ≈ 1,586+/-12 sq m
			12	CHS “City College” Address: Shuya, Komsomolskaya ul. 16 .	Cadaster number: 37:28:030128:51, title owner is Shuya City District, operational management by Istok Cultural and Leisure Centre Floor area: ≈537.1 sq m	Cadaster number: 37:28:030128:12, for a creativity center for children, title owner is Shuya City District, permanent (unlimited) use, user: Istok Cultural and Leisure Centre Land plot area: ≈1,539+/-16 sq m
			13	CHS “City Council”, beginning of the 19th c. – 1905 Address: Shuya, Lenina Square 2.	Cadaster number: 37:28:030115:17, Title owner is Shuya City District, operational management by Konstantin Balmont Museum of Literature and Local History Floor area: ≈639.8 sq m	Cadaster number: 37:28:030115:10, for a local history museum, title owner is Shuya City District, permanent (unlimited) use, user: Konstantin Balmont Museum of Literature and Local History Land plot area: ≈1,631 sq m
			14	City Archive building, not a cultural heritage site Address: Shuya, Frunze Square 8.	Cadaster number: 37:28:030409:44, owner: Shuya City District, operational management by the Shuya City District Archive Floor area: ≈622 sq m	Cadaster number: 37:28:030409:9, for city archive, title owner: Shuya City District, permanent (unlimited) use, user: the Shuya City District Archive Land plot area: ≈1,878+/-14 sq m
			15	CHS "House where the Shuya district committee of the RSDLP(b) was located at the end of 1917, chaired by Mikhail Vasilyeavich Frunze” Address: Shuya, Teatralnaya ul. 25	Cadaster number: 37:28:030108:57, Title owner is Shuya City District, operational management by Kindergarten No. 1 Floor area: 712.3 sq m	Cadaster number: 37:28:030111:6, for a pre-school institution, title owner is Shuya City District, permanent (unlimited) use, user: Municipal Kindergarten No. 1 Land plot area: ≈4,243+/-24 sq m

		16	CHS “Tolchevsky’s Estate” Address: Shuya, Teatralnaya ul. 21.	Cadaster number: 37:28:030111:29, Title owner is Ivanovo Oblast, operational management by Bogorodskoye Regional Clinical Psychiatric Hospital Floor area: ≈1,538.1 sq m	Cadaster number: 37:28:030111:11, for a psychiatric hospital, title owner is Ivanovo Oblast, permanent (unlimited) use, user: Bogorodskoye Regional Clinical Psychiatric Hospital Land plot area: ≈2,852 sq m
		17	CHS "Commercial Building", 1820, part of the "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 1.	Cadaster number: 37:28:030119:17, owner: Russian Federation, operational management by Agency for the Management and Use of Historical and Cultural Monuments, transferred to a long-term lease to Gostiny Dvor Trading Company Floor area: ≈1,474.1 sq m	Cadaster number: 37:28:030119:1, for retail premises, owner: Russian Federation Land plot area: ≈2,430+/-17 sq m
		18	CHS "Commercial Building", 1830, part of the "Complex of commercial buildings", 19th c. Address: Shuya, Malakhiya Belova ul. 2.	Cadaster number: 37:28:030120:21, owner: Russian Federation, operational management by Agency for the Management and Use of Historical and Cultural Monuments Floor area: ≈2,411.8 sq m	Cadaster number: 37:28:030120:1, for retail premises, owner: Russian Federation Land plot area: ≈2,598 +/-18 sq m
		19	CHS “The Posylinikh Estate, Old House” Address: Shuya, Lenina Square 3	Cadaster number: 37:28:030108:62, Title owner is Shuya City District, operational management by the Children's Creativity Center Floor area: ≈986.5 sq m	Cadaster number: 37:28:030108:17, for a low-rise residential building and a children’s creativity center Land plot area: ≈3169+/-5 sq m
		20	CHS "The House where the Shuya Soviet of Workers', Soldiers' and Peasants' Deputies was located in 1917, the first chairman of which was Mikhail Frunze.	Cadaster number: 37:28:030108:36, owner: Shuya Municipal District, Ivanovo Oblast, operational management by the Administrative and Economic Support Department Floor area: ≈1,685.8 sq m	Cadaster number: 37:28:030108:13, for the Shuya District Administration, owner: Shuya Municipal District, Ivanovo Oblast; permanent (unlimited) use, user: the Administrative and Economic Support Department

			Address: Shuya, Lenina Square, 7		Land plot area: ≈2,896+/-19 sq m
		21	CHS “Naidenov Estate” Address: Shuya, Kostromskaya ul. 24.	Cadaster number: 37:28:030206:76, administrative Floor area: ≈154,9 sq m Owner: Russian Federation, operational management by the Investigation Department of the Investigative Committee of Russia in Ivanovo Oblast	Cadaster number: 37:28:030206:15, for an administrative building of the Department, owner: Russian Federation, permanent (unlimited) use, user: the Investigation Department of the Investigative Committee of Russia in Ivanovo Oblast Land plot area: ≈1,862 sq m
		22	CHS "Turlapov Estate Complex: Barn”. Address: Shuya, Kostromskaya ul. 22a.	Cadaster number: 37:28:030206:156, Title owner is Shuya City District, operational management by Shuya City District Upgrading Department Floor area: ≈148,8 sq m	Cadaster number: 37:28:030206:153, for an administrative building, title owner is Shuya City District, Ivanovo Oblast Land plot area: ≈152+/-4 sq m
		23	CHS “House with historic interiors", 1880s Address: Shuya, 1st Moskovskaya ul. 38.	Cadaster number: 37:28:030312:57, Title owner is Shuya City District, operational management by the Shuya Social and Cultural Center Floor area: ≈1,685.5 sq m	Cadaster number: 37:28:030312:41, for social and business purposes, title owner is Shuya City District, permanent (unlimited) use, user: the Shuya Social and Cultural Center Land plot area: 4,686 sq m
		24	CHS "The House in which the Shuya District Council of Workers' Deputies worked in 1918 under the leadership of Mikhail Frunze” Address: Shuya, Lenina Square 5a	Cadaster number: 37:28:030108:68, Title owner is Shuya City District, operational management by the Children's School of Arts Floor area: ≈1,184.2 sq m	Cadaster number: 37:28:030108:29, for social and business purposes, title owner is Shuya City District, permanent (unlimited) use, user: the Children's School of Arts Land plot area: 4,722 sq m
3	General Designer	To be selected on a competitive basis.			
4	Planning constraints	- Shuya land use and development regulations; - boundaries of conservation and land use zones; town planning regulations;			

		- Resolution No. 152 of the Shuya City District Duma of 29.06.2016 'On specially protected natural areas of local significance'.
5	Type of works	Repair works, restoration works (if necessary) of façades, roofs; waterproofing of foundations, repair/replacement of window/door assemblies, landscaping, restoration/repair of fences on the façade side.
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) (for CHS and upon request). 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 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.
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 interior and color solutions.
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 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; water disposal, including stormwater runoff management. Take into account the location of existing networks.
12	Requirements to construction management plan	To be developed according to the effective standards and regulations.
13	Requirements to capital project demolition/ dismantling management plan	To be developed according to the effective standards and regulations (if necessary).
14	Requirements to the design section *List of Environmental Management Activities*	To be developed according to the effective standards and regulations.

15	Requirements to development of cultural heritage protection activities (adjacent built-up areas)	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 other regulatory legal documents that are in force in the Russian Federation.
16	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.
17	Requirements to the section *List of Fire Safety Activities*	To be developed according to the effective standards and regulations.
18	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)
19	Requirements to the section *Civil Defense Activities and Preparedness for Natural/Industrial Disasters*	To be developed according to the effective standards and regulations.
20	Requirements to cost estimates, including methods used to calculate the cost of construction and convert it to current prices	To be developed according to the effective standards and regulations as well as expert review requirements, if any.
21	Requirements concerning the need for demonstration materials, their scope and form	To prepare presentations (texts and graphics) for public hearings. If necessary, to make 2–3 plotting boards and an electronic presentation.
22	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.

23	Requirements to getting clearances	The Consultant shall be responsible for getting data and clearances required for subproject implementation. It shall: provide assistance and make presentations at public hearings; 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.
24	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.

III. DESIGN ASSIGNMENT FOR SITES 25–42

Item	Description	Requirements
1	Design rationale	Contract SH(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)
2	Site and land plot characteristics	The boundaries of landscaping and improvement works shall be defined during the design stage. **Site 25.** Oktyabrsky Pedestrian Bridge over the Teza River (Vokzalnaya ul.) Land plot area: 0.16 hectares The Site is in municipal property. Functional use: transit area, connection across the Teza River. **Site 26.** Pedestrian street Malakhiya Belova ul. (from the intersection with Lenina Square to the intersection with Sverdlova ul.) Land plot area: 0.71 hectares The Site is in municipal property, falls within the category of the protection zone of cultural heritage sites of federal and local importance. Functional use: pedestrian area, creation of recreational areas. **Site 27.** Lenina Square with installation of small architectural forms (from the intersection with Soyuznaya ul. from the west to the intersection with Malakhiya Belova ul. from the east) Land plot area: 2.1 hectares The Site is in municipal property, falls within the category of the protection zone of cultural heritage sites of federal and local importance. Functional use: creation of recreational areas, observation grounds, and photo areas.

		Site 28. Railway Station Square (from the Railway Station building at Vokzalnaya ul. 1 to 2nd Moskovskaya ul.) Land plot area: 1.5 hectares The Site is in municipal property. Functional use: transit area. **Site 29.** River bank area along Oktyabrsky Bridge over the Teza River (in the north the area is bounded by the industrial area of the former Shuysky Proletary Factory, eastward bounded by the Teza River, westward bounded by the building at Revolutsii Square 2, and southward bounded by the building at 1st Moskovskaya ul. 16B) Land plot area: 2.16 hectares The Site is in municipal property. Functional use: river bank area. **Site 30.** Frunze Garden in Frunze Square (from the building at Sovetskaya ul. 24 to the building at Frunze Square 14). Land plot area: 1.17 hectares The Site is in municipal property, the protection area of the monument of federal importance "Monument to M.V. Frunze", the protection area of the historical and cultural monument of local (municipal) importance "Monument to soldiers fallen in the Great Patriotic War 1941-1945". Functional use: creation of recreational areas, observation grounds, and photo areas. **Site 31.** Teatralnaya Square (bounded by Teatralnaya ul. and Zavodskoy pereulok). Land plot area: 0.3 hectares The Site is in municipal property, the protection area of the monument of federal importance “Church Complex”, end of the 17th – mid-19th cc. Functional use: transit area. **Site 32.** "Green Foyer" by the "Measuring Scales" with Central Square (from the north the area is bounded by Malakhiya Belova ul., from the south by Lenina ul.) Land plot area: 1.0251 hectares The Site is in municipal property, falls within the protection zone of the architectural monument of federal importance "Complex of commercial buildings, 19th c., architect Maricelli: commercial building, 1820; commercial building, 1830; Measuring Scales, 1820". Functional use: recreational areas for residents and visitors on the walking route. **Site 33.** Pedestrian area in Lenina ul. and Sverdlova ul. (the area from the intersection of Lenina ul. and Martiriya Solovyova ul. to the intersection of Lenina ul. and Sverdlova ul. and the area from the intersection of Lenina ul. and Sverdlova ul. to the intersection of Sverdlova ul. and Kostromskaya ul.) Land plot area: 0.898 hectares The Site is in municipal property. Functional use: pedestrian area, recreational areas for residents and

		visitors along the pedestrian route, transit area. **Site 34.** Intersection of Komsomolskaya ul. and Sovetskaya ul., public area along Komsomolskaya ul. (the area at the intersection of Komsomolskaya ul. and Sovetskaya ul. and the area along Komsomolskaya ul. from the intersection of Komsomolskaya ul. with Sovetskaya ul. to Komsomolskaya Square, including the pond near Lenina Square 2) Land plot area: 2.633 hectares The Site is in municipal property. Functional use: transit area. **Site 35.** Sidewalks in Teatralnaya ul. Land plot area: 0.54 hectares The Site is in municipal property. Functional use: transit area. **Site 36.** Pedestrian area in front of the buildings at Sovetskaya ul. 11 and 24 Land plot area: 0,2 га The Site is in municipal property. Functional use: transit area. **Site 37.** Public space at the intersection of 2nd Moskovskaya ul and 1st Zheleznodorozhnaya ul. Land plot area: 0.4 hectares The Site is in municipal property. Functional use: transit area. **Site 38.** Small park at the intersection of Tezenskaya Square and Soyuznaya ul. Land plot area: 0.7 hectares The Site is in municipal property. Functional use: transit area. **Site 39.** Entrance to the City Park in Pervomayskaya ul. Land plot area: 0.8 hectares The Site is in municipal property, falls within the protection zone of the monument of architectural and monumental art of municipal importance. “Rural Idyll" fountain, "Three Graces" sculpture, "Waking Lion" sculpture, and "Sleeping Lion" sculpture. Functional use: transit area Specially protected natural area of local importance. **Site 40.** Children’s park along Krasnoarmeysky pereulok Land plot area: 2.7 hectares The Site is in municipal property. Functional use: transit area. Specially protected natural area of local importance. **Site 41.** Pond on Komsomolskaya Square near the K. Balmont Museum Area: 3,442 sq m

		The Site is in municipal property. Functional use: recreational area, decorative pond. **Site 42.** Construction of the pier by Oktyabrsky Bridge over the Teza River Area to be specified during the design. Pier: 1 m wide, 11 m long for 10 boat berths, with 2.2 m per berth. All parameters to be specified in the design. The Site is in municipal property. Functional use: currently not in use.
3	General Designer	To be selected on a competitive basis.
4	Planning constraints	- Shuya land use and development regulations; - boundaries of conservation and land use zones; town planning regulations; - Resolution No. 152 of the Shuya City District Duma of 29.06.2016 'On specially protected natural areas of local significance'.
5	Financial source	NDB Loan and federal budget.
6	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) (for CHS and upon request). 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.
7	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. 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.
8	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.
9	Requirements to construction management plan	To be executed in accordance with current norms and rules.

10	Requirements to organization of demolition and dismantling works	To be executed in accordance with current norms and rules (if necessary).
11	Requirements to the design section *List of Environmental Management Activities*	To be executed in accordance with current norms and rules.
12	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.
13	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.
14	Requirements to the section List of Fire Safety Activities	To be executed in accordance with current norms and rules.
15	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).
16	Requirements to the section Civil Defense Activities and Preparedness for Natural/Industrial Disasters	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.
20	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.

21	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 countries in the same form as they are proposed for execution of works/delivery of goods. Goods may be manufactured in the NDB 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.

IV. DESIGN ASSIGNMENT FOR SITES 43–56

Item	Description	Requirements
1	Design rationale	Contract SH(d) for development of scientific design documents, design documents (design stage level) and technical part of bidding documents under the Subproject: Historic Preservation of the Historic City of Shuya from the City Gate to the City Axis (Shuya, Ivanovo Oblast)
2	Site and land plot characteristics	The scope of work shall be defined during the design stages. **Relocation of exterior heating lines underground / capital repair works** Owner/balance holder: Shuya MUE "Association of Boiler and Heat Networks" **Site 43.** Lenina ul. **Site 44.** Sovetskaya ul. **Site 45.** 1st Moskovskaya ul. by No. 38 **Site 46.** Vokzalnaya ul. **Site 47.** Komsomolskaya ul. **Site 48.** Chekhova ul. **Replacement of deteriorated engineering equipment / capital repair of utilities networks** Owner/ balance holder: - heating networks: Shuya MUE "Association of Boiler and Heat Networks", - water supply and sewer networks: Vodokanal JSC **Site 49.** Square in front of the Railway Station and Vokzalnaya ul. **Site 50.** Komsomolskaya Square (intersection of Komsomolskaya ul. and Sovetskaya ul.) and Sovetskaya ul. and Martiriya Solovyova ul. **Site 51.** Kremlin territory (area near buildings at Lenina Sq. 2 and Soyuznaya Sq. 3) and Ssoyuznaya ul. **Site 52.** Central Square, Malakhiya Belova ul. and Lenina ul. **Site 53.** Teatralnaya Square, Teatralnaya ul. and Zinaidi Kasatkinoy ul. **Site 54.** Streletskaya ul. **Site 55.** Sverdova ul. **Site 56.** Vasilyevskaya ul.
3	General Designer	To be selected on a competitive basis.

<table>
<tr><td>4</td><td>Planning constraints</td><td>- Shuya land use and development regulations;
- boundaries of conservation and land use zones; town planning regulations.</td></tr>
<tr><td>5</td><td>Type of construction works</td><td>Reconstruction/major repair of engineering networks and engineering equipment.</td></tr>
<tr><td>6</td><td>Financial source</td><td>NDB Loan and federal budget.</td></tr>
<tr><td>7</td><td>Design phases</td><td>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) (for CHS and upon request).
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.</td></tr>
<tr><td>8</td><td>Type of works</td><td>
<table>
<tr><th>No</th><th>Site</th><th>Major Characteristics (length, meters)</th></tr>
<tr><td colspan="3">Relocation of exterior heating lines underground / capital repair works</td></tr>
<tr><td>43</td><td>Lenina ul.</td><td>463</td></tr>
<tr><td>44</td><td>Sovetskaya ul.</td><td>114</td></tr>
<tr><td>45</td><td>1st Moskovskaya ul. (by No. 38)</td><td>49</td></tr>
<tr><td>46</td><td>Vokzalnaya ul.</td><td>749.2</td></tr>
<tr><td>47</td><td>Komsomolskaya ul.</td><td>155</td></tr>
<tr><td>48</td><td>Chekhova ul.</td><td>100</td></tr>
<tr><td colspan="3">Replacement of deteriorated engineering equipment / capital repair works</td></tr>
<tr><td>49</td><td>Square in front of the Railway Station and Vokzalnaya ul.</td><td>- repair of water supply lines –564.4;
- repair of heating lines – 100;
- repair or replacement of sewer lines – 263.9.</td></tr>
<tr><td>50</td><td>Komsomolskaya Square (intersection of Komsomolskaya ul. and Sovetskaya ul.) and Sovetskaya ul. and Martiriya Solovyova ul.</td><td>- repair or replacement of water supply lines – 2,633.4;
- repair or replacement of sewer lines – 1,288.8.</td></tr>
<tr><td>51</td><td>Kremlin territory (area near buildings at Lenina Sq. 2 and Soyuznaya Sq. 3) and Soyuznaya ul.</td><td>- repair of heating lines – 272;
- repair and replacement of water supply system – 1,044.4;
- repair or replacement of sewer lines – 837.3.</td></tr>
<tr><td>52</td><td>Central Square,</td><td>- repair of heating lines –</td></tr>
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<tr><td></td><td></td><td>
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<tr><td></td><td>Malakhiya Belova ul. and Lenina ul.</td><td>272;
- replacement of water supply lines – 701;
- repair or replacement of sewer lines – 1,230.</td></tr>
<tr><td>53</td><td>Teatralnaya Square, Teatralnaya ul. and Zinaidi Kasatkinoy ul.</td><td>- repair of water supply lines — 1,270;
- repair or replacement of sewer lines – 1,051;
- repair of heating lines – 200.</td></tr>
<tr><td>54</td><td>Streletskaya ul.</td><td>- repair of water supply lines – 420;
- repair of heating lines – 280;
- repair or replacement of sewer lines –942.8.</td></tr>
<tr><td>55</td><td>Sverdova ul.</td><td>- repair and replacement of water supply lines – 920;
- repair or replacement of sewer lines – 90.</td></tr>
<tr><td>56</td><td>Vasilyevskaya ul.</td><td>- repair or replacement of water supply lines – 620,8;
- repair or replacement of sewer lines – 1,054.6.</td></tr>
</table>
All characteristics shall be specified during the design process.
</td></tr>
<tr><td>9</td><td>Requirements to construction management plan</td><td>To be executed in accordance with current norms and rules.</td></tr>
<tr><td>10</td><td>Requirements to the design section List of Environmental Management Activities</td><td>To be executed in accordance with current norms and rules.</td></tr>
<tr><td>11</td><td>Requirements to development of cultural heritage protection activities (adjacent built-up areas)</td><td>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.</td></tr>
<tr><td>12</td><td>Requirements to the section Civil Defense Activities and Preparedness for Natural/Industrial Disasters</td><td>To be executed in accordance with current norms and rules.</td></tr>
<tr><td>13</td><td>Requirements to the section List of Fire Safety Activities</td><td>To be executed in accordance with current norms and rules.</td></tr>
</table>

14	Requirements to cost estimates	To be developed in accordance with the effective standards and regulations as well as expert review requirements, if any.
15	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.
16	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.
17	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.
18	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 countries in the same form as they are proposed for execution of works/delivery of goods. Goods may be manufactured in the NDB 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.