

## TERMS OF REFERENCE

### **for supporting the development and early implementation of the Expansion and Modernization of Public-School Infrastructure Project with the participation of the Asian Infrastructure Investment Bank**

#### **1. INTRODUCTION**

Improving school infrastructure is one of the national priorities for the Government of Uzbekistan. Rapid demographic growth (about 32% of the population is under 16 years old) has led to more than 64% of schools operating in multiple shifts due to a shortage of educational facilities. This project, 'Expansion and Modernization of Public-School Infrastructure' is designed to relieve school overcrowding and ensure more equitable access to quality education across the country. This investment project is designed to relieve school overcrowding and ensure more equitable access to quality education across the country.

The project aims to increase classroom capacity and enhance educational facilities in Uzbekistan. The project will be implemented in two phases. Phase I (commencing in 2026) will focus on expanding existing schools by constructing new classroom buildings and installing modern educational equipment, while Phase II (commencing in 2028) will primarily involve building new schools. The preliminary budget for Phase I is approximately USD 200 million, expected to be financed by a sovereign loan from AIIB.

The assignment outlined in these Terms of Reference (TOR) is primarily intended to support the development of the Project Appraisal Document (PAD), Detail Design and supporting technical documents for Phase I. The PAD and supporting project documents will be developed following the rules, procedures, and frameworks outlined in the Decree of the President of the Republic of Uzbekistan No. PP-51 dated February 11, 2025 on "additional measures to improve the mechanisms for preparing and implementing projects with the participation of international financial institutions and foreign government financial organizations," including, but not limited to, detailed project designs, procurement documents, and financial management processes, as well as collaboration mechanisms between all stakeholders. Detail Design will be developed based on the approved PAD, in accordance with all relevant regulations and taking into consideration international standards and best practice.

In addition, the assignment also includes the analytical groundwork (preliminary study) for PAD Phase II, covering the collection of baseline data, preliminary site screening, and the identification of potential school sites based on initial assessments of technical, economic, environmental, and social criteria. The scope will also cover an assessment of the potential application of a Public-Private Partnership (PPP) modality to mobilize private sector capital and/or operational expertise for the construction and operation of Phase II schools.

Taking into account the above, the Ministry of Preschool and School Education of the Republic of Uzbekistan ("MoPSE" also referred to as the "Client") hereby announces a competitive selection to appoint a qualified consultant (Consultant) for the provision of professional services to support the development, expert review, and approval of Phase I PAD, the development of technical and tender documents to support the procurement process, as well as the analytical groundwork (preliminary study) for Phase II of the "Expansion and Modernization of Public-School Infrastructure" project (hereinafter "the Project"), in accordance with the requirements of the legislation of the Republic of Uzbekistan.

The services under this assignment will be financed through a grant provided by the Asian Infrastructure Investment Bank (Grant No. S0881A) under the Project Preparation Special Fund (PPSF), and the selection process shall be carried out in accordance with AIIB's Procurement Policy and Procurement Instructions for Recipients.

## 2. OBJECTIVE OF THE PROJECT

The primary objective of the Project is to create a modern, safe, and inclusive learning environment for students in Uzbekistan. The Project aims to expand public school infrastructure by constructing new school buildings, renovating existing facilities, and providing advanced teaching equipment. By increasing school capacity, the Project seeks to address overcrowding in schools, enhance the quality of education, and support the country's long-term educational development goals. Additionally, the Project will focus on integrating modern technologies and inclusive education practices to ensure accessibility for all students, including those with special needs. It will also incorporate green and energy-saving technologies to promote sustainability.

## 3. SCOPE OF THE PROJECT

The Project will be implemented in two main phases, each with specific components and sub-components as outlined below. The project components are designed to address infrastructure development, capacity building, and institutional strengthening to ensure a sustainable impact on the educational sector.

### Phase I (2026–2030) – Expansion and Modernization of Existing Schools

**Component 1: Creating around 94,000 additional school seats through the construction of New Buildings for selected Existing Schools with High Enrollment Ratios.** This component focuses on expanding the physical capacity of overcrowded public schools through the construction of additional school buildings and the development of complementary educational facilities. It also includes the renovation and modernization of existing infrastructure, including classrooms, laboratories, sports facilities, and libraries, to ensure they meet modern standards. The design will incorporate universal accessibility features, including ramps, handrails, and curb cuts at building entrances, parking areas, playgrounds, and pedestrian walkways, in accordance with international good practices and relevant international standards *Expected Outcome: Approximately 94,000 additional student seats will be created, reducing overcrowding and enabling more equitable access to quality education in targeted schools.*

**Component 2: Supply of Modern Teaching Equipment and Furniture for Classrooms.** To complement infrastructure investments, this component ensures the procurement and installation of advanced educational equipment. This includes interactive smart boards, laboratory tools, ICT equipment and software, classroom and library furniture, as well as gymnasium and physical education equipment. *Expected outcomes: Improved quality of education delivery through access to modern, technology-enabled learning environments, fostering student engagement and instructional effectiveness.*

**Component 3: Provide Professional Development Programs to Enhance Teaching and Administrative Skills.** This component focuses on developing and implementing tailored training programs for teachers and administrative staff to enhance teaching methodologies, digital competencies, and school management skills. The training will include the use of modern educational tools, digital literacy, and project and asset management for education authorities. Special emphasis will be placed on government-prioritized areas such as STEM education, inclusive education, and the effective integration of technology in the learning process. *Expected Outcome: Strengthened institutional and human resource capacity across the education system, enabling improved teaching quality, data-informed decision-making, and efficient management of expanded school infrastructure.*

**Component 4: Develop Systems to Monitor and Evaluate the Progress and Impact of the Project.** This component establishes systems to ensure the effective implementation, monitoring, and assessment of the Project in accordance with the latest national regulations governing externally funded projects in Uzbekistan. The systems shall support the operation of the Implementing Agency (IA) as the central coordination body and the development of a Project Management Information System (PMIS) to facilitate real-time monitoring, evaluation, and reporting. This component is aligned with the provisions of Presidential Decree No. PP-51

(February 11, 2025), which regulates the structure and functions of project implementation bodies in externally financed projects. It supports the establishment of a centralized Implementing Agency (IA) model and ensures compliance with national institutional and legal frameworks governing project delivery in Uzbekistan. *Expected Outcome: Transparent, accountable, and efficient project implementation enabled by integrated systems for planning, monitoring, and continuous performance improvement.*

## Phase II (2028–2032) – New Schools Development and Quality Enhancement

- **Component 1: Construction of New Schools in selected Crowded and/or Less Developed Areas.** Involves the construction of selected new schools in regions with significant educational access gaps. Activities include conducting regional needs assessments, and district level prioritization, site identification and assessments, feasibility studies, site preparation, design and construction of new school buildings, providing structuring options for mobilizing private capital and/private sector operation and management, and ensuring compliance with national and international safety, health and accessibility standards. *Expected outcome: Creation of more than 100,000 new student places, focusing on inclusive education environments that cater to diverse student needs.*
- **Component 2: Supply of Modern Teaching Equipment, Furniture for Classrooms.** This component targets the modernization of educational tools and infrastructure. It includes the supply and integration of digital learning technologies, installation of smart classrooms and hi-tec multi-disciplinary modern school labs with interactive tools, and the development of ICT system and software for enhanced learning experiences. Pilot programs will test innovative teaching methods and technologies, promoting best practices across schools. *Expected outcome: Improve learning outcomes through modernized teaching environments and methodologies.*
- **Component 3: Provide Professional Development Programs to Enhance Teaching and Administrative Skills.** Aims to develop robust policies and guidelines for the sustainable management of educational infrastructure. Activities include drafting infrastructure maintenance plans, implementing long-term sustainability strategies, and enhancing the institutional capacity of education authorities to manage school assets efficiently. This component shall include consideration of strengthening institutional capability to manage private provider delivery and maintenance of school infrastructure assets. This component also focuses on creating frameworks for continuous improvement in educational service delivery and ensuring compliance with international standards in educational infrastructure management. *Expected Outcome: Strengthened policy and institutional frameworks enabling sustainable school infrastructure operations, including oversight of private sector engagement.*
- **Component 4: Develop Systems to Monitor and Evaluate the Progress and Impact of the Project.** This component supports the development and use of monitoring and evaluation systems, including the Project Management Information System (PMIS). It enables real-time tracking of implementation progress and institutional performance. The component also ensures alignment with Uzbekistan’s evolving legislative framework on externally funded project governance. *Expected Outcome: Transparent and efficient project execution supported by data-driven decision-making, performance monitoring, and compliance with national oversight requirements.*

## 4. SCOPE OF CONSULTANCY SERVICES

The scope of services is designed to ensure a comprehensive development of Phase I including Project Appraisal Document (PAD), Detailed Design (DD) and supporting project documents such as Environmental and Social Management Planning Framework (ESMPF) including general Environmental and Social Management Plan (ESMP), Resettlement Planning Framework (RPF), Gender Action Plan (GAP) and Stakeholder Engagement Plan (SEP) and those listed in this TOR for Phase I, and analytical groundwork (preliminary study) for Phase II.

The Consultant will be hired through quality-and-cost based selection with a full technical proposal in accordance with the AIIB Directive on Procurement Instructions for Recipients (2024). The contract is expected to be awarded in 4th quarter of 2025 and will have a term of 24 months from the date of contract signature.

Services provided by the Consultant include, but are not limited to the following:

- **Developing a Project Appraisal Document** As part of the overall assignment, the Consultant shall be responsible for the preparation of the PAD for Phase I of the Project. The PAD shall provide a comprehensive, evidence-based appraisal of the technical, economic, financial, environmental, and social feasibility of Phase I of the Project. It will be developed in compliance with Uzbekistan's national regulations, including the Presidential Resolution No. PP-51 dated February 11, 2025, and in alignment with AIIB's operational requirements and international best practices. The PAD will serve as a key deliverable under this assignment and the foundational document for decision-making by both the Government of Uzbekistan and AIIB; it shall include, at a minimum:
  - Procurement and implementation strategies;
  - Environmental and social risk assessments and mitigation frameworks;
  - Gender and social inclusion measures;
  - Economic and financial analysis; and
  - High-level sector context and rationale.

The PAD must be suitable for submission to and approval by the Ministry of Investment, Industry and Trade, the Ministry of Economy and Finance, MOPSE and all relevant government authorities. The PAD will also serve as the basis for the loan approval of AIIB, therefore AIIB's comments shall be taken into consideration. The PAD must serve as the basis for developing the detailed design. The Consultant shall be responsible for the provision of the support of the state expertise of the PAD. Based on the comments received from the interested ministries the Consultant shall revise the PAD accordingly.

- **Scope and project delivery structure.** The Consultant shall develop a comprehensive project scope for each selected school site or cluster of sites under Phase I. This includes identifying the infrastructure needs, proposed interventions, and site-specific considerations. For each proposed site, the Consultant shall ensure that the PAD includes relevant technical inputs such as structural design, architectural planning, civil and electrical engineering, environmental, social and safety compliance, accessibility, and adherence to national building codes and international safety standards. Additionally, the Consultant shall support MOPSE in assessing the additional resource requirements for the operation of expanded facilities, including staffing, maintenance, utilities, and operating costs. Consideration should also be given to the possibility of outsourcing operation and maintenance (O&M) responsibilities to private operators, where feasible.
- **Providing detailed information on all Project components,** including the unit cost of each expense item, and preparing the financial and economic models (in an Excel format where appropriate). All assumptions made in relation to the costing information should be clearly stated, including the provision of benchmark pricing data of other projects within Uzbekistan, within the region and internationally.
- **Collecting and analyzing baseline data and needs.** Gather and analyze all necessary initial data: demographic forecasts, historical and current school capacity and enrollment figures, inventory and technical condition and remaining life of existing infrastructure assets, equipment and facilities, etc.
- **Applying prioritization criteria for school selection.** The initial school prioritization criteria will be provided by MOPSE, based on national education planning objectives, demographic analysis, infrastructure constraints, and other relevant policy considerations. As part of this process, the Consultant may review the criteria's operational feasibility and, where appropriate, provide technical input or propose minor adjustments to enhance transparency, data consistency, or alignment with project objectives. Any suggested modifications on the prioritization criteria must be discussed and agreed upon with MOPSE and AIIB before implementation. The Consultant is expected to apply the agreed criteria systematically to guide the identification of priority schools for Phase I and the development of a back-up list of additional school sites. The final selection will reflect a balance of technical need, regional equity, implementation readiness, and policy alignment. The prioritization process is expected to yield a short list of approximately 95 priority

schools, where expansion and equipment upgrades could create an additional 94,000 school places. If any shortlisted school site is later deemed unfeasible for implementation or unable to meet the required capacity targets, the Consultant will recommend suitable replacements from the back-up list for MOPSE's review and prepare the corresponding technical and project documents.

- **Defining the scope of works for each selected school.**  
For each prioritized school, the Consultant shall develop a proposed scope of works that includes:
  - functional needs and service improvements to be addressed;
  - detailed architectural and engineering designs and solutions (structural, civil, electrical, environmental and social);
  - indicative site layout;
  - reference to applicable design standards, technical specifications, and safety codes;
  - assessment of additional resources (e.g., teaching staff, maintenance, O&M).
 This information will support phased implementation planning and alignment with the PAD structure and cost estimates.
- **Conducting site surveys and preparing technical solutions.** Perform identification and assessment of the suitability, availability and readiness of land plots for the construction of additional academic buildings on the premises of the selected schools catering for an additional 94,000 school places. Carry out required land, geotechnical, engineering, accessibility, and social surveys and assessments at each site and evaluate the availability of utility connections and related infrastructure. Based on the collected data, develop layout schemes and propose optimal technical solutions for expansion/reconstruction at each school (or for typical categories of schools), in accordance with national building norms, SanPin requirements and standards in the education sector. The final proposals shall consider physical capacity, workforce availability, and cost-efficiency to ensure the aggregate target is realistically achievable across the selected schools.
- **Use of National Geoportal established under the Strategic Reforms Agency.** Access to the platform, which contains geo-spatial and satellite data, and project-related datasets will be facilitated by MOPSE. The Consultant is expected to use these datasets to verify school land availability, analyze spatial development constraints, and enhance site planning activities. Additional data collection efforts (e.g. field visits or drone surveys) should be employed only where geoportal data is unavailable or insufficient. Coordination with the MoPSE and the Strategic Reforms Agency should be maintained to ensure continued access and compliance with platform usage protocols.
- **Integration of Energy-Efficient and Green Technologies.** The Consultant shall ensure that the PAD incorporates energy-efficient and environmentally sustainable solutions in the design and planning of school infrastructure. This includes, but is not limited to, the use of energy-saving materials and construction methods, the integration of renewable energy sources (e.g., rooftop solar panels), efficient heating, cooling and lighting systems, and climate-resilient architectural designs (e.g., rainwater harvesting, grey water usage). The proposed technical solutions should align with national standards and international best practices in sustainable infrastructure development.
- **Regulatory review of land ownership and suitability for Project implementation.** The consultant shall work closely with the MoPSE and other relevant public sector stakeholders (e.g. Cadastral Agency) in reviewing the land cadastral documents in accordance with AIIB Environmental and Social Policy (ESP) to verify the ownership of the land and check the classification of the land to confirm its usage for education services. The analysis should cover all legislative and regulatory aspects affecting Project implementation (urban planning requirements, environmental regulations, PAD approval procedures, etc.).
- **Preparing financing plan and cost estimates.** Develop a comprehensive techno-economic justification of the Project, including: technical feasibility of the proposed solutions; detailed calculation of the required capital investments (cost estimates) for construction activities, connection to utilities, demolition, equipment, and so on, based on reliable benchmarks and inputs; planning of the construction schedule and commissioning of facilities. Estimate the expected operating costs and budget impact (e.g. expenses for maintaining new facilities, salaries for additional teachers, utilities costs, etc.). Assess financial sustainability of the school taking into account the current and forecast costs and budget requirement for the existing school and the proposed expansion.
- **Conduct an economic analysis.** Such analysis shall evaluate the socio-economic benefits of the Project (for example, benefits from increased access to education, improved learning conditions,

etc.) to the country, using proven and sound assumptions from relevant research papers and key economic indicators, such as economic internal rate of return and benefit-to-cost ratio.

- **Planning implementation and staffing.** Develop a detailed plan for Project implementation, clearly distinguishing the procurement, construction, and operation phases. The procurement phase should include the scheduling of bidding processes, packaging strategy, and alignment with AIIB procurement procedures. The construction phase should propose optimal phasing of works for the 2025–2030 period, with a corresponding monitoring and reporting system. The operation phase should cover staffing and management and maintenance of infrastructure, including assessment of teaching and support staff needs, recruitment or reassignment actions, and measures for capacity building and training. Define the organizational structure for Project execution, outlining the roles of Implementing Agency (IA), contractors, and consultants.
- **Development of the ESMPF and Integration of Environmental and Social instruments and integration into PAD.** The Consultant shall be responsible for ensuring that environmental, social, and gender aspects are fully integrated into the preparation of the PAD. To this end, the Consultant will be tasked with preparing the **ESMPF including RPF, GAP and SEP** in line with AIIB's Environmental and Social Framework and national legislation. **Delivery of the ESMPF**, either directly if qualified, or through the engagement of a suitably experienced **subcontracted firm** (the suitably experienced subcontracted firm will be recommended by tenderers at tendering stage). Regardless of the delivery modality, the Consultant will maintain responsibility for coordinating inputs, ensuring technical quality, and integrating the outcomes of the ESMPF—including stakeholder consultation results, mitigation measures, and gender-responsive strategies—into the PAD. The PAD must include a summary of key environmental and social risks, potential impacts, and mitigation plans.

The ESMPF will include but not limited to:

- Scope of ESMPF
- Review of the country's regulatory framework and the AIIB's Environmental and Social Framework
- Screening of Project Activities
- Environmental and Socioeconomic Baseline Analysis
- Assessment of Potential Environmental and Social Impacts and Recommend Appropriate Mitigation Measures
- Environmental and Social Management Measures including institutional arrangement for implementation, mechanism and responsibilities for E&S Screening, Requirements on subproject ESIA, ESMP, RAP, GAP, SEP, and monitoring, evaluation and reporting system.
- Plan for Consultation and Disclosure of ESMPF and subproject ES Instruments
- Development of Project Level Grievance Redress Mechanism
- Preparation of GAP Framework
- Preparation of RPF
- Preparation of SEP
- The ESMPF will cover the rules and procedures for environmental and social screening of investments/subprojects; guidance for conducting subprojects Environmental and Social Impact Assessments (ESIA) and/or preparing Environmental and Social Management Plans (ESMP) and/or Environmental and Social Codes of Practice as well as the related ESMP Checklists. The Consultant shall be responsible for preparing the detailed ToRs for the preparation of Project specific E&S instruments (ESIA, ESMP, RAP, SEP, GAP) and assist the Client in the tendering procedures. Preparation of the actual subproject-level E&S instruments (ESIA, ESMP, RAP, SEP, GAP) will be carried out by a separate consultant during the Detailed Design phase.
- **Assisting in procurement and documentation.** As part of the PAD preparation, the consultant may provide technical support in developing the Project procurement strategy, including initial inputs to the procurement plan, preparing of sample tender documentation for the construction phase, providing technical inputs to the tender documents, advising on contract management issues and support in procurement process, if required. *(Note: These tasks shall be coordinated with the procurement specialists of the Implementing Agency (IA). The consultant will not be responsible for managing procurement processes or contract execution.)*
- **Delivering the PAD report and ensuring readiness for approval and implementation.** Upon completion of the above tasks, the consultant must present a complete PAD document package that

meets the requirements for formal review and approval by the Government and AIIB, in accordance with national procedures and the Grant Agreement. The ultimate goal is to ensure the Project is ready for implementation and subsequent financing by AIIB and the Government. In the course of the assignment, the consultant will engage with MoPSE experts and AIIB's technical experts to incorporate relevant feedback and ensure complementarity of efforts.

- **Supporting the MOPSE during review and approval.** Provide expertise and technical support during the review of the PAD by the relevant authorized bodies of the Republic of Uzbekistan (e.g. ministries and state expert organizations), including prompt integration of comments received and clarifications as needed.
- **Collaborating with stakeholders.** Work in close cooperation with all stakeholders, including AIIB, MoPSE, relevant local authorities and school administration, to ensure the PAD is aligned with the Project's goals and stakeholder expectations.

**Providing strategic guidance and systems support.** Offer strategic guidance throughout the PAD preparation process and support the development of a Project Management Information System (PMIS) for effective project management, monitoring, and reporting.

- **Following approval of the PAD, the Consultant shall proceed with developing Detailed Design,** which includes preparation of full construction-ready architectural, structural, civil, electrical, and mechanical engineering designs for each of the approved school sites. Finalization of the Detailed Design shall be based on the PAD formally approved by the Government of Uzbekistan. The design will incorporate universal accessibility features, including ramps, handrails, and curb cuts at building entrances, parking areas, playgrounds, and pedestrian walkways, in accordance with international good practices and relevant international standards. The Consultant shall also prepare:
  - Technical drawings and specifications for modern teaching equipment, furniture, ICT systems, and software for classrooms, laboratories, libraries, and sports facilities,
  - Bills of quantities and cost estimates,
  - Site layout and utility connection plans,
  - Safety, social and environmental compliance measures, and
  - Finalized tender documentation in accordance with AIIB policies.
  - The Detailed Design must be suitable for submission to and approval by the Ministry of Investment, Industry and Trade, the Ministry of Economy and Finance, MOPSE and all relevant government authorities. AIIB's comments shall be taken into consideration when finalizing the Detailed Design. The Detailed Design must serve as the basis for launching the procurement of works.
- The consultant shall conduct all site surveys (topographic, geotechnical, and above/underground) to provide a proper basis for completing the detailed design. The scope of work should cover all adjacent areas that may be affected by the project. The requirements for topographic surveys for infrastructure design shall be as follows:
  - establishing new control (reference) points and landmarks;
  - topographic survey of boundaries, roads, properties, trees and greenery, topography, etc;
  - detection of underground utility networks (lines);
  - drawings of the topographic survey.
- Engineering and geological surveys provide a comprehensive study of engineering and geological conditions of the territory (site, plot, route) of the planned construction, including relief, geomorphological, seismic, hydrogeological conditions, geological structure, composition, state and properties of soils, geological processes and phenomena, changing conditions of developed (built-up) areas, in order to obtain the necessary and sufficient materials to justify the design of facilities. It is necessary to follow KMK 1.02.07-97 "Engineering surveys for construction" when carrying out the surveys.

At the end of the survey, the consultant will prepare reports on the work carried out. The results of the topographic survey will also be provided in electronic form in accordance with the regulatory documents.

- The consultant shall carry out the Engineering Design and prepare detailed designs for each element of the project, as required. These detailed designs should include Complete Technical Specifications and works packaging (based on a market study carried out by the Consultant on the current situation in the construction section in Uzbekistan, with analysis of national and regional contractors' capacity). All relevant design calculations, route maps, aerial and satellite imagery, schedules, diagrams, and drawings shall be provided to the Client in paper and/or electronic form as required.
- For all work, prepare the necessary "Construction/Installation Drawings" in accordance with the highest standards of internationally accepted practice. These drawings shall cover all features of the work and shall be adequately detailed for the bidding and award of the contract execution (*procurement objectives*). All drawings (*including sketches*) are to convey graphically to bidders and construction managers the exact scope of work done or requirements to be met. All information that can best be shown with reference to the drawings and accompanying benchmarks and dimensions shall be presented in drawings. If necessary, the necessary plans, sketches, and cross sections should be shown on the drawings. The design drawings will be an integral part of the final contract documents. In case of uncertainty or ambiguity in the Technical Specifications, the instructions on the drawings will prevail.

Ensure that the contents of the design report include the following:

- general design data for drawings;
- drawings (*plans, profiles and elements*);
- bill of quantities; and
- specification of equipment and buildings;
- Ensure that drawings are executed in accordance with local standards as well as the Client's requirements that do not conflict with local norms;
- All relevant design calculations, aerial and satellite images, survey materials, graphs, diagrams and drawings/design documentation, complete duly approved design and estimate documentation with expert review, EIA, and so on, must be provided to the Client on paper and/or electronic form.

The consultant shall prepare a Detailed Bill of Quantities (BoQ) for the project elements executed under the FIDIC Red Book. In agreement with the PMU, the BoQ shall be split into separate contract packages. The BoQ shall contain sufficient information on the quantities of materials to be procured and works to enable (i) bidders to submit accurate quotations and (ii) the Client and Contractors to make periodic assessments of the quantities of works to be carried out. The BoQ shall include a list of environmental mitigation measures related to temporary impacts during the works;

- The consultant shall prepare a cost estimates for items presented in BoQ divided into supplies of materials and construction work and import supply component. The estimates shall be based on current prices for the goods and works required and are expected to be within 15% accuracy (engineering estimates for construction start-up costs), including contingencies as required by the AIIB. All items in the Bill of Quantities shall be costed to obtain a total figure to which necessary physical and price contingencies may be added to obtain a total estimate. Estimated costs related to the implementation of the environmental and social management plan (mitigation measures) shall be included. The resulting total cost estimate shall be discussed with the Client and the PIU before final approval;

- The consultant shall calculate the need for power supply for all project facilities, including back-up options. Energy saving concepts required to effectively reduce energy costs.

- The consultant shall carry out all relevant design and analysis procedures necessary to optimize sizing and equipment selection.

- -The Consultant shall obtain the necessary initial approval documents and approvals from the interested organisations, as well as all positive opinions (expert opinions) from the State Expertise,



and all necessary approvals for the developed detailed design from other state and municipal bodies as well. The Consultant shall ensure coordination between the various organizations and agencies. All costs of obtaining expert opinions (related to changes and amendments to the original permit documents and the DED) as required by national procedures shall be borne by the Consultant at its own expense.

The design documentation prepared by the Consultant shall comply with national design standards. The Consultant is required to prepare all project documentation in such a way that the approval procedures can be carried out in Uzbekistan.

- **Analytical groundwork (preliminary study) for Phase II.** The Consultant will establish the analytical and strategic foundations for the future development of Phase II PAD. This includes necessary data collection, initial screening and selecting potential school sites based on preliminary assessments in technical, economic, environmental and social impacts, and concept design. The scope will also cover an assessment of the potential application of a Public-Private Partnership (PPP) modality to mobilize private sector capital and/or operational expertise for the construction and operation of a selection of Phase II schools.

## **5. QUALIFICATION REQUIREMENTS, AND REQUIREMENTS FOR EXPERIENCE AND PERSONNEL OF THE PROJECT APPRAISAL DOCUMENT DEVELOPER**

### **5.1. Qualification Requirements**

The Consultant must demonstrate a proven track record in developing feasibility studies for large-scale infrastructure projects, particularly in the educational sector. The firm must have prior experience working with international financial institutions (IFIs), including AIIB, WB, ADB, IFC or similar organizations. The Consultant should be well-versed in the regulatory framework of the Republic of Uzbekistan that governs the development and expert examination of pre-project and project documentation (including the requirements for PAD structure and the procedures for state expertise), as well as the standards and procedures of international organizations, especially AIIB's policies on environmental and social safeguards, procurement, and financial management. The inclusion of international experts to bring in advanced global experience, alongside local (national) specialists who are familiar with on-the-ground conditions (language, culture, local regulations), is highly recommended – for example, through a consortium or partnership between an international firm and a local organization – to ensure effective execution of the assignment.

In addition, the Consultant must meet the following criteria:

- must not be in a state of reorganization, liquidation or bankruptcy;
- have a proven track record of good performance and the Client reserves the right to verify past performance and to determine a firm's suitability;
- should not be included in the "Unified Register of Unfair Performers" of contracts;
- must have the necessary technical, financial, material and human resources to implement the Project;
- must have an impeccable business reputation and no conflicts of interest; the firm should be ready to act transparently and in the best interest of the Client, in accordance with AIIB's procurement ethics and national requirements.

### **5.2. Experience Requirements**

- **General Experience:** Minimum of 10 years of experience in preparing Feasibility Studies and detail designs for public infrastructure projects.
- **International/IFI Experience:** Experience in working with international financial institutions such as AIIB, World Bank, Asian Development Bank etc. and proven adherence to their

Operational Policies, including Environmental and Social, Procurement and Financial Management policies and frameworks.

- **Project Track Record:** The Consultant, either individually or as part of a Joint Venture, should provide evidence of at least four (4) completed or ongoing similar assignments, among which at least two (2) completed and accepted, each with a contract value of not less than US\$ 750,000. Among these, at least one (1) completed assignment must specifically relate to education-related projects and school infrastructure that demonstrate the firm's capacity to deliver technically sound, multi-disciplinary work in accordance with international standards.
- **Technical and Engineering Expertise:** The Consultant, either individually or as part of a Joint Venture, should demonstrate experience in architectural design including design of educational facilities, and structural, civil, electrical and environmental engineering.
- **Environmental and Social Expertise:** The Consultant or its proposed sub-consultant, either individually or as part of a consortium or Joint Venture, should demonstrate experience in preparing environmental and social impact assessments, planning and management reports, resettlement action plans and stakeholder engagement plans.

### 5.3. Personnel Requirements

The consulting firm should propose a multidisciplinary team of experts with excellent skills and experience in the development of Feasibility Studies. The required number of key person-months is expected to be provided by this team. The firm should also be prepared to deploy additional personnel as needed to ensure the successful completion of the assignment with high quality and on schedule. The team of international specialists should be complemented by local (national) specialists with experience in similar projects to ensure local context and knowledge. A preliminary breakdown of experts is presented below:

#### Key and Non-Key Personnel

No.	Job title	Number of experts	Input (person-month)
<b>KEY EXPERTS</b>			
1.	Project Manager/ Chief Engineer	1	16
2.	Architect	1	14
3.	Civil Engineer	1	14
4.	Power Supply Specialist	1	10
5.	Water Supply and Sanitation Specialist	1	10
6.	Financing Specialist	1	10
7.	Infrastructure Planning Specialist	1	10
8.	Environmental Specialist	1	8
9.	Social Specialist	1	8
10.	Gender Specialist	1	8
11.	Estimator	1	12
12.	Procurement Specialist	1	4
13.	Education Specialist	1	6
<b>SUBTOTAL:</b>		13	130
<b>NON-KEY EXPERTS</b>			
14.	Roads Specialist	1	4
15.	Infrastructure and safeguard specialist	1	10
16.	PPP/Commercial specialist	1	4
17.	Legal/Regulatory Expert	1	4
18.	Education/Social sector economist	1	4
<b>SUBTOTAL:</b>		5	26

## **Qualification Requirements for Personnel**

### **Project Manager/Chief Engineer:**

- Master's degree or higher in civil engineering, construction management or a related field.
- Minimum 10 years of professional experience in the management of infrastructure projects.
- Previous experience managing at least two donor-funded projects, including familiarity with related fiduciary requirements and processes.
- Experience with MDB-funded (AIIB, WB, ADB, etc.) or similar IFIs projects is an advantage.
- Previous experience in community mobilization and communications.
- Strong technical, analytical, and report-writing skills.
- Experience interacting with government agencies, high-ranking officials, and international organizations.
- Fluency in English and Russian; practical knowledge of Uzbek is an advantage.
- Previous experience working in the regions of Uzbekistan (at least one project) is desirable.

### **Architect:**

- Master's degree or higher in architecture, or a related field.
- Minimum 10 years of professional experience in infrastructure design, planning, and construction management, preferably in the educational sector.
- Experience with international construction standards and practices, including MDB-funded (AIIB, WB, ADB, etc.) or similar IFIs.
- Proficiency in design software (e.g., AutoCAD, Revit) and experience in preparing detailed project documentation (blueprints, technical drawings).
- Experience in coordinating multidisciplinary teams and integrating environmental and social considerations into design solutions.
- Strong analytical, problem-solving, and report-writing skills.
- Fluency in English and Russian; knowledge of Uzbek is an advantage.
- Desirable: experience in projects in Uzbekistan or similar regional context.

### **Civil Engineer:**

- Master's degree or higher in civil engineering, or a related field, preferably with a focus on structural engineering or foundation engineering.
- Minimum 10 years of professional experience in infrastructure design, construction management, preferably in the educational sector.
- Experience with international construction standards and practices, including MDB-funded (AIIB, WB, ADB, etc.) or similar IFIs.
- Proficiency in design software (e.g., AutoCAD, Revit) and experience in preparing detailed project documentation (blueprints, technical drawings).
- Strong analytical, problem-solving, and report-writing skills.
- Fluency in English and Russian; knowledge of Uzbek is an advantage.
- Desirable: experience in projects in Uzbekistan or similar regional context.

### **Power Supply Specialist:**

- Master's degree or higher in electrical engineering or a related field.
- Minimum 8 years of relevant experience in senior technical roles involving power supply systems in infrastructure projects.
- Good knowledge of current regulations and standards governing the design, construction, operation, and maintenance of electrical power systems in Uzbekistan or Central Asia.
- Previous experience in developing or implementing innovative solutions for power supply needs (e.g. improved energy efficiency, reliable power provision for facilities).
- Demonstrated understanding of institutional and technical measures needed to ensure sustainability of electrical infrastructure (maintenance systems, safety protocols, etc.).
- Strong oral and written skills in English and/or Russian; knowledge of Uzbek is an advantage.

### **Water Supply and Sanitation Specialist:**

- Master's degree or higher in water supply and sanitation engineering or a related field (hydraulic engineering, mechanical engineering, etc.).
- Minimum 8 years of relevant experience in senior technical positions in water supply and sanitation projects.
- Good knowledge of current regulations, rules and standards governing the design, construction, operation, and maintenance of water supply and sanitation systems in Uzbekistan or Central Asia.
- Previous experience in supporting the development and implementation of innovative solutions for water supply and sanitation needs, including autonomous community-managed systems.
- Demonstrated knowledge of the institutional arrangements needed to ensure sustainability (e.g. tariff collection systems, regular operation and maintenance procedures).
- Strong oral and written English and/or Russian language skills; Uzbek is an advantage.
- Previous experience working in Uzbekistan is desirable.

### **Financing Specialist:**

- Higher education (Bachelor's degree or above) in economics, finance, accounting or a similar field.
- At least 10 years of relevant experience in the provision of consulting services, including 5 years in social sector projects involving the development of pre-project and project documentation financed by IFIs.
- Experience of developing capex and opex budgets, preferably in the education sector.
- Strong analytical and report writing skills.
- Excellent oral and written skills in Uzbek and/or Russian; knowledge of English is an advantage.

### **Infrastructure Planning Specialist:**

- Higher education (Bachelor's degree or above) in urban planning, regional development, public policy, or a related field.
- At least 10 years of experience in infrastructure or urban/social development projects, including a minimum of 5 years in spatial or master planning for public service delivery infrastructure (e.g., schools, health centers).
- Experience in land use analysis, school network planning, population/demographic trend analysis, and identifying site-specific development constraints and opportunities.
- Prior experience working with government clients on planning strategies aligned with national development priorities is highly desirable.
- Excellent analytical and stakeholder coordination skills.
- Proficiency in Uzbek and/or Russian is required; knowledge of English is an advantage.

### **Environmental Specialist:**

- Higher education (Bachelor's degree or above) in environmental sciences, environmental management, environmental engineering or a related discipline.
- Professionally qualified to conduct environmental studies, biodiversity analysis/studies, or equivalent.
- A minimum of 10 years of professional experience developing and/or in addressing environmental and social impact assessments and implementation of environment mitigation plans and/or monitoring implementation of environmental and social mitigation measures and health and safety plans during implementation of project including projects funded by international donors.
- Knowledge of national environmental regulatory requirements, as well as the environmental policies of IFIs; experience in applying IFI environmental guidelines and recommendations in projects.
- At least 5 years of experience in developing large projects with the involvement of IFIs, and participation as an environmental specialist in at least 2 similar projects over the last 5 years.
- Excellent oral and written skills in English and Uzbek and/or Russian;

- Ability to work effectively in multidisciplinary team.
- Experience in ES capacity building and stakeholder engagement.

### **Social Specialist**

- Higher education (bachelor's degree or above) in social sciences, sociology, anthropology, land management, or a similar discipline.
- Professionally qualified social development studies or equivalent.
- At least 10 years of professional experience the conduction of social assessments, ESA methodologies and approaches, including formulation and implementation of land acquisition/ resettlement and livelihood rehabilitation activities, stakeholder consultation, grievance redress mechanism and community participation
- Knowledge of national environmental regulatory requirements, as well as the social policies of IFIs; experience in applying IFI environmental and social guidelines and recommendations in projects.
- At least 5 years of experience in developing large projects with the involvement of IFIs, and participation as a social specialist in at least 2 similar projects over the last 5 years.
- Excellent oral and written skills in English and Uzbek and/or Russian.

### **Gender Specialist**

- Higher education (bachelor's degree or above) in social sciences, gender, social development, human rights or a similar discipline.
- Professionally qualified gender, social inclusion, vulnerability studies or equivalent.
- At least 10 years of professional experience the conduction of social assessments, including Gender Impact Assessments and formulation of Gender Action Plans
- Knowledge of national environmental regulatory requirements, as well as the social policies of IFIs; experience in applying IFI environmental and social guidelines/frameworks and recommendations in projects.
- Excellent oral and written skills in English and Uzbek and/or Russian.

### **Estimator:**

- Higher education (Bachelor's degree or above) in economics, finance, accounting, engineering cost estimate or a similar field.
- At least 10 years of relevant experience in the provision of engineering cost estimate, preferred with experience of projects financed by IFIs.
- Experience of developing bill of quantities, having completed at least 2 similar projects in education, social or a similar field.
- Familiar with domestic laws and regulations that governing the engineering cost
- Strong analytical and report writing skills.
- Excellent oral and written skills in Uzbek and/or Russian; knowledge of English is an advantage.

### **Procurement Specialist**

- Higher education (Bachelor's degree or above) in economics, finance, accounting, engineering or a related field.
- At least 5 years of professional experiences in MDB procurement procedures including drafting procurement strategies and procurement plans, developing procurement documents, providing assistance to clients during tendering, reviewing evaluation and selection reports and advising clients during contract negotiations and during contract execution.
- Familiar with domestic laws and regulations that governing the procurement activities especially when using MDB funds.
- Strong analytical and report writing skills.
- Excellent oral and written skills in English, Uzbek and/or Russian.
- Advanced degree (Master's or higher) in education, education planning, or a related field;

- Minimum 10 years of professional experience in education sector development, including experience with infrastructure-linked reforms or projects;
- Demonstrated experience in working with international development projects (e.g. AIIB, World Bank, ADB) in the education sector;
- Strong understanding of inclusive education, school environment standards, and integration of pedagogical requirements into infrastructure design;
- Proven ability to align education planning with national strategies and ensure relevance of PAD content to sector priorities;
- Excellent analytical, communication, and report writing skills;
- Fluency in English and Russian required; knowledge of Uzbek is an asset.

**Non-key personnel:** The PPP/Commercial specialist must have a higher or equivalent education in a relevant field, with at least 8 years' experience in working on PPP projects involving IFIs and experience of working on PPP projects in the social sector. All other Non-key experts must have higher or equivalent education in a relevant field and at least 3 years of experience in similar projects involving IFIs.

## **6. TERMS OF SERVICE PROVISION**

The consultancy services are expected to commence immediately upon contract signing. The overall duration of the services is estimated at 24 months. Specific milestones and deadlines will be outlined in the consultant's work plan.

## **7. PLACE OF WORKS**

The primary location for the consultancy services will be Tashkent, Uzbekistan. However, the consultant will be required to visit all selected school sites within Uzbekistan. Coordination of the Project Appraisal Document preparation and related documents will be carried out with the Ministry of Economy and Finance and other involved ministries and departments located in Tashkent. Based on mutual agreement between the parties, and subject to consent of the AIIB, the duration of services may be extended.

## **8. REPORTS**

### **8.1 Reporting Requirements**

In general: each report should be short and comprehensive, details to be presented in the annexes. Where applicable, standard AIIB forms and templates are used. The consultant shall submit regular progress reports, interim deliverables, and a final PAD report according to a schedule defined in the work plan, ensuring consistent communication with stakeholders.

For the preparation of the Project Appraisal Document, the Consultant will provide the Client with hard copies of all reports in English (2 copies) and Russian (3 copies). An electronic version of each document (editable format, on USB drive) must also be provided with the hard copies.

All reports must be prepared using commonly used software tools. Reports should generally be in A4 page format, while volumes containing large tables, plans, drawings, or photographs may be prepared in A3 format. The Project name and the title of the volume should be printed on the cover page and spine of each volume of the final documentation. In addition, the consultant shall provide preliminary materials or draft sections of the PAD upon the request of the Client or AIIB for early review and feedback. In particular, the consultant is expected to collaborate with AIIB's Expert Team, which will carry out preliminary quality control of the outputs. The consultant must duly consider and incorporate reasonable recommendations from this team in the ongoing work. All reporting documents must be clearly structured and of high quality. Textual parts should be provided in Microsoft Word (DOC/DOCX) and PDF formats, data tables in Excel, and presentations in PowerPoint. All original data collected by the consultant (databases, drawings, photographs, survey forms, etc.) shall also be submitted to the Client in an accessible format. The consultant is responsible for the accuracy of the data and justifications presented. Project reporting will observe principles of transparency and will be subject to monitoring by the Implementing Agency (IA) and AIIB

## 8.2. Submission of Reports.

The Consultant shall prepare the following reports (deliverables) under this assignment:

- **Inception Report** – an initial report outlining the detailed work plan, methodology, team composition and responsibilities, required data/resources, and any issues/risks identified at the start, along with proposed solutions.
- **Project Appraisal Document Report for Phase I** – the complete Project Appraisal Document prepared in accordance with the current legislation of the Republic of Uzbekistan, including detail designs and bill of quantity
- **Preliminary Study Report for Phase II** – including the data collection, preliminary site identification, screening of potential subprojects, preliminary assessments and concept design to help launching the detailed preparation for Phase II
- **Environmental and Social Management Planning Framework (ESMPF) and other ES instruments** – Environmental and Social Management Planning Framework (ESMPF) including general Environmental and Social Management Plan (ESMP), Resettlement Planning Framework (RPF), Gender Action Plan (GAP) and Stakeholder Engagement Plan (SEP) in compliance with AIIB Environmental and Social Framework that will guide the stakeholder consultation and preparation of subproject ESIA/ESMP and Resettlement Plan to be carried out for schools in details.
- **ToRs for Subproject Environmental and Social Instruments** - The Consultant will prepare a TORs for the preparation of the instruments which are defined in the ESMPF during the detailed engineering design phase. A qualified team of ES consultants will be engaged to prepare and deliver these instruments during the Detailed Design phase.
- **Detailed Design for Phase I** – full construction-ready architectural, structural, civil, electrical, and mechanical engineering designs for each selected school site. This shall include detailed drawings, technical specifications, bills of quantities, cost estimates, utility layouts, safety and environmental compliance measures, and finalized tender documentation aligned with AIIB and applicable national procurement procedures.

The Consultant shall engage regularly with the Implementing Agency (IA), representatives of the MoPSE and the AIIB in the delivery of its scope of works and shall incorporate their feedback in its activities, findings and reports. In addition to the above reports, the Consultant will produce the following deliverables to facilitate decision-making and dissemination of results:

- **Executive Summary of the PAD for Government Leadership.** A standalone brief (10 pages) that summarizes the key findings and figures of the PAD – including the project objectives, intended results (e.g. number of new student places, number of beneficiary schools), total investment cost, expected benefits, and main recommendations. This document should be presented in a format accessible to senior officials of the Government and AIIB, and prepared in both Russian and English languages.
- **Presentation Materials.** The Consultant will prepare a presentation (e.g. in PowerPoint or similar) covering the key aspects of the PAD, for use in meetings and discussions with MoPSE leadership, members of interagency working groups, and AIIB representatives. The consultant is expected to conduct one or several workshops/meetings to present the PAD results and obtain feedback.

## 8.3. Approval of Reports

The Client shall review and provide comments on all reports (documents) of the Consultant in no more than 3 weeks after their submission. If the Client fails to provide comments on a draft report within the specified period, the report shall be considered accepted by default. Nevertheless, the report/document shall be revised (or clarifications provided) in accordance with any comments the Client eventually provides, regardless of the date of their submission.

The Project Appraisal Document is subject to approval by the Government. The Government's approval process includes the coordination of the technical and financial-economic parameters of the Project with

the following authorized bodies: the Ministry of Economy and Finance, and the Ministry of Investments, Industry and Trade. The initiator of the Project – the Ministry of Preschool and School Education – will conduct official correspondence to facilitate the approval of the PAD. The Consultant must promptly provide explanations and clarifications on comments received from the above-mentioned ministries and agencies and make the required changes to the documents. The Consultant shall address any feedback from AIIB during this process. Only after approval by the Government and concurrence by AIIB will the PAD report be considered fully accepted and the PAD preparation stage completed.

#### 8.4. Payment and Reporting Terms

Payments under the consulting contract will be tied to the submission and approval of key deliverables. The tentative payment schedule is as follows:

No.	Payment/Report Name	% of Contract Amount	Payment Terms	Term (after start date)
1	Inception Report	10%	payable after the Client's approval	1 month
3	First draft of Project Appraisal Document (incl. Drawings and BOQ)	10%	payable after the Client's approval <sup>1</sup>	4 months
43	First draft of Environmental and Social Management Planning Framework (ESMPF) and ToRs for Subproject Environmental and Social Instruments	10%	payable after the Client's approval	4 months
4	Final draft of PAD (incl. Drawings and BoQ) for submission to the Government	10%	payable after the Client's approval <sup>2</sup>	6 months
5	Approval of Project Appraisal Document by Government Decision	15%	payable upon approval of the PAD by a Government decision, after positive conclusions of the authorized bodies	-8 months
6	Final ESMPF (including public consultation and in English together with summary in Uzbek and Russian)	5%	Payable upon approval of the Phase-I loan by AIIB	-8 months
7	Detailed Design for Phase I	20%	Payable upon approval of all the Government authorities, including the Republican Center for the Expertise of Urban Planning Documentation	12-16 months
8	Technical inputs to the Procurement Tender Document	3%	Finalization of the Tender Document	12-16 months
9	Preliminary Study for Phase II	15%		12 months
10	Technical support to the procurement activities and mobilization of the constructor as requested by the Government	2%	Until successful mobilization of the contractor	-

<sup>1</sup> On pro rata basis, if the development of schools is sequenced

<sup>2</sup> On pro rata basis, if the development of schools is sequenced



**Annex No. 1**  
**Excerpt from the Resolution of the President of the Republic of Uzbekistan**  
**from February 11, 2025 No. PP-51**

**APPENDIX 4 TO THE REGULATION ON THE PROCEDURE FOR PREPARATION AND  
IMPLEMENTATION, MONITORING AND POST-MONITORING OF PROJECTS WITH THE  
PARTICIPATION OF INTERNATIONAL FINANCIAL INSTITUTIONS AND FOREIGN  
GOVERNMENT FINANCIAL ORGANIZATIONS**

**Structure of the Project Appraisal Document**

**I. Project passport**

This section presents the main features of the proposed project: name, location, main technical and economic indicators, capacity, scale indicators, components, project financing source, terms and mechanism, advantages and disadvantages, main risks of the project and other information.

**II. Strategic potential of the project**

The potential of the country

Industrial and institutional capacity

Compatibility of the project with strategies (programs, concepts).

The contribution and impact of the project to a specific sector, region and industry, the need to implement the project.

In this section, the analysis of the country where the project will be implemented, industry, institutional capacity and characteristics, compliance of the project with national development strategies, network programs and concepts, assessment of the contribution and impact of the project on the network, region and industry, the basis of project preparation, project participants, etc. are shown.

**III. Project Objectives and tasks of the Project strategy Project stakeholders**

Analysis of similar projects implemented.

This section analyzes the project's main goals and objectives, advantages and disadvantages, main obstacles, project implementation strategy and stakeholders, lessons learned from previous investment projects in the sector, and project results.

**IV. Project Description**

Components of the project

Project cost and funding sources.

This section shows the location, size and components of the project, cost components, amount and price formation, financing organizations and distribution by cost category.

**V. Implementation of the project**

Institutional measures and measures for the implementation of the project

Results monitoring and evaluation mechanism

Project sustainability

Project facility readiness and availability of facility permits.

This section examines the issues of organizing project implementation and ensuring that each stakeholder is provided with human, technical, and financial resources appropriate to their role in project implementation, as well as mechanisms for project monitoring and evaluation.

**VI. Project evaluation**

Technical feasibility assessment

Purchases

Impact of climate change and natural disasters on the project

Assessment of the financial management capacity of the implementing agency, repayment of debt funds

Economic and financial analysis

Social aspects (including social protection)

Environmental impact of the project and environmental protection.

This section includes the technical Project Appraisal Document related to the proposed project, i.e. assessment of the current state of the network, needs study and description of the project capabilities and study of the provision of the project with the necessary resources; description of technical solutions,

analysis of the selection of technologies and equipment, justification of the marginal cost indicator of technologies and equipment within the project; description of the master plans, main architectural and construction solutions, characteristics of the construction site, provision of the project with the necessary engineering infrastructure, analysis of the compliance of project solutions with urban planning norms, the maximum cost of construction and installation works specified in the project and services based on the proposals under consideration is formed by comparing them with previously implemented similar projects or unit prices, and is also reflected in accordance with the physical volumes (BOQ)/adopted design decisions, drawings and diagrams.

Also, the plan and mechanism of procurement, and the schedule of project implementation are reflected in the section.

The section includes the economic and financial analysis of the project (project efficiency indicators, including investment and operational costs and economic benefit assessment, optimal deployment of project and production forces, etc.). In addition, this section assesses the project's social and environmental aspects, its impact on stakeholders, and its compliance with national policies and EIA/ESR policies.

### **VII. Main risks of the project**

General assessment of project risks and measures to reduce them.<sup>a</sup>This section provides an analysis of the estimated risks to the project, including operational, technical, financial, climate change, and natural disaster risks, as well as strategies/measures to mitigate them.

### **VIII. Applications**

Project Management Guide

Project procurement evaluation and planning

Initial Terms of Reference for Project Implementation Consultants

Decisions on allocation of the project object (building and structure, land).

Engineering-geological studies, (if necessary)

Technical conditions for connecting engineering networks

State environmental expertise report (if necessary)

Other necessary documents.

Note.

The Project Appraisal Document should be developed based on the project concept.

The Government Commission on investment attraction, industrial development and trade regulation has the right to amend the structure of the Project Appraisal Document.