ISTANBUL RESILIENCE PROJECT

BAĞCILAR SECONDARY SCHOOL

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

JUNE 2026

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Abbreviations

AoI	Area of Influence
CERC	Contingent Emergency Response Component
CHS	Community Health and Safety
CİMER	Presidency's Communication Center
CoC	Code of Conduct
C-ESMP	Contractor Environmental and Social Management Plan
EIA	Environmental Impact Assessment
ERP	Emergency Response Plan
ESF	Environmental and Social Framework
ESHS	Environment, Social and Health and Safety
ESMF	Environmental and Social Management Framework
ESMP	Environmental and Social Management Plan
ESSs	Environmental and Social Standards
E&S	Environmental and Social
GBV	Gender-based Violence
GM	Grievance Mechanism
IMM	Istanbul Metropolitan Municipality
IPCU	Istanbul Project Coordination Unit
IRP	Istanbul Resilience Project
LMP	Labor Management Procedures
LM Plan	Labor Management Plan
MoNE	Ministry of National Education
MSDS	Material Safety Data Sheet
OHS	Occupational Health and Safety
PPE	Personal Protection Equipment
SEA/SH	Sexual Exploitation and Abuse/Sexual Harassment
SEP	Stakeholder Engagement Plan
WB	World Bank
WHO	World Health Organization

WWTP Wastewater Treatment Plant

YİMER Foreigners Communication Center

1. Executive Summary

The Istanbul Resilience Project (IRP), financed by the World Bank and implemented by the Istanbul Project Coordination Unit (IPCU), aims to enhance disaster and climate resilience in Istanbul Province by strengthening emergency preparedness, reducing disaster risks, and ensuring that critical public facilities remain fully functional during and after disasters.

The Project is structured under four components:

1. Strengthening the Emergency Preparedness and Response System
2. Enhancing the Resilience of Critical Public Buildings and Facilities
3. Project Management and Technical Assistance
4. Contingent Emergency Response Component (CERC).

Within the scope of Component 2, the reconstruction of ***Bağcılar Secondary School in Bağcılar, Istanbul***, has been selected as one of the subprojects to be financed under the IRP. The project site, formerly used as dormitory building, which has already been demolished and cleared. The school building will be reconstructed in line with the highest seismic and climate resilience standards. The new facility will serve not only as an educational institution but also as a self-sufficient post-disaster shelter, ensuring continuity of critical services in the aftermath of emergencies.

Key features of the subproject include:

- **Nearly Net-Zero Quality Building:** Designed with energy-efficient systems (aligned with Turkish TS825 and IRP's Class B performance standards), renewable energy installations (such as photovoltaic panels), and enhanced generator capacity.
- **Water Security and Storage:** Equipped with additional storage tanks and rainwater harvesting systems to ensure uninterrupted water supply during disasters.
- **Emergency Preparedness:** Integration of communication systems and basic provisions (electricity, water, and food) for at least the first 72 hours after a disaster, supporting both students and surrounding communities.
- **Inclusive Design/Universal Access:** The facility will include tactile surfaces, ramps, elevators, and accessible sanitary facilities, ensuring universal access, particularly for persons with disabilities and other vulnerable groups.
- **Community Shelter Function:** The school has been designed with potential to host displaced individuals during emergencies, contributing to the post-disaster shelter capacity of Istanbul.

The environmental and social screening confirmed that the project does not fall under ineligible activities of the IRP Exclusion List and is categorized as ***Moderate Risk*** under the World Bank's Environmental and Social Framework (ESF). The main anticipated risks include:

- **Construction-related risks:** dust, noise, traffic disruptions, and construction waste generation.
- **Occupational Health and Safety (OHS) risks:** hazards from heavy equipment, work at height, handling of materials, and potential risks of electrical accidents during construction activities.
- **Community Health and Safety risks:** possible exposure to dust/noise and minor increases in local traffic.
- **Waste Management:** construction debris and other solid and liquid wastes will require careful monitoring, segregation, and management to ensure recycling and safe disposal in line with national regulations and the IRP Environmental and Social Management Framework (ESMF).

Mitigation measures have been developed and will be implemented in line with the IRP's Environmental and Social Management Framework (ESMF), Labor Management Procedures (LMP), and Stakeholder Engagement Plan (SEP). This site-specific Environmental and Social Management Plan (ESMP) will

be applied to ensure compliance with Turkish regulations and the World Bank's Environmental and Social Standards (ESSs).

A dedicated Grievance Mechanism (GM) will be available for all project stakeholders, including workers and community members, to raise concerns, complaints, or suggestions related to the subproject. The GM will be accessible, transparent, and inclusive, ensuring timely responses and effective resolution. Special channels will be provided for sensitive cases, including issues related to Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH), with confidentiality and survivor-centered procedures guaranteed.

The reconstruction of Bağcılar Secondary School will thus contribute directly to IRP's objectives by providing a safe, resilient, green, and inclusive public facility that enhances educational continuity, protects vulnerable groups, and supports emergency response capacity in Bağcılar and beyond.

2. Introduction

This ESMP has been prepared for the reconstruction of Bağcılar Secondary School under the IRP, financed by the World Bank and implemented by the IPCU.

The purpose of this ESMP is to identify the potential environmental and social risks and impacts of the subproject and to propose appropriate mitigation and monitoring measures. The ESMP ensures that project activities are implemented in compliance with the World Bank ESF, particularly the relevant ESSs, as well as with applicable Turkish laws and regulations, including the Law on Environment No. 2872 (1983) and national labor, occupational health and safety legislation.

The mitigation measures defined in this ESMP will be included in the bidding documents, and their implementation will be ensured by the Contractor under the supervision of IPCU and the Supervision Consultant. This ESMP is a living document and will be updated as necessary during implementation to reflect site conditions, monitoring results, and stakeholder feedback.

3. Legal and Institutional Framework

This ESMP has been developed in line with the World Bank Environmental and Social Framework (ESF) and the relevant Environmental and Social Standards (ESSs), as well as with Turkish national laws and regulations governing environment, labor, occupational health and safety, and construction.

Key applicable legislation includes the Environment Law No. 2872, the Labor Law No. 4857, the Occupational Health and Safety Law No. 6331, and related secondary regulations. In cases where discrepancies arise between national legislation and the WB's ESF, the requirement that ensures a higher level of environmental and social protection will apply.

The implementation of this ESMP will be ensured through the institutional arrangements of the IPCU, with monitoring and supervision carried out by the supervision consultant, and day-to-day compliance ensured by the contractor.

The IRP ESMF is publicly disclosed and can be accessed at the following links:

Turkish Version

English Version

4. General Project and Project Area Information

Türkiye faces significant disaster risks due to its seismicity, urbanization, and growing population. The IRP has been designed to address these risks by strengthening critical public buildings and ensuring that they can remain operational during and after disasters. Within this framework, the reconstruction of Bağcılar Secondary School has been selected as one of the subprojects to be financed under *Component 2: Enhancing the Resilience of Critical Buildings and Facilities*.

The main objective of the subproject is to rebuild the school to the highest seismic and climate resilience standards, while equipping it as a self-sufficient post-disaster shelter capable of providing basic services (electricity, water, food, and communication) during the first 72 hours of a disaster. The project will therefore contribute to strengthening preparedness, supporting emergency response capacity, and ensuring continuity of education.

Construction activities will consist of new building works (excavation, reinforced concrete, finishing works, and landscaping) on the site where the former structurally weak building has already been demolished and cleared. These activities are expected to generate temporary, localized, and manageable environmental and social impacts, such as noise, dust, traffic, and waste.

Based on the current scope and applicable Turkish EIA Regulation, the subproject is not subject to a full EIA process; however, all applicable environmental, occupational health and safety, and construction management requirements will be complied with.

This ESMP has therefore been prepared as a guidance document to identify potential risks, propose mitigation measures, and ensure that construction and operation activities are carried out in line with both national regulations and the World Bank ESF.

4.1 Project Description

Subproject Title:	Reconstruction of Schools (Nearly Net-Zero Quality, Self-Sufficient Post-Disaster Facility)
Location:	100. Yıl District, 2143 Street, Bağcılar / Istanbul, 1962 Block / 33 Plot
Implementing Institution:	Istanbul Project Coordination Unit (IPCU)
Responsible User Institution:	Ministry of National Education (MoNE)
Site Condition:	The site is currently vacant. The former building has already been demolished and debris cleared.
Building Information:	Planned as one block within an area of 11,303.07 m² as specified in the land registry, and the total enclosed construction area is planned as 9,846.28 m².
Estimated Cost:	The project consists of 9,846.28 m² of enclosed area, and relevant authorities should develop their own cost estimations as appropriate.
Construction Period:	18 months (Approx.)

4.2 General Information and Objectives

Bağcılar is a district located on the European side of Istanbul, within the Marmara Region of Türkiye. The district is characterized by a dense urban structure dominated by residential areas, small and medium-sized enterprises, and active commercial zones. Historically shaped by rapid urbanization and migration, Bağcılar has evolved into a highly populated district with a strong working-class and service-oriented profile.

Strategically positioned between key transportation corridors, Bağcılar benefits from extensive public transport networks, including metro and tramway connections, which enhance its accessibility within the metropolitan area. Although it does not have a coastal interface, its proximity to major arterial roads and business districts supports its economic activity and urban integration. In recent years, urban transformation initiatives, infrastructure investments, and the development of public facilities have contributed to improving the district's physical and social environment, supporting its transition toward a more organized and service-based urban structure.

The subproject site is situated in 100. Yıl District of Bağcılar, at 2143 Street, Parcel 1962/33. The area is designated as a Vocational High School Area under the zoning plan, and the land is state-owned under the Ministry of Treasury and Finance, officially allocated to the Ministry of National Education (MoNE).

The site is currently vacant, as the former structurally weak building has been demolished. Education activities for Bağcılar Secondary School are temporarily being carried out in another building to avoid disruption during construction, in coordination with the Ministry of National Education (MoNE) and in line with its established procedures.

Building Location

The subproject area is easily accessible by local roads and is connected to Bağcılar by public and private transport options.

The Area of Influence (AoI) is defined at the neighborhood scale, covering the broader built-up area in which the project site is located, including surrounding residential areas and nearby public facilities. These receptors may be affected by temporary construction-related impacts such as noise, dust, and traffic. Based on the surrounding receptors identified within the AoI, the main sensitive receptors are as follows (approx. straight-line distances):

- **Residential and commercial buildings**: The project site is located within a densely built-up urban area characterized by mixed residential and commercial land use. The surrounding area includes small-scale businesses, local shops, and residential buildings.
- **Educational facilities**: Several educational facilities are located within the AoI. These include Ziya Gökalp Secondary School (~63 m), Yüzyıl Bilgi Evi (~69 m), Benim Hikayem Gülsüm Demir Kindergarten (~82 m), Otocenter Vocational and Technical Anatolian High School (~120 m), Emel Schools (~165 m), Ibn Sina Anatolian High School (~186 m), Şafak Schools Bağcılar Campus (~198 m), and Istanbul Chamber of Commerce Primary School (~218 m).
- **Healthcare facilities:** Healthcare services are available within the AoI. No. 35 Family Health Center is located approximately ~203 m from the project site.
- **Religious facilities:** Religious facilities are present within the AoI. 100th Year Central Mosque is located approximately ~153 m from the project site.
- **Government/public facilities:** Public and governmental services within the AoI include Bağcılar District Police Department – Martyr Police Officer Cemal Şenel Police Station (~283 m).
- **Infrastructure:** No major infrastructure facilities (such as water reservoirs, treatment plants, or energy facilities) have been identified in close proximity to the project site.
- **Transportation infrastructure:** No metro or railway lines are located in close proximity to the project site.

Community Health and Safety (CHS) risks will be managed through the ESMP and Contractor ESMP (C-ESMP), including relevant sub-plans such as the Traffic Management Plan. Particular attention will be given to sensitive receptors within the AoI, especially nearby educational facilities, and communication will be maintained during construction to minimize disturbances.

A general view of the project site is presented in Figure 1. The surroundings of the project area consist predominantly of residential buildings (to the north, south, and west), and a transformer is located on the northern side of the parcel.

Site photographs (Annex 1) — including views of the entrance, garden, and surrounding environments — as well as satellite and aerial imagery (Annex 2) and land registry records (Annex 3) are provided in the annexes to this ESMP. In addition, a location map showing the project site and nearby infrastructure, is presented in Annex 2.

Annex 3 (Land Register) presents the official title deed information for the project site, including the parcel and block numbers, total land area (9,846.28 m²), land use designation ("Vocational High School Area"), and registration under the Ministry of Treasury and Finance, confirming public ownership and allocation to the Ministry of National Education for educational purposes. Annex 4 (Topographic Survey) provides detailed information on the site's existing elevation, boundaries, and physical features, supporting the design and layout of the new school building. Annex 5 (Zoning Status Letter) includes the official confirmation of the land-use designation and verifies that the site is planned as a Primary Education Facility Area under the applicable zoning plans.

Figure 1: General View of Bağcılar Secondary School (Bağcılar, Istanbul)

4.3 Subproject Description and Activities

The subproject consists of the reconstruction of Bağcılar Secondary School in Bağcılar, Istanbul. The former school building, identified as structurally weak, has already been demolished. The site is currently vacant and ready for construction works.

The new school will be constructed as a single-block building with a total enclosed area of approximately 9,846.28 m². It will be designed to meet the highest seismic and climate resilience standards and to function as a self-sufficient post-disaster shelter. Key design features include:

- Additional water storage capacity,
- Renewable energy systems (such as photovoltaic panels),

- Expanded generator capacity, and
- Enhanced communication systems to ensure building functionality during emergencies.

Planned construction activities include:

- Site preparation and excavation,
- Reinforced concrete and superstructure works,
- Interior and exterior finishing works,
- Landscaping and external arrangements, and
- Procurement and installation of building materials and equipment.

No major new infrastructure such as transportation routes, electricity, water, or wastewater lines is required, as the site is already serviced by existing urban infrastructure.

Construction activities are expected to generate typical short-term environmental and social impacts such as dust and noise emission, generation of construction waste, increased traffic, and potential risks to community health and safety (CHS) and occupational health and safety (OHS). These impacts will be mitigated through the implementation of the measures described in this ESMP and the Contractor's Environmental and Social Management Plan (C-ESMP), ensuring compliance with relevant national regulations and the IRP ESMF.

5. Environmental and Social Management Plan

This ESMP outlines the key measures that the Contractor and other responsible parties must implement during the subproject activities to prevent, minimize, or mitigate potential environmental and social risks and impacts. It summarizes site-specific risks identified for the reconstruction of Bağcılar Secondary School, together with the corresponding mitigation measures, monitoring indicators and frequency, assigned responsibilities, indicative costs and the overall roles of all parties involved in project implementation.

The ESMP serves as a practical tool to ensure that all project-related risks—including environmental, occupational health and safety, community health and safety, waste management, and stakeholder engagement—are managed in line with the World Bank ESF and the relevant national legislation.

The **Supervision Consultant** will be responsible for monitoring the implementation of the mitigation measures, assessing the Contractor's environmental and social management system and performance, organizational capacity, and site-specific sub-plans. The Consultant will also review the Contractor's ESMP (C-ESMP) and provide recommendations for improvement. The **Contractor** is obliged to prepare, adopt, and implement the Contractor's Environmental and Social Management Plan (C-ESMP), based on this subproject's ESMP, **prior to the commencement of civil works,** ensuring that all environmental and social commitments are fully met.

In addition to C-ESMP, the **Contractor will prepare and submit the following** sub-management plans **for review by the Supervision Consultant and approval by IPCU**:

- Waste Management Plan
- Community Health and Safety Plan
- Traffic Management Plan
- Occupational Health and Safety (OHS) Plan
- Contractor's Labor Management Plan (in line with the Project LMP)
- Project-Level Stakeholder Engagement Plan (in line with the Project SEP)
- Grievance Mechanism (GM) Procedures for workers and communities
- Chance Find Procedures

All sub-management plans will be submitted and approved before construction works begin and will remain in force throughout the construction period.

Table 1 Environmental and Social Management Plan

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
General for All Construction Works									
Environmental and Social (E&S) Management	Contractor will prepare and submit for approval and subsequently implement its Contractor ESMP (C-ESMP). **The C-ESMP should be submitted prior to the commencement of construction works and no construction activities will be carried out under the sub-project until it is reviewed and approved by the IPCU through support from the Supervision Consultant.** The C-ESMP will include at least the following site-specific management plans: • Occupational health and safety (OHS) management plan including risk assessment and emergency response plan (see the outline in ANNEX 6 and ANNEX 9 of the Environmental and Social Management Framework (ESMF) of the project) • Community health and safety (CHS) management plan including traffic management plan (see outline in ANNEX 7 of ESMF of the project) • Waste management Plan (see ANNEX 5 of ESMF of the project) • Chance Finds Procedures (see ANNEX 4 of ESMF of the project) • Contractor's Labor Management Plan (to be prepared in accordance with project LMP) • Project-Level Stakeholder Engagement Plan (to be prepared in accordance with project SEP) • Grievance mechanism (GM) for both community and workers.	X	X		All sub-management plans are approved prior to construction and implemented throughout the construction period		X		Contractor (Implementation) IPCU/Supervision Consultant
	The Contractor shall hire or appoint full-time one environmental and social and one full-time OHS specialists prior to the commencement of construction works. **The Contractor shall submit the CVs of specialists for approval to IPCU via Supervision Consultant**. These specialists will be	X	X		Relevant E&S staff are mobilized and	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	present at the site throughout the construction period.				maintained throughout the construction period				
	• **The Contractor will prepare a training program and provide training to all its staff, before they start working on site**, on basic environmental, social, health and safety (ESHS) risks associated with the proposed construction works and the workers' responsibility. The training program **shall be repeated on quarterly basis**. The Contractor's quarterly training program will also cover topics related to Code of Conduct (CoC) such as sexual harassment particularly towards women and children, violence, including sexual and/or gender-based violence and respectful attitudes while interacting with the local community.	X	X		Training program approved and all relevant staffed trained Training records		X		Contractor (Implementation) Supervision Consultant
Resource Efficiency and Pollution Prevention	To address the identified risks and enhance resource efficiency and pollution prevention, the following measures will be implemented: • Ensure that all retrofitted buildings achieve at least Turkish Class C Energy Performance Certification standards (TS825) and all newly constructed buildings achieve at least Class B. • Integrate renewable energy systems, such as solar panels, to reduce energy consumption and ensure operational continuity during disasters. • Install water-saving systems, including low-flow toilets, efficient taps, and showerheads, and implement rainwater harvesting and greywater reuse where feasible and/or applicable. • Reuse demolition materials (e.g., debris as filling material) and ensure high percentage of recycling of iron and other recyclable materials. • Enhance green infrastructure by creating parks, green roofs, and vegetative buffers to manage stormwater, mitigate urban heat	X	X		Compliance with energy and water efficiency standards, proper waste and pollution management, implementation of nature-based solutions, and stakeholder			X	Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	effects, and conserve biodiversity where feasible and/or applicable. • Regularly monitor and evaluate the performance of nature-based solutions to ensure their long-term effectiveness. • The areas where waste management will be carried out during the operation process should be determined at the planning stage. • Conduct a tree survey during the planning phase to identify and document existing trees on the site, ensuring protection and conservation of mature trees wherever possible. • Tree planting and the use of fire-resistant native plant species in landscaping projects can mitigate urban heat island effects while supporting ecological functions. • Nature-based solutions, such as rainwater gardens and permeable surfaces, can reduce runoff, recharge groundwater, and enhance local ecosystems.				feedback resolution				
Air Pollution (Dust and Exhaust)	• Minimize dust from exposed work sites by applying water on the ground regularly during the dry season. • Construction debris shall be kept in a controlled area and sprayed with water mist to reduce debris dust especially during the dry season • Keep stockpiles of aggregate materials covered to prevent suspension or dispersal of fine soil particles during windy days or disturbances by stray animals. In case of pneumatic drilling during excavation, dust shall be suppressed by ongoing water spraying and/or construction dust screen enclosures at the site. • The surrounding environment, such as roads, shall be kept free of debris to minimize dust. • Trucks transporting excavated materials or construction waste shall have their loads securely covered to prevent dust and spillage during transit. • There shall be no open burning of construction or waste materials		X		Visual inspection of air quality control measures Records of maintenance Records of complaints	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	at the site.								
Noise	• Limit construction activities to hours specified by national regulations, and coordinate with nearby communities, particularly schools, to schedule noisy tasks during times that cause minimal disturbance. • During operations, equipment will be placed as far away from residential/community areas as possible. • All equipment will be maintained to keep it in good working order by manufacturing maintenance procedures and installing acoustic enclosures around generators to reduce noise levels. • Use when needed and feasible noise-control methods such as fences, barriers or deflectors (such as muffling devices for combustion engines or planting of fast-growing trees) • Avoid the unnecessary use of alarms, horns and sirens. • Minimize project transportation through community areas. • Maintain a buffer zone (such as open spaces, rows of trees or vegetated areas) between the project site and residential areas to lessen the impact of noise to the living quarters. • Noise measurements shall be conducted if any grievance regarding noise generation is received from the nearest receptors. If measured levels are above limit values, mitigation measures shall be enhanced in this respect, i.e., installing acoustic barriers for mechanical equipment, limiting the hours of operation for specific pieces of equipment or operations, etc.		X		Visual inspection of noise control measures Records of complaints	X			Contractor (Implementation) Supervision Consultant
Health and Safety OHS-related risks due to unsafe practices and hazards	When planning activities, discuss steps to avoid people getting hurt. It is useful to consider: • Construction place: Are there any hazards that could be removed or should warn people about? • The people who will be taking part in construction: Do the	X			Visual inspection Employee records	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
at work sites such as work at height, rotating and moving equipment, electrical safety, working with hazardous material, etc.	participants have adequate skill and physical fitness to perform their work safely? • The equipment: Are there checks you could do to make sure that the equipment is in good working order? Do people need any particular skills or knowledge to enable them to use it safely? • Electricity Safety: Do any electricity good practices such as the use of safe extension cords, voltage regulators and circuit breakers, labels on electrical wiring for safety measures, awareness on identifying burning smells from wires, etc. apply at the site? Is the worksite stocked with voltage detectors, clamp meters and receptacle testers?				Equipment				
	• Appropriate signposting of the construction sites will inform workers of key rules and regulations to follow. • The contractor's OHS specialist will provide a brief daily toolbox talk to the construction workers on ESHS risks associated with the construction activity that will be carried out on that particular day. • The Contractor will ensure a safe working environment for the workers and before construction activities will supply appropriate personal protective equipment (PPE) in line with international best practice and Turkish Legislation (hard hats, gloves, dust masks, goggles, harnesses and safety boots, etc.). • All activities will be implemented in line with both the Law on Occupational Health and Safety (Official Gazette No: 28339, dated June 30, 2012) and its relevant regulations and also with the World Bank Group EHS Framework. • The Contractor will immediately notify the IPCU (through supervision consultants) about any serious incident which may have significant adverse effects on the environment, the affected communities, the public or workers. Then, IPCU will notify the World Bank about any serious incident in 48 hours and send an		X		Visual inspection of control measures OHS records Employee records Incident statistics and records, including near misses Records of worker's complaints	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	incident investigation report together with the root-cause analysis and corrective action plan no later than 10 days to the World Bank. • Keep the worksite clean and free of debris on a daily basis. • The first aid kit should be equipped with bandages, antibiotic creams, etc. or delivered to health institutions. • Following safety guidelines for the storage, transport, and distribution of hazardous materials aiming to minimize the potential for misuse, spills, and accidental human exposure. • Keep corrosive fluids and other toxic materials in properly sealed containers for collection (considering its MSDS) and disposal in properly secured areas. • Ensure structural openings are covered/protected adequately. • Secure loose or light material that is stored on roofs or open floors. • Keep hoses, power cords, welding leads, etc. from laying in heavily travelled walkways or areas. • During heavy rains or emergencies of any kind, suspend all work. • Follow the below measures for construction involving work at height: • Do as much work as possible from the ground. • Do not allow people with the following personal risks to perform work at height tasks: eyesight/balance problem; certain chronic diseases – such as osteoporosis, diabetes, arthritis or Parkinson's disease; certain medications – sleeping pills, tranquilizers, blood pressure medication or antidepressants; recent history of falls – having had a fall within the last 12 months, etc. • Only allow people with sufficient skills, knowledge and experience to perform the task. • Check that the place (e.g., a roof) where work at height is to be								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	undertaken is safe. • Take precautions when working on or near fragile surfaces. • Clean up oil, grease, paint, and dirt immediately to prevent slipping in accordance with Emergency Response Plan; and • Provide fall protection measures e.g. safety hardness, and simple scaffolding/guard rail for works over 4 meters from the ground. • The contractor shall hire trained operators for the safe operation of specialized construction's vehicles								
Community Health and Safety Community health and safety risks associated with construction activities, including health issues arising from exposure to waste, stagnant water, wastewater, particulate matter, and construction workers, as well as traffic and road-related risks caused by increased traffic volume and the movement of heavy-duty vehicles due to inadequate construction and	• Rope off construction area and secure materials stockpiles/ storage areas from the public and display warning signs including at unsafe locations. • Do not allow the entrance of unauthorized person in construction areas. • Regularly drain stagnant water from construction areas to prevent the breeding of mosquitoes and other disease vectors. • Use covered and sealed storage for wastewater to prevent leaks and odors, while maintaining safe drainage systems to avoid contamination of nearby water bodies. • Provide clean and well-maintained sanitation facilities for workers, including toilets and washing stations. • The construction site security personnel must be trained and officially certified. • Control the driving speed of vehicles particularly when passing through a community or nearby school, health center or other sensitive areas. • If vulnerable pedestrians or facility users are present in the vicinity, include traffic safety personnel to direct traffic during school hours, if needed. • The project site must be lit during the night. • The surrounding construction area should be kept clean, without		X		Visual inspection of control measures Traffic accident records Records of complaints	X			Contractor Consultant (Supervision)

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
traffic management.	waste disposed of there. The broken glass should be cleaned immediately to avoid any fires. • Following safety guidelines for transportation of hazardous materials to the site aiming to minimize the potential for spills and accidental human exposure due to traffic accidents. • Effective communication systems are needed to inform communities about project activities, potential risks, and emergency procedures. • Regular maintenance such as periodical control of vehicles to minimize potentially serious accidents caused by equipment malfunction or premature failure. • The public will be informed about the work to be carried out, including the measures taken regarding communicable diseases relating to labor influx and -post-disaster context (i.e., infectious disease outbreaks), using appropriate communication tools and methods (e.g., online/virtual and/or physically) in areas accessible to all stakeholders (including work sites). • In case of any epidemic or pandemic / communicable disease, including infectious disease outbreaks, the guidance, guidelines, and recommendations to be provided by the Ministry of Health, the Ministry of Family and Social Services, the Ministry of Labor and Social Security, and the World Health Organization (WHO) will be followed, and all relevant measures will be taken for both employees and workplaces in terms of OHS and CHS. In addition, all construction works will follow the World Bank guidelines to minimize the risk of infectious disease outbreaks transmission during the execution of civil works. • Include evacuation protocols, first aid training, and clear communication strategies in the ERP to protect community health and safety. • Any traffic diversions should take into account the needs of								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	disabled persons. • The Contractor will ensure the construction site is properly secured and construction-related traffic regulated properly (including proper route planning). This will include but not be limited to: • Signposting, warnings, barriers, and traffic diversions: the site will be visible, and the public warned of all potential hazards. • Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. • Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement. • Active traffic management by trained and visible staff at the site, if required for a safe and convenient passage for the public.								
Water Quality and Wastewater: Water pollution in nearby surface waters due to wastewater/waste generated at the construction area due to construction activities	• The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and/or silt fences to prevent sediment from moving off-site and causing excessive turbidity in nearby surface waters. • Minimize storage or disposal of generated wastewater on the site. • Temporary or final waste disposal and wastewater discharge without treatment near/in surface waters is strictly forbidden to prevent possible adverse impacts on surface waters. No soiled materials, solid wastes, toxic or hazardous materials should be stored in, poured into or thrown into water bodies for dilution or disposal. • Construction vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface waters. • Wastewater generated at the construction site will be connected to the sewerage system, if possible, and approved by local		X		Visual inspection of control measures Septic tank effluent disposal records (if any) Effluent quality measurement records (if any) Records of complaints	X			Contractor *(Implementation)* Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	authorities. If this is not possible, it will be deposited in the septic tank that will be impervious, in accordance with "Regulation on Pit Opening Where Sewer System Construction is not Applicable" published in Official Gazette No: 13783 dated 19.03.1971. Toilets with temporary septic tank might be used for this purpose as well. Septic tank effluent will be removed periodically by sewage trucks, and disposal will be provided within the scope of the protocol to be made with the relevant municipality that has a licensed wastewater treatment plant (WWTP). The Protocol will be submitted to the IPCU. • Activities should not affect the availability of water for drinking and hygienic purposes. • The flow of natural waters should not be obstructed or diverted in another direction, which may lead to the drying up of river beds or flooding of settlements. • Separate concrete works in waterways and keep concrete mixing separate from drainage leading to waterways.								
Soil and Groundwater Quality: Soil and groundwater pollution due to improper waste management and accidental spills, and soil erosion	• Apply the mitigation measures specified in the "Solid and Hazardous Waste" section for proper waste management. Residual (left out) concrete in concrete mixers will not be allowed to wash out into the construction site, its vicinity, or access roads of construction sites. Related trainings will be provided to concrete mixer drivers. • Hazardous and chemicals and materials will be secured in a designated storage area to prevent spillage and tip-over. • Semi-used chemical-containing containers will have lids and lids will be tightened while they are not in use. • In case of a spill of any hazardous material or hazardous wastes, spill prevention methods mentioned in ERP will be put in place in order to limit the exposure area. Workers who might intervene in such incidents should have relevant trainings on emergency		X		Visual inspection of control measures Incident records Training records Records of complaints	X			Contractor *(Implementation)* Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	response to spills. • Proper spill kits will be placed at appropriate locations in the construction area. • Schedule construction during the dry season, as appropriate. • Contour and minimize the length and steepness of slopes. • Cover with topsoil and re-vegetate (plant grass, fast-growing plants/bushes/trees) construction areas quickly once work is completed.								
Waste Management EHS risks due to inappropriate management of waste generated due to construction activities (such as construction demolition wastes, hazardous waste, biodegradable waste, recyclable waste, non-hazardous waste, etc.)	• Excavation soil, construction and demolition waste Dumping Permit must be obtained from the Municipality. • Excavation waste will be re-used for backfilling purposes as much as possible and recovery and other re-use options will be considered as appropriate (except asbestos or asbestos-containing waste). • Recycling and reusing materials during demolition and construction reduces demand for raw natural resources, indirectly supporting sustainable management practices. • The excess excavation waste shall be transported and disposed of separately by licensed transport vehicles to existing licensed excavation waste storage area(s), identified by the relevant governmental authorities, in the district/region. • On-site storage of wastes prior to final disposal (including earth dug for foundations) should be at least 300 meters from rivers, streams, lakes and wetlands. • After each construction site is decommissioned, all debris and waste shall be cleared. • Keep the records of waste generation and disposal.	X	X		Visual inspection of control measures Waste generation and disposal records Training records Records of complaints	X			Contractor (Implementation) Supervision Consultant
	• Manage wastes in accordance with the waste management hierarchy (prevent, reduce, reuse, recycle, recover, dispose) and train personnel to raise awareness on waste management.								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	• Temporarily storage on site of all hazardous or toxic substances will be in safe containers labelled in line with Material Safety Data Sheet (MSDS), with details of composition, properties, and handling information. • Segregate waste as recyclable, hazardous and non-hazardous waste. • Non-hazardous wastes, inert and biodegradable wastes and also recyclables must be collected separately, and special attention must be paid to prevent hazardous wastes in leak-proof container to prevent spillage and leaching in case of mixing with other types of waste. • Collect, store and transport waste to appropriately designated /controlled licensed disposal areas/facilities (such as excavation waste storage areas, sanitary landfills, recycling/recovery facilities, etc.). Submit an official letter to IPCU stating that these wastes will be accepted at licensed sites • Temporary waste storage area (to be established at the construction area) should be on impermeable ground, covered with a roof, and equipped with a suitable drainage system, proper spill kits and appropriate firefighting equipment. Wastes shall be temporarily stored in this area in separate compartments (labelled with waste codes) according to their types in order not to react with each other. Hazardous wastes shall be stored in the temporary waste storage area for a maximum of six (6) months and non-hazardous wastes for a maximum of one year. • Hazardous waste shall be transferred to a licensed disposal facility via licensed waste transportation companies, and recyclable wastes to a relevant licensed recycling/recovery facility. All protocols and waste logs shall be submitted to the IPCU. • Train workers on correct transfer and handling of fuels and other								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	substances and require the use of gloves, boots, aprons, eyewear and other protective equipment for protection in handling highly hazardous materials.								
Stakeholder Engagement and Grievance Mechanism Construction-related complaints and temporary disruption to the local community including eligible property owners	• Follow the relevant measures suggested in the SEP. • Early liaison and effective communication shall be carried out with people who may be affected by the work of the contractor and supervision consultant. • Implementation of a program of ongoing liaison and respect for the local environment and residences shall be formed • The **supervision consultant will appoint a dedicated person**(s) accountable for community liaison who will be focused on engaging with the community to provide the appropriate information and to be the first line of response to resolve issues of concern. • The Project Grievance Mechanism shall be implemented through the opening and closing of forms and complaints. • The names and contact telephone numbers and e-mail addresses of all site personnel with responsibilities for both supervision and management of the works will be displayed on the site information boarding. • Once planning consent has been obtained, formal contact will be established with the mukhtar of the neighborhood and those who could potentially be affected by the construction will be informed via mukhtar. This will include consultation with relevant E&S risk management instruments and identifying any particularly sensitive times of the day. • Outside normal working hours, security personnel will act as the main point of contact via a dedicated phone number. Security will alert the person(s) accountable for liaison if necessary (available 24 hours). • **All workers will sign/commit to and be trained on the Code of**	X	X		Records of complaints Stakeholder engagement records		X		IPCU Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	Conduct to manage the potential adverse impacts on social cohesion and Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) risks. • Any complaints will be logged, fully investigated, and responded to quickly, advising what action has been taken. Complaints will be registered and reported to the Contractor, Training Consultant, Supervision Consultant and also IPCU. • **Public notice boards will be established at site entrances** during the Planning and Construction phases, providing relevant contact details of the for liaison including environmental matters.								
Labor and Working Conditions: Risks associated with potential labor influx (such as child labor risks, gender-based violence and harassment, human rights risks, etc.) and other labor issues	• **Follow the relevant measures in Labor Management Plan (LM Plan) to be prepared by the Contractor** in accordance with project LMP. • Workers will be provided with information and documentation that is clear and understandable regarding their terms and conditions of employment such as their rights under national labor and employment law (which will include any applicable collective agreements). • Workers will be paid on a regular basis as required by national law and project LMP. • Workers will be provided with adequate periods of rest per week, annual holiday and sick, maternity and family leave, as required by national law and project LMP. • Workers will receive written notice of termination of employment and details of severance payments in a timely manner. • Workers will be employed on the principle of equal opportunity and fair treatment, and there will be no discrimination with respect to any aspects of the employment relationship. • Project workers, including specific groups of workers, such as women, people with disabilities and migrant workers will be		X		Visual inspection of control measures Health records Employee records Training records Records of worker's complaints	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	provided with appropriate measures of protection and assistance in line with ESS2 of WB ESF. This process will be executed in accordance with the project LMP. • Workers are allowed to participate, or seek to participate, in workers' organizations and collective bargaining or alternative mechanisms. • Children under the minimum age of 18 will not be employed or engaged by the Contractor in connection with this sub-project. • Forced labor, which consists of any work or service not voluntarily performed that is exacted from an individual under threat of force or penalty, will not be used in connection with this sub-project. • Prior to commencement of any activities at the project site, a worker's GM will be established by the Contractor at the construction site for all workers to raise workplace concerns. Contact details of the worker's GM will be provided to workers during the induction training. • All workers will receive training about their rights under national labor and employment law and regarding the GM upon recruitment and before the implementation of the work. • Code of Conduct will be shared with project workers during employment. All workers are obliged to comply with the Code of Conduct and sign relevant documentation at the time of employment. • Movement in and out of the construction site will be controlled, and unauthorized access to the site will be prevented. • Contractor will confirm that workers are fit for work before they start work, paying special attention to workers with underlying health issues or who may be otherwise at risk. • The Contractor shall provide information and awareness of communicable diseases to workers.								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	• The Contractor shall arrange safe drinking water, adequate toilet facilities for both genders, accommodation, rest and dining areas for the workers. • The Contractor shall provide a first aid kit with bandages, antibiotic cream, etc. or health care facilities, and shall identify and train an adequate number of workers to provide first aid during medical emergencies.								
Cultural Heritage Chance Find	• Effective communication with local authorities, heritage organizations, and the community will ensure proper handling of any cultural heritage • No disturbance of cultural or historic sites. • If encountered with any cultural heritage/assets during construction works (especially excavation and earthworks) apply the chance finds procedure (see **Error! Reference source not found.** of ESMF of the project).	X	X		Chance finds records		X		IPCU Contractor *(Implementation)* Supervision Consultant
Biodiversity: Potential risks to flora and fauna due to construction activities and improper waste management	• According to Planned Areas Development Regulations (published in the Official Gazette dated July 03, 2017, and numbered 30113 and Attachment: RG-31/12/2022-32060) for residential, trade, tourism, education, worship, health, and sports parcels: 1 tree per 30 m² of area outside the building footprint. If planting on the parcel is not feasible, trees must be planted in designated public areas per zoning plans • Tree planting and the use of fire-resistant native plant species in landscaping projects can mitigate urban heat island effects while supporting ecological functions		X		Tree plantation records Screening Visual inspection of control measures			X	Contractor (Implementation) Supervision Consultant

6. Roles and Responsibilities

The activities to be carried out under the Site-Specific Environmental and Social Management Plan (ESMP) and the parties responsible for these activities are presented in Table 2.

Table 2 Roles and Responsibilities

Responsible Party	Roles and Responsibilities
IPCU	• Hire/appoint one environmental, one social, and one OHS specialist to ensure the effective management and monitoring of environmental, social, and OHS risks in compliance with project requirements. • Through its environmental, social and OHS specialists; - Coordinate closely with local authorities, contractors, and community leaders to ensure alignment with project goals, environmental and social requirements, and stakeholder expectations. - Develop and maintain a centralized database to track the implementation of environmental and social mitigation measures, grievances, and monitoring data, ensuring accessibility and up-to-date information for reporting to the World Bank and other stakeholders. - Provide oversight, support, and quality control for field staff and contractors working on environmental and social risk management. - Ensure subprojects are screened against the Exclusion List (Table 5 of ESMF of the project). - Prepare E&S Screening Forms for each of the subprojects and submit them to the WB for approval. - For activities requiring ESMPs, prepare site-specific ESMPs by customizing the project level ESMP (Annex-3 of ESMF of the project) and submit at least first five (5) ESMPs for prior review and no objection by the WB for disclosure and consultation purposes. - Disclose and consult upon the WB cleared version of the site specific ESMPs prior to the initiation of the tendering process. Following the consultations, update the site-specific ESMPs to incorporate the outcomes of the consultations and submit it to the WB's clearance for tendering purposes. - Ensure all tender, bidding and contract documents include relevant E&S management provisions and references to relevant E&S instruments (i.e. ESMPs, SEP, LMP, etc.). - Ensure site-specific ESMPs are annexed to the relevant tendering documents. • Train central and field staff, as well as contractors, on implementing the ESMF and associated plans. • Prior to commencement of civil works, review and approve C-ESMP, LM Plan and E&S sub-management plans to be prepared by the contractor and ensure their implementation throughout the duration of subproject implementation. - Visit and monitor E&S performance of construction sites monthly and maintain all correspondences with governmental authorities. - Establish and maintain a grievance mechanism and resolve complaints at all levels. - Notify the World Bank of any serious E&S incidents within 48 hours and provide incident reports with root cause analysis and corrective actions within 10 days. - Oversee the implementation and monitoring of environmental and social mitigation measures.

	- Maintain documentation of progress and prepare consolidated reports for submission to the World Bank on a quarterly basis.
Supervision Consultants (Construction)	• Overseeing daily implementation and monitoring of environmental, social and health and safety (ESHS) mitigation measures, and report progress and ESHS performance of the sub-projects to the implementing IPCU monthly. • Ensure contractors comply with legislation, site-specific ESMPs and relevant E&S sub-management plans. • Maintain one OHS specialist and one Environmental and Social Specialist with relevant certification and/or experience in charge of E&S management, in line with the implementation arrangements defined in the Supervision Consultant's Terms of Reference and the specific needs of the sub-project. • Daily on-site monitoring of the implementation of E&S mitigation measures will be carried out by the Contractor's designated E&S personnel and verified through regular site visits by the Supervision Consultant. The IPCU will exercise oversight through review of site records, supervision reports, and monthly consolidated E&S performance reports submitted in Section 5.1.c. of IRP ESMF. • Prior to commencement of any construction works on site, in coordination with IPCU, review and approve C-ESMP, LM Plan and E&S sub-management plans prepared by the contractor and ensure their implementation throughout the duration of subproject implementation. All approved documents will be submitted to IPCU within 5 business days. Any deficiencies or non-compliances identified by IPCU will be communicated to the contractor by the supervisor, and the contractor will be required to address them within 15 business days. • Provide training to contractors on E&S and OHS measures. • In close collaboration with the IPCU, ensure effective implementation of the SEP at the site level. • When/where relevant, address grievances received from the stakeholders. • Inform the IPCU about serious E&S (including OHS) incidents immediately.
Contractors	• Prior to commencement of any civil works prepare C-ESMP, LM Plan and relevant E&S sub-management plans and submit these documents to the IPCU for their review and approval. • Maintain full-one OHS specialist and one full-time Environmental and Social Specialist with relevant certification and/or experience in charge of E&S management throughout the construction period, in line with the staffing arrangements defined in the IRP ESMF and reflected in Table 1 and Table 3 of this ESMP. • Ensure implementation of and compliance with the Project's environmental and social mitigation measures as outlined in the C-ESMP, LM Plan and relevant E&S sub-management plans, and contract documents, and ensure adherence to national and local legislation. • Address construction-related grievances as per the GM procedure described in the Project SEP and escalate unresolved issues to Supervision Consultants/IPCU immediately. • Notify Supervision Consultant/IPCU through of any serious E&S incidents immediately. • Monitor site activities on daily basis and report on the E&S performance to supervision consultants/IPCU on monthly basis. • Provide regular training and capacity-building sessions for the workforce on, but not limited to, E&S risk management (labor rights and obligations under the LMP, Stakeholder engagement practices based on SEP requirements, ERP, OHS plan, community safety and traffic management plan, waste management plan, Code of Conduct, etc.)

7. Capacity Building and Training

The Contractor shall design and implement a structured training program for all project workers and relevant stakeholders. At a minimum, the following trainings will be delivered and repeated periodically:

- Environmental and Social Management & Occupational Health and Safety Induction Training – for all workers before starting site activities.
- Site Access and Orientation Training – including induction for visitors and orientation for newly mobilized workers.
- Traffic and Pedestrian Safety Training – covering movement of heavy vehicles, safe pedestrian crossings, and community-sensitive driving practices.
- Code of Conduct Training – addressing respectful workplace practices, sexual harassment prevention, and interaction with local communities.
- Gender-Based Violence (GBV), Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) Training – focusing on awareness, prevention, and survivor-centered response.
- Waste Management Training – segregation, storage, transport, and safe handling of construction and hazardous wastes.
- Emergency Preparedness and Response Training – including fire safety, evacuation drills, spill response, and first aid.
- Incident and Accident Reporting Training – procedures for immediate notification, root cause analysis, and corrective actions.
- Grievance Mechanism (GM) Training – how workers and community members can access and use the GM system.
- Stakeholder Engagement and Communication Training – for E&S staff and supervisors to ensure meaningful interaction with local communities.

The Contractor is responsible for organizing and financing these trainings, either internally or through external certified providers.

8. Implementation Schedule and Cost Estimates

An indicative cost schedule has been prepared for the mitigation and capacity building measures to be implemented throughout the Project.

Table 3 Indicative ESMP Implementation Budget[1]

Activity/Cost Item	Potential Cost (USD)
Full-time Environmental, Social & OHS Consultants	80.000,00 USD
Monitoring / Site Visits / C-ESMP Preparation	10.000,00 USD
Trainings, Awareness, Capacity Building	15.000,00 USD
Implementation of SEP & ESMP Measures	10.000,00 USD
Communicable Disease Prevention	5.000,00 USD
TOTAL	120.000,00 USD

[1] These indicative costs are covered under the Project budget and provided for planning purposes. Contractors shall reflect their own implementation costs in their bids.

9. Stakeholder Engagement and Grievance Mechanism

Stakeholder engagement is an inclusive and continuous process to be carried out throughout the Project lifecycle. It supports the establishment of strong, constructive, and responsive working relationships and is essential for the successful management of the Project's environmental and social (E&S) risks and impacts.

Within the scope of the Istanbul Resilience Project (IRP), a Stakeholder Engagement Plan (SEP) has been prepared to guide structured engagement with stakeholders, including the management and users of potentially affected or directly benefiting buildings. The SEP facilitates the management of stakeholder expectations and risks, helps reduce potential conflicts and delays, and ensures early, frequent, and transparent communication.

The SEP also establishes accessible and inclusive tools for affected people to raise concerns, suggestions, and grievances, enabling the Istanbul Project Coordination Unit (IPCU) and other responsible institutions to respond and manage issues effectively.

During project preparation, consultation meetings were organized with representatives from public institutions, local authorities, school administrations, teachers, parents, and community members. In these meetings, the Project's financing sources, objectives, components, and eligibility criteria for building selection were presented. The concerns, questions, and feedback of participants were documented and reflected in the SEP.

Following the disclosure of the draft version of this site-specific ESMP on 5 June 2026, an information and public consultation meeting was held on 18 June 2026 at 10:00 in relation to the Bağcılar Secondary School subproject. The meeting took place at Bağcılar Ziya Gökalp Secondary School in Bağcılar, Istanbul, and was organized in line with the stakeholder engagement and information disclosure standards of the IRP.

The invitation to the meeting was formally conveyed through the Provincial Directorate of National Education, as the beneficiary institution of the subproject, via an official letter presented in Annex 6. In addition, a public announcement was made through the IPCU's official website and to ensure broader stakeholder awareness and participation, as shown in Annex 7.

The consultation meeting was attended by representatives of the District Directorate of National Education, the neighborhood headman, and parents of students from the adjacent school. A total of 14 participants attended the meeting, comprising 9 women and 5 men, based on the participant list prepared for the event. The minutes of the meeting are provided as Annex 8 to this site-specific ESMP.

During the meeting, participants were informed about the IRP and the key environmental and social aspects of this site-specific ESMP. In addition, the IPCU architect and the design consultant presented the project visuals, including the site layout, building location, school access and circulation arrangements, floor plans, fire emergency escape routes, courtyard arrangements, and the relationship of the new school building with adjacent areas. The presentation also covered the new technical and resilience-enhancing features of the building, including self-sufficiency and sustainability measures to support the continued functionality of the school building during emergencies. The presentation materials used for the subproject-specific ESMP briefing and the Bağcılar Secondary School Reconstruction Project Design presentation are provided in Annex 9 and Annex 10, respectively. Photographs taken during the information and consultation meeting are presented in Annex 11.

Participants raised a range of questions, comments, and suggestions primarily related to the active electrical transformer located within the project site boundaries, natural daylight and ventilation conditions in basement-level educational spaces, fire emergency escape routes, use of the school yard, possible future dual use of the facility as both a primary and secondary school, security and unauthorized

public use risks in areas behind the school building, the suitability of the area shown as a secondary exit, and potential construction-related impacts on students of the adjacent school.

Specific concerns raised during the consultation included the safe management of the existing transformer during construction, the adequacy of daylight and ventilation in basement-level classrooms, compliance of emergency escape routes with fire safety requirements, and possible construction-related risks for students of the adjacent school. In response, it was explained that the transformer has been considered in the current design and will be protected during construction, basement-level educational spaces have been designed to receive adequate daylight and ventilation due to the site's topographical conditions, and independent fire emergency evacuation routes have been integrated into the design in compliance with national fire protection regulations. It was also clarified that the construction site will be fully secured and enclosed, workers will be required to comply with the Code of Conduct, and the grievance mechanism will remain available to address any complaints during construction.

Further comments concerned the functional use of the school yard, including the request to remove the outdoor basketball court to expand the yard in support of the transition to single-shift education. Concerns were also raised regarding potential unauthorized public use of the setback area behind the school building and the suitability of the area shown as a secondary exit, which was described as a dead-end street leading to the mosque. These comments were noted by the design consultant. It was clarified that the area behind the school building falls outside the project boundary and is under municipal responsibility, while the portion allocated for project use will be utilized in line with applicable procedures. The project zoning plan and the secondary exit issue will be further reviewed by the design consultant and discussed with Bağcılar Municipality.

Clarifications were also provided regarding the coordination already undertaken with the municipality, the necessary approvals and permits obtained for the current design, and the project's compliance with relevant safety and educational facility requirements. Overall, the feedback reflected a focus on ensuring student safety, appropriate site access and circulation, effective use of the school yard, and secure implementation of construction activities in coordination with the relevant institutions.

The key issues raised during the consultation were systematically assessed by the project team and, where relevant and technically feasible, incorporated into the project approach and final design considerations. All questions were addressed during the meeting by the project team and the design consultant, with explanations provided in line with applicable regulations, institutional responsibilities, safety requirements, municipal coordination, and project scope. Where appropriate, follow-up actions—such as consideration of the outdoor basketball court removal request during the ongoing design review process, review of the project zoning plan and discussion of the secondary exit issue with Bağcılar Municipality, and monitoring of the contractor's Code of Conduct and grievance mechanism during construction—were defined to support continued coordination during the design and implementation stages. Overall, no objections to the subproject were expressed, and stakeholders demonstrated general support for the reconstruction, particularly acknowledging the importance of ensuring site safety, student protection, fire safety compliance, municipal coordination, and functional use of the school yard.

Attendance sheets and participant records were collected with wet signatures and are securely archived by the IPCU in compliance with the Law on the Protection of Personal Data (KVKK). These records are retained solely for project documentation, monitoring, and audit purposes and are not publicly disclosed.A dedicated Grievance Mechanism has been established to ensure that any grievances or requests related to subprojects financed under the IRP —raised by contractors, supervision staff, building users, or the community—are addressed in a timely, effective, and fair manner. The GM operates through multiple accessible channels, as detailed below:

Project-Specific Channels (IPCU)

- **Hotline (phone):** +90 (216) 505 55 00 (during working hours)
- **E-mail:** *info@ipkb.gov.tr*

- **Postal Address:** Istanbul Project Coordination Unit (IPCU), Kısıklı Mah. Alemdağ Yan Yolu Cad. No:6, 34692 Üsküdar/İstanbul
- **In-person:** Stakeholders may visit IPCU offices during working hours
- **Online Grievance/Suggestion Form:** *https://www.ipkb.gov.tr/sikayet-formu/*
- **Social Media Channels:**
  - Twitter: *https://x.com/ipkbgovtr*
  - Facebook: *https://www.facebook.com/ipkbgovtr*
  - Instagram: *https://www.instagram.com/ismepipkb/*
  - LinkedIn: *https://www.linkedin.com/company/ipkb*
  - YouTube: *https://www.youtube.com/user/IPKBirimi*
- **On-site Complaint/Suggestion Boxes:** These will be established at project sites and IPCU offices, once activities commence on site, ensuring anonymity and confidentiality.

National Channels

- **CİMER (Presidency's Communication Center):**
  - Website: *www.cimer.gov.tr*
  - Call Center: 150
  - Phone: +90 (312) 590 20 00
  - Fax: +90 (312) 473 64 94
  - Mail: Presidency of the Republic of Türkiye Directorate of Communications
  - In-person: Through provincial/district governorates and ministries
- **YİMER (Foreigners Communication Center):**
  - Website: *www.yimer.gov.tr*
  - Call Center: 157
  - Phone: +90 (312) 157 11 22
  - Fax: +90 (312) 920 06 09
  - E-mail: yimer@goc.gov.tr
  - In-person: At Directorate General of Migration Management offices
- **Istanbul Metropolitan Municipality (IMM) – White Desk (Beyaz Masa):**
  - Hotline: 153 (within Istanbul)
  - Online: *https://beyazmasa.ibb.gov.tr/*

World Bank Channels

- **World Bank Grievance Redress Service (GRS):**

  Project-affected people may submit complaints directly to the GRS if they believe they are adversely affected by a World Bank-financed project.
  - Website:*https://www.worldbank.org/en/projects-operations/products-and-services/grievance-redress-service*

- **World Bank Inspection Panel:**

  Communities and individuals who believe that they are or may be harmed by a project due to the World Bank's non-compliance with its policies may submit a complaint to the Inspection Panel. The Panel independently determines whether harm has occurred and communicates directly with the Bank.

All grievances received through these channels will be recorded, tracked, and responded to in accordance with the Project's Grievance Mechanism Procedures. Roles and responsibilities for managing grievances are described in detail in Section 7 of the SEP**.**

10.Contractor's Reference Documents

The Contractor is expected to utilize all Environmental and Social (E&S) documents prepared under the Istanbul Resilience Project (IRP). Following contract award, the Contractor shall further develop and customize this site-specific Environmental and Social Management Plan (ESMP), which has been prepared in outline by the IPCU experts for the respective subproject.

In addition to the C-ESMP, the Contractor shall prepare and submit site-specific sub-management plans as defined in Section 5 of this ESMP, based on the templates provided in the ESMF annexes.

These plans shall be prepared and submitted to the IPCU for review and approval prior to the commencement of construction activities.

All relevant template documents can be accessed through the IRP Environmental and Social Management Framework (ESMF) and its annexes (*see IRP ESMF*), which serve as reference documents for the Contractor.

11.Review and Approval

<table>
<tr><td colspan="2">PREPARED BY: Hande GÜLCAN
IPCU - Environmental Engineer, MSc
Date: 05/06/2026</td></tr>
<tr><td>REVIEWED BY: Aslıhan AL
IPCU – Urban Planner/Social Specialist
Date: 05/06/2026</td><td>APPROVED BY: Burak REİS
IPCU - E&S Team Leader
Date: 05/06/2026</td></tr>
</table>

ANNEXES

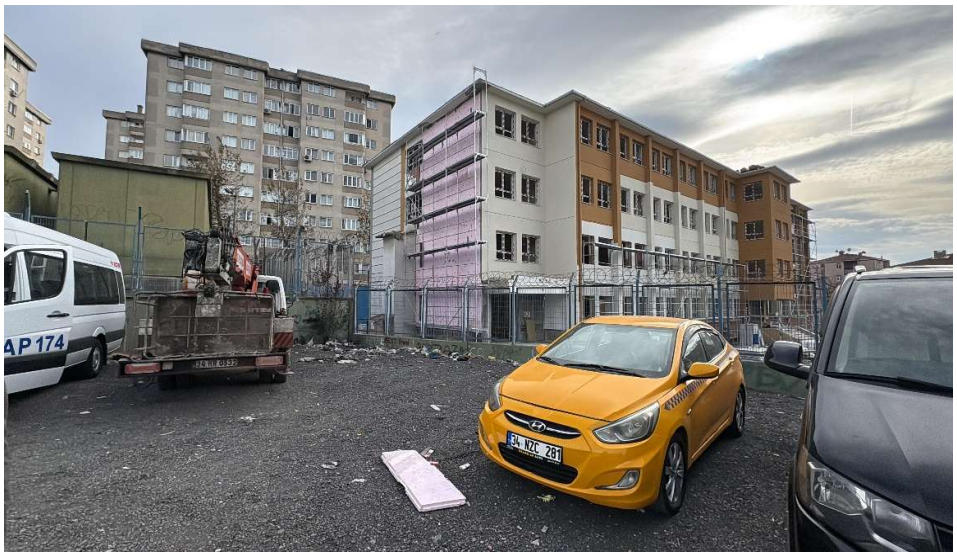
Annex 1. Site Photographs

Photos 1-2: Project Area

Photos 3-4: Project Area

Photos 5-6: Project Area

Photos 7-8: Project Area



Photos 9-10: Project Surrounding Area

Photos 11: Project Surrounding Area / Transformer

Annex 2. Aerial View of the Project Site and Surroundings

Bağcılar Secondary School Area of Influence

Annex 3. Land Registration Documents

TAŞINMAZA AİT TAPU KAYDI (Aktif Malikler için Detaylı - ŞBİ var)

Zemin Tipi	: Ana Taşınmaz	Ada/Parsel	: 1962/33
Zemin No	: 46946609	Yüzölçüm	: 11.303,07 m2
İl / İlçe	: İSTANBUL/BAĞCILAR	Ana Taş. Nitelik	: ARSA
Kurum Adı	: Bağcılar TM		
Mahalle / Köy Adı	: MAHMUTBEY Köyü		
Mevkii	:		
Cilt / Sayfa No	: 212 / 20967		
Kayıt Durum	: Aktif		

tk101324

TAŞINMAZ ŞERH / BEYAN / İRTİFAK

Ş/B/İ	Açıklama	Malik / Lehdar	Tarih - Yevmiye	Terkin Sebebi - Tarih - Yev
Beyan	MESLEK LİSESİ YERİ OLARAK AYRILMIŞTIR 01/03/1989 TARİH 962	MİLLİ EĞİTİM BAKANLIĞI	01/03/1989 - 962	--

MÜLKİYET BİLGİLERİ

Sistem No	Malik	Elbirliği No	Hisse Pay/Payda	Metrekare	Edinme Sebebi - Tarih - Yev.	Terkin Sebebi - Tarih - Yev.
266250688	MALİYE HAZİNESİ		TAM	11.303,07	Kamu Kurumlarının Bedelsiz Devri - 15/04/2014 - 8660-	- -

Ş/B/İ	Açıklama	Malik / Lehdar	Tarih - Yevmiye	Terkin Sebebi - Tarih - Yev.
Beyan	Diğer (Konusu: -MİLLİ EĞİTİM BAKANLIĞI NIN MUVAFAKATI ALINMADIKÇA SATILAMAZ VE BAŞKA HİZMETLERE TAHSİS OLUNAMAZ.) Tarih: 0 Sayı: 0 (Başlama Tarih:22/04/2014 Süre:)	İSTANBUL İL ÖZEL İDARESİ	15/04/2014 - 8660	--

* Tesis edilen şerhler ve beyanlar salt elektronik ortamda tutulmaktadır.

Raporlayan: tk101324
Hasan BİNGÖL
Kaydına Uygundur
19.12.2018

Rapor Tarihi / Saati : 19.12.2018 13:25

1

Annex 4.Topographic Survey

T.C.
BAĞCILAR BELEDİYESİ
İmar ve Şehircilik Müdürlüğü
Sayı: 3465525

ADI ve SOYADI : MALİYE HAZİNESİ
Adres :
15.03.2023 tarih ve 3465525 sayılı yazıya / ~~dilekçeye~~ istinaden düzenlenmiştir.

KOT - KESİT RÖLÖVESİ

* 15.03.2023 tarihli ve E-83460834-702.99-72332227 sayılı Bağcılar Kaymakamlığı, İlçe Milli Eğitim Müdürlüğü yazısına istinaden düzenlenmiştir.
* Kot değerleri halihazır haritadan alınmıştır.

N

Kroki

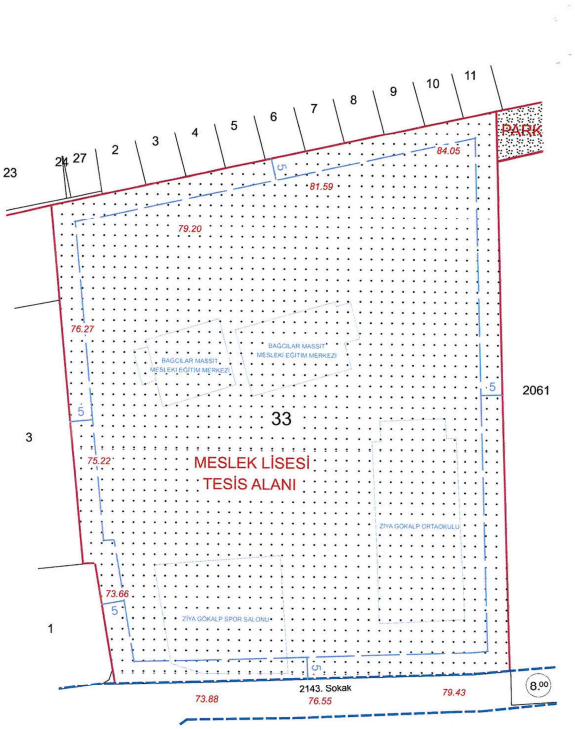
Kroki ektedir

İlçesi	BAĞCILAR	Nivelman Noktası (RS)	RS No. su	--	Gabari Tarih ve No. su	--
Mahallesi	100.YIL		Kot Değeri	İtibari	Plan Ölçeği	1 / 1000
Cadde veya Sokağı	2143. SOKAK	İmar Durumunun Tarihi ve No. su	28.03.2023 3465726		Kesit Ölçeği	--

Kadastro	Pafta	Ada	Parsel	Alan	NOT:
	246DT4C	1962	33	11303.07	

Teknik Eleman	Kont. Müh.	Müdür
Ç. GÖKTAŞ	İ. OKTAR	M. Doğan ARSLAN
..../...../2023	..../...../2023	..../...../2023
* Elektronik imzalanmıştır.	* Elektronik imzalanmıştır.	* Elektronik imzalanmıştır.

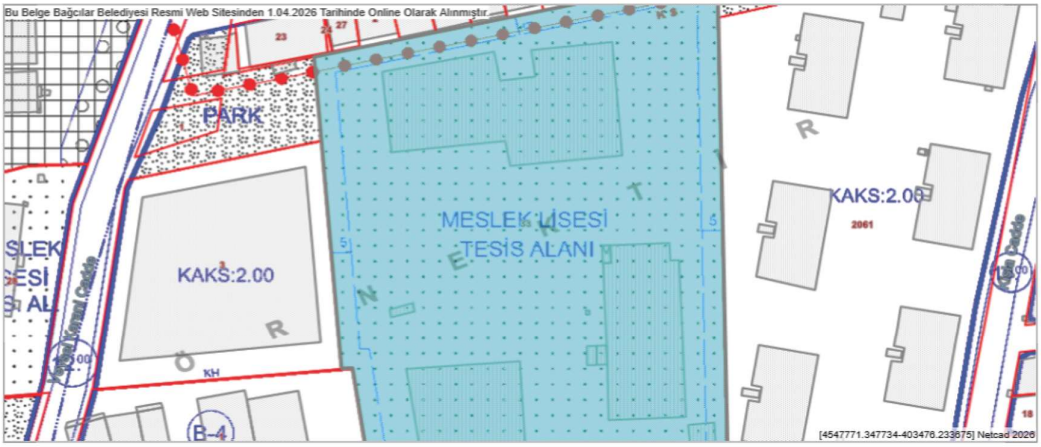
FORM NO: HAMF. 751.09 01072002-0



Annex 5. Zoning Status Letter

T.C. BAĞCILAR BELEDİYESİ
İMAR VE ŞEHİRCİLİK MÜDÜRLÜĞÜ

1 - Mer'i İmar Planı ve mevzuatına uygun olarak boş arsa için inşaat şartları aşağıda gösterildiği şekilde tanzim edilerek imar durumu ile yalnız proje tanzim edilebilir, inşaat yapılamaz. Bu imar durumunun süresi 1 yıl olup, imar planında ve mevzuatında bir değişiklik olması halinde hiçbir hak iddia edilemez.
2 - Yapı ruhsatı müracaatı esnasında İSKİ'den alınacak tasdikli fosseptik veya kanal projesi, ısı yalıtım projesi ve raporu, zemin etüd raporu, itfaiye onayı, Kadastro Müdürlüğünden alınacak röperli kroki, bloğun çekme mesafelerini gösterir inşaat istikamet rölevesi, tabii zemin ve yol kotları gösterir kot-kesit rölevesi, gerekli görüldüğü takdirde muhtelif en-boy kesitleri mimari ve statik projelere eklenecektir.
3 - İMAR UYGULAMASINA İLİŞKİN GENEL HÜKÜMLER
3.1. Parselin yüz aldığı yol imar kanunun 23. maddesine tabi olup, Müdürlüğünden ilişiği kesilmeden uygulama yapılamaz.
3.2. Afet bölgelerinde yapılacak yapılar hakkında yönetmelik ile yürürlükteki İstanbul İmar Yönetmeliği, Otopark ve Sığınak Yönetmeliklerine göre uygulama yapılacaktır.
3.3. Yola terk ve kamuya ayrılan kısımlar kamu eline geçmeden uygulama yapılamaz.
3.4. Belirlenemeyen yol genişlikleri ile kadastral sınırlar göz önünde bulundurularak, terk, satın almalar ve blok ebatları inşaat istikametrölevesi belirlenecektir.
3.5. İlgilisinin sunduğu evraklara, uygulama imar planına ve imar planı notlarına göre tanzim edilmiş olan imar durumu, yapılanma şartlarını göstermekte olup söz konusu parselin kapsayan, ifraz işlemlerinden kaynaklanan ve imar uygulamalarını etkileyen işlemler 18. madde uygulama bürosunun sorumluluğundadır.
3.6. Zemin Etüdü yapılmadan uygulama yapılamaz.



Mer'i İmar Planı	1/1000 ÖLÇEKLİ BAĞCILAR UYGULAMA İMAR PLANI
Fonksiyon	Kısmen Konut Alanı / Kısmen Mesleki Ve Teknik Öğretim Tesisi Alanı / Kısmen Konut Alanı
Jeoloji	Açıklama

Tasdik Tarihi	15.09.2008 00:00:00
Ölçeği	1/1000
İlçe	BAĞCILAR
Mahalle	100.YIL

Pafta	F21-C-18-D-4-A
Ada	1962
Parsel	33
Hesap Alanı	11307.17 m²

Bina Yüksekliği	-
Ön Bahçe	-
Yan Bahçe	-
Arka Bahçe	-
Bina Derinliği	-

Kat Adedi	-
İnşaat Nizamı	-
T.A.K.S	-
K.A.K.S (Emsal)	- (-)
Kot Alınacak Nokta	-

Açıklama	BİLGİLER TEK FONKSİYONA AİTTİR. DİĞER FONKSİYONLARA İLİŞKİN BİLGİLER İÇİN İMAR MÜDÜRLÜĞÜ'NE BAŞVURUNUZ.
Kısıtlama	
Tadilat Notu	
Dönüşüm Notu	2061
Tadilat Onay Tarihi	

KADASTRO PARSEL KONUM BİLGİSİ	
Projeksiyon:	ITRF96, Transvers Merkator (TM), Dilim Genişliği=3°, D.O.M=30° Harita
Kartezyen Koordinat	SAĞA (Y) = 403408.29m - YUKARI (X) = 4547726.75m
Coğrafi Koordinat	41°3'31.266" N 28°51'3.374" E Google Maps Yandex Maps OpenStreet Maps
MEGSİS Parsel	TKGM|Parsel Sorgu

YALNIZCA BİLGİ AMAÇLIDIR
Herhangi bir resmi işlem için kullanılamaz
Bu belge 01.04.2026 tarihinde hazırlanmıştır.

netcad

Annex 6. Official Invitation Letter for the Public Information and Consultation Meeting

T.C.
İSTANBUL VALİLİĞİ
İstanbul Proje Koordinasyon Birimi

Sayı : IPKB/IRP/2026- ..../..../2026
Konu : Bağcılar Ortaokulu
Çevresel ve Sosyal Yönetim Planı
Paydaş Bilgilendirme ve İstişare Toplantısı

İSTANBUL İL MİLLİ EĞİTİM MÜDÜRLÜĞÜNE

Birimimiz tarafından 2006 yılından bu yana İstanbul Sismik Riskin Azaltılması ve Acil Durum Hazırlık Projesi (İSMEP) yürütülmektedir. Bu süre zarfında İstanbul Proje Koordinasyon Birimi (İPKB), olası bir deprem durumunda kamu yapılarının risklerini azaltmayı hedeflemiş ve Türkiye Hazinesi katkılarıyla projeye dış finansman sağlayarak deprem hazırlık çalışmalarını sürdürmektedir.

Bununla birlikte, günümüzde iklim değişiklikleri ve yaşanan diğer büyük felaketlerden çıkarılan dersler, şehirlerin afet hazırlıklarını daha bütüncül bir yaklaşımla ele alma gerekliliğini ortaya koymuştur. Bu doğrultuda İPKB, Dünya Bankası ile iş birliği içinde "İstanbul Dirençlilik Projesi (IRP)"ni geliştirerek uluslararası standartlara uygun bir risk azaltma ve dirençlilik çerçevesi sunmayı hedeflemektedir.

Bu kapsamda, İstanbul Dirençlilik Projesi'nin "Çevresel ve Sosyal Yönetim Çerçevesi (ÇSYÇ)"nin nasıl uygulanacağına dair bir bilgilendirme ve değerlendirme toplantısı, ilgili kurumların katılımlarıyla, 25 Şubat 2025 tarihinde düzenlenmiştir. Bu süreçte IRP kapsamında yeniden yapımı gerçekleştirilecek olan Bağcılar Ortaokulu için Paydaş Bilgilendirme ve İstişare Toplantısı, 18.06.2026 tarihinde saat 10.00'da 100. Yıl, 8. Sk. No:6, 34204 Bağcılar/İstanbul adresinde bulunan Bağcılar Ziya Gökalp Ortaokulu'nda gerçekleştirilecektir. Bağcılar Ortaokulu taslak sahaya-özel Çevresel ve Sosyal Yönetim Planı www.ipkb.gov.tr web sitemiz üzerinde aşağıdaki bağlantı adresinde tüm taraflarca değerlendirilmek üzere paylaşılmıştır.

https://www.ipkb.gov.tr/e-kutuphane/cevre-ve-sosyal-dokumanlar/

Söz konusu toplantıya, Bağcılar Ortaokulu çalışanlarının, öğrenci velilerinin ve ilgili muhtarlık aracılığıyla okul çevresinde yaşayan mahalle sakinlerinin katılım sağlaması büyük önem taşımaktadır. Bu çerçevede, 18.06.2026 tarihinde saat 10.00'da 100. Yıl, 8. Sk. No:6, 34204 Bağcılar/İstanbul adresinde bulunan Bağcılar Ziya Gökalp Ortaokulu'nda gerçekleştirilecek "Paydaş Bilgilendirme ve İstişare Toplantısı"na iştirak edilmesi hususunda gereğini arz ederim.

Yalçın KAYA
Direktör

T.C. İSTANBUL VALİLİĞİ İPKB İSTANBUL PROJE KOORDİNASYON BİRİMİ
Kısıklı Mah. Alemdağ Yan Yolu Cad. No:6 34692 Üsküdar/İSTANBUL
Tel: 0 (216) 505 55 00 Faks: 0 (216) 225 04 85
info@ipkb.gov.tr www.ipkb.gov.tr

Annex 7. Public Announcement of the Consultation Meeting

A. Web Site Announcement

B. Instagram Announcement

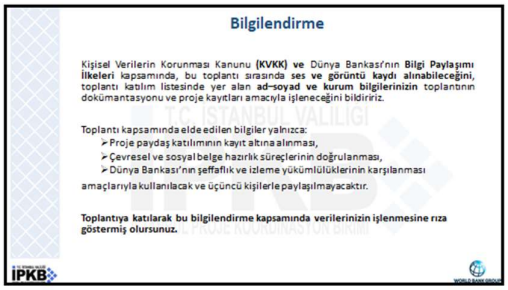
Annex 8. Minutes of the Public Information and Consultation Meeting

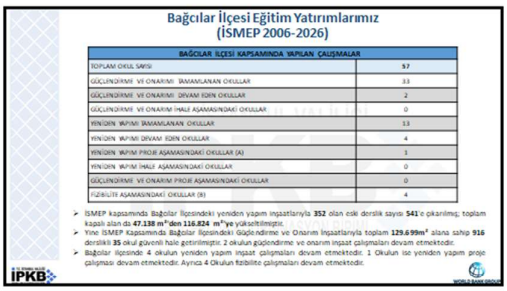
Stakeholder (Group or Individual)	Dates of Consultations	Summary of Feedback	Response of Project Implementation Team	Follow-up Action / Next Steps
District Directorate of National Education	18.06.2026	It was asked about the status and safety operational protocols regarding the active electrical transformer located within the project site boundaries during construction.	It was explained that the existing transformer is being preserved within the current design and will be protected to the maximum extent feasible throughout the construction period. The building layout has been developed in compliance with the required minimum distances from the transformer and associated high-voltage infrastructure.	-
District Directorate of National Education	18.06.2026	It was asked regarding the availability of natural daylight in the computer laboratories and workshop classrooms located on the basement floor.	It was clarified that due to the topographical elevation differential of the site, these basement levels are architecturally optimized to receive adequate natural daylighting and ventilation, satisfying educational environment standards.	-
District Directorate of National Education	18.06.2026	It was asked about the capacity and compliance of fire emergency escape routes in the event that the facility is dual-utilized as both a primary and secondary school in the future.	The design consultant demonstrated via design drawings that independent fire emergency evacuation routes and exits are integrated into the architectural scheme. All life safety and evacuation networks strictly comply with current national fire protection regulations.	-
District Directorate of National Education	18.06.2026	It was requested the removal of the outdoor basketball court from the design layout to expand the school yard. It was emphasized the	The request was noted by the design consultant and will be taken into consideration during the ongoing design review process.	-

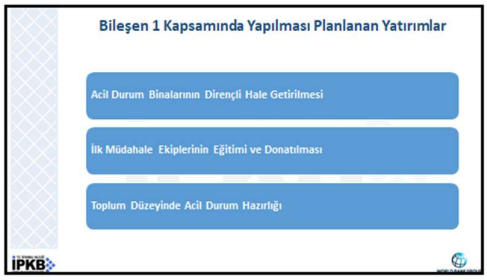
		site's critical role in line with the Government's policy of transitioning to single-shift education.		
Headman	18.06.2026	It was expressed concern that setback area behind the school building could attract unauthorized public use, leading to noise and security issues.	It was clarified that the area in question falls outside the project boundary and is therefore not under the responsibility of the project. The District Directorate of National Education emphasized that the management of this area does not fall within the Governorate's responsibility. It was explained that only the portion allocated for project use would be utilized, while the remaining area is under the responsibility of the municipality, in accordance with the applicable procedures.	-
Headman	18.06.2026	It was stated that the area shown as a secondary exit in the design is a dead-end street leading to the mosque.	The comment was noted by the design consultant and will be further reviewed. It was explained that the current site layout includes an asphalt access road and waste container locations within this area. It was further stated that the design has been developed in coordination with the municipality and has received the necessary approvals and permits.	The design consultant will review the project zoning plan and the proposed secondary exit arrangement, and the issue will be further discussed with Bağcılar Municipality, as needed.
School Parents from the Adjacent School	18.06.2026	It was expressed concerns by parents of students at the adjacent school regarding whether the ongoing construction	It was explained that a Code of Conduct will be implemented for all workers. The construction site will be fully secured and enclosed within defined boundaries. In	Monitoring the implementation of the contractor's Code of Conduct and management of Grievance Mechanism.

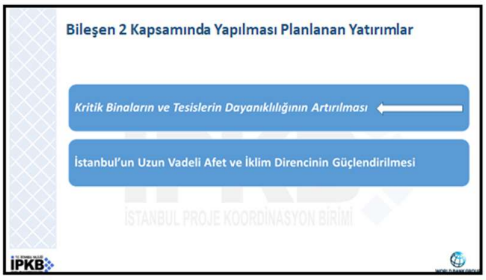
		activities would affect their children.	addition, a grievance mechanism will be established and functional to address any complaints that may arise during construction activities.	

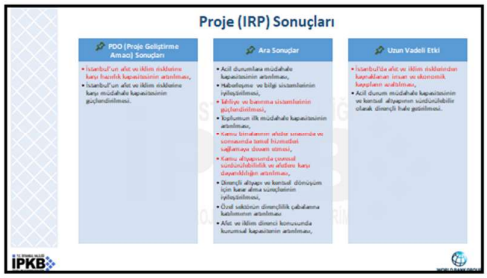
Annex 9. Site-Specific ESMP Presentation Materials






Bileşen 1 Kapsamında Yapılması Planlanan Yatırımlar
Acil Durum Binalarının Dirençli Hale Getirilmesi
İlk Müdahale Ekiplerinin Eğitimi ve Donatılması
Toplum Düzeyinde Acil Durum Hazırlığı
İPKB


Bileşen 2 Kapsamında Yapılması Planlanan Yatırımlar
Kritik Binaların ve Tesislerin Dayanıklılığının Artırılması
İstanbul'un Uzun Vadeli Afet ve İklim Direncinin Güçlendirilmesi
İPKB


Proje (IRP) Sonuçları
PDO (Proje Geliştirme Amacı) Sonuçları
Ara Sonuçlar
Uzun Vadeli Etki
İPKB


Çevresel ve Sosyal Yönetim Gerekliliği
Projenin ana faaliyeti olan inşaat çalışmaları sırasında;
Bu kapsamda;
İPKB


Dünya Bankası Çevre ve Sosyal Standartları (ÇSS)
ÇSS1 Çevresel ve Sosyal Risklerin ve Etkilerin Değerlendirilmesi ve Yönetilmesi
ÇSS2 İşgücü ve Çalışma Koşulları
ÇSS3 Kaynak Verimliliği, Kirliliğin Önlenmesi ve Yönetimi
ÇSS4 Toplum Sağlığı ve Güvenliği
ÇSS5 Arazi Edinimi, Arazi Kullanımına İlişkin Kısıtlamalar ve Gönülsüz Yeniden Yerleşim
ÇSS6 Biyoçeşitliliğin Korunması ve Yaşayan Doğal Varlıkların Sürdürülebilir Yönetimi
ÇSS7 Yetersiz Hizmet Alan Geleneksel Yerel Topluluklar (Yerli Halklar, Sahra Altı Afrika)
ÇSS8 Kültürel Miras
ÇSS9 Finansal Aracılar
ÇSS10 Paydaş Katılımı ve İstişare
İPKB


Dünya Bankası Çevresel ve Sosyal Standartları (ÇSS)
ÇSS1 Çevresel ve Sosyal Risklerin ve Etkilerin Değerlendirilmesi ve Yönetilmesi
ÇSS2 İşgücü ve Çalışma Koşulları
ÇSS3 Kaynak Verimliliği, Kirliliğin Önlenmesi ve Yönetimi
ÇSS4 Toplum Sağlığı ve Güvenliği
ÇSS10 Paydaş Katılımı ve İstişare
İPKB


Dünya Bankası Çevresel ve Sosyal Standartları
Banka, çevresel ve sosyal prosedürlerin bir parçası olarak tüm projeleri dört sınıflandırmadan birine tabi tutmaktadır: Yüksek Risk, Önemli Risk, Orta Risk ve Düşük Risk.
Uygun risk sınıflandırmasını belirlerken Banka şu konuları dikkate alır:
Projenin türü, yeri, hassasiyeti ve ölçeği;
Potansiyel çevresel ve sosyal risklerin ve etkilerin niteliği ve büyüklüğü;
Kredi kullanıcısının çevre ve sosyal riskleri ve etkileri Çevre ve Sosyal Standartlarla tutarlı bir şekilde yönetme kapasitesi ve taahhüdü.
İPKB

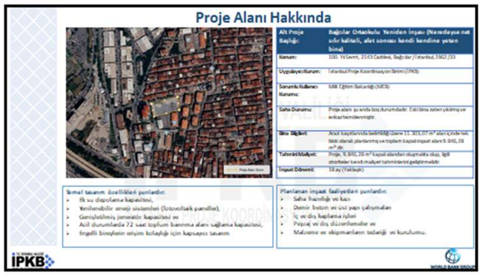

Yayınlanan IRP Ç&S Dokümanlar
Paydaş Katılım ve İstişare Toplantılarında Nihai versiyonları oluşturulmuş ve Onaylanmış Çevre ve Sosyal dokümanlar Türkçe ve İngilizce olarak www.ipkb.gov.tr sitemizde 03.05.2025 tarihinde tüm ilgili tarafların erişebilmesi için paylaşılmıştır.
ÇSTP
Çevre ve Sosyal Taahhüt Planı
ÇSYÇ
Çevre ve Sosyal Yönetim Çerçevesi
İYP
İşgücü Yönetim Prosedürleri
PKP
Paydaş Katılım Planı
İPKB


Yeniden Yapım Projesi Hakkında
Bağcılar Ortaokulu yeniden yapım projesi;
Bileşen 2: Kritik Binaların ve Tesislerin Dayanıklılığının Artırılması kapsamında finanse edilecek alt projelerden biri olarak seçilmiştir.
Proje Hedefi
Okulu en yüksek sismik ve iklim dirençlilik standartlarına göre yeniden inşa etmek
Afetler sonrası ilk 72 saat temel hizmetleri (elektrik, su, yiyecek ve iletişim) sağlayabilen kendi kendine yeten bir barınma olarak donatmak
Acil müdahale kapasitesinin desteklenmesi ve eğitimin sürekliliğinin sağlanmasına katkıda bulunmak
İPKB

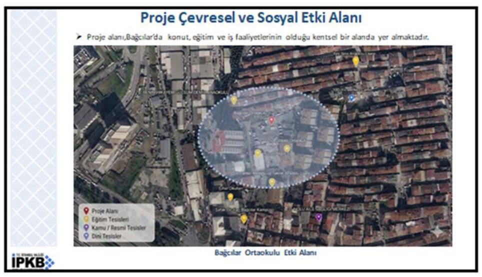

İPKB Görev ve Sorumlulukları
Genel Proje Yönetimi ve Uygulama
Paydaş Katılımı ve İletişim
Çevresel ve Sosyal Yönetim
Teknik ve Finansal Süreçlerin Yönetimi
Şikayet Mekanizmasının İşletilmesi
Eğitim ve Kapasite Geliştirme
İPKB


İlgili Kamu Kurum ve Kuruluşlarının Proje Kapsamındaki Genel Sorumlulukları
İPKB ile yakın koordinasyon içinde çalışarak planlamaların eksiksiz yürütülmesini sağlamak,
İnşaat projelerinde diğer varsa ana sorumlunun gözetlemek, yer teslimlerini zamanında yapmak, proje sonunda kalıcı emniyet ve altyapı bağlantılarının yapılması,
Proje uygulamasına yönelik gerekli belge ve dokümantasyonun (Teknik Şartname, Görevlendirmeler, Yaklaşık Maliyet vb) eksiksiz sağlanması,
Paydaşlardan gelen geri bildirimlerin ve şikayetlerin İPKB'ye iletilmesini sağlamak,
Afet sonrası geçici barınma alanlarının kurulumu ve işletilmesi,
Kamu binalarının ve altyapının afet sonrası kullanıma hazır hale getirilmesi,
Sistemlerin periyodik bakım ve onarımlarının yaptırılarak sistemin verimli çalışmasını sağlanması.
İPKB


BAĞCILAR ORTAOKULU YENİDEN YAPIM İŞİ
İPKB Ç&S YÖNETİM SORUMLULUKLARIMIZ
(i) Projenin tüm yaşam döngüsü boyunca, projeye ilişkin tüm görsel materyaller, broşürler, Şikayet Mekanizması (ŞM) bilgileri ve dokümantasyon (Çevresel ve Sosyal dokümanlar dâhil olmak üzere) tüm paydaşların erişimine açık olacak şekilde İPKB web sayfası üzerinden kamuoyuyla paylaşılacaktır.
(ii) Bu taahhüt, Paydaş Katılım Planı (PKP) ve projeyle ilgili diğer dokümanlarda tanımlanan proje standartlarına tam uyum içinde yerine getirilecektir.
(iii) İstanbul Proje Koordinasyon Birimi'nin (İPKB) temel sorumluluğu, söz konusu proje standartlarına tam uygunluk sağlayacak şekilde, bu şeffaf ve tutarlı bilgi paylaşım sürecini aktif olarak temin etmek ve sürdürmektir.
İPKB


Proje Alanı Hakkında
Alt Proje Başlığı: Bağcılar Ortaokulu Yeniden İnşası (Neredeyse net sıfır kaliteli, afet sonrası kendi kendine yeten bina)
Konum: 100. Yıl Semti, 2143 Caddesi, Bağcılar / İstanbul, 1962 /33
Uygulayıcı Kurum: İstanbul Proje Koordinasyon Birimi (İPKB)
Sorumlu Kullanıcı Kurumu: Milli Eğitim Bakanlığı (MEB)
Saha Durumu: Proje alanı şu anda boş durumdadır. Eski bina zaten yıkılmış ve enkaz temizlenmiştir.
Bina Bilgileri:
Tahmini Maliyet:
İnşaat Dönemi: 18 ay (Yaklaşık)
Temel tasarım özellikleri şunlardır:
Ek su depolama kapasitesi,
Yenilenebilir enerji sistemleri (fotovoltaik paneller),
Genişletilmiş jeneratör kapasitesi ve
Acil durumlarda 72 saat toplum barınma alanı sağlama kapasitesi,
Engelli bireylerin erişim kolaylığı için kapsayıcı tasarım
Planlanan inşaat faaliyetleri şunlardır:
Saha hazırlığı ve kazı
Demir beton ve üst yapı çalışmaları
İç ve dış kaplama işleri
Peyzaj ve dış düzenlemeler ve
Malzeme ve ekipmanların tedariği ve kurulumu.
IPKB
WORLD BANK GROUP


ÇEVRESEL VE SOSYAL ETKİ TARAMASI - Proje Alanı
PROJE ALANI
Eski yapısal olarak zayıf bina yıkıldığı için alan şu anda boştur.
IPKB

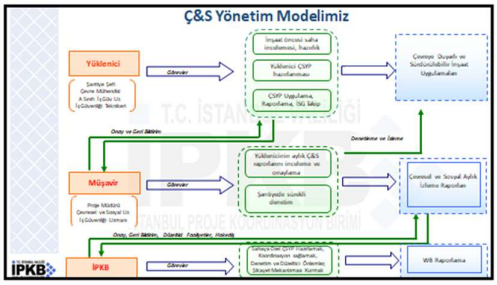

Proje Çevresel ve Sosyal Etki Alanı
Proje alanı,Bağcılar'da konut, eğitim ve iş faaliyetlerinin olduğu kentsel bir alanda yer almaktadır.
Proje Alanı
Eğitim Tesisleri
Kamu / Resmi Tesisler
Dini Tesisler
Bağcılar Ortaokulu Etki Alanı
IPKB


ÇEVRESEL VE SOSYAL ETKİ TARAMA SONUÇLARI
Kentsel konum
Ağırlıklı olarak kentsel bir alandadır.
Proje alanı
Yakın çevrede, konut, eğitim ve iş faaliyetleri yoğundur.
Kamu mülkiyeti
Arazi mülkiyeti kamuya ait olup Milli Eğitim Bakanlığı'na tahsislidir.
Sosyo-Ekonomik Etki
Yerel ticari faaliyetler ve topluluk geçim kaynakları üzerinde olumsuz bir etki beklenmemektedir.
Mevcut altyapı
Temiz su, atık su, elektrik ve ulaşım ağları halihazırda sahada mevcuttur ve proje için tam yeterlidir.
Yatırım İhtiyacı
Yeni bir altyapı yatırımı veya mevcut sistemlerde kapasite artırımı ihtiyacı bulunmamaktadır.
Proje Niteliği
Proje, mevcut kullanım amacına uygun şekilde yeniden yapım projesidir.
Saha, teknik altyapı ve mülkiyet açısından projenin hızlıca başlatılması için uygun olup, hassas alıcılarla olan etkileşim, kentsel doku içerisinde sınırlı ve yönetilebilir seviyededir.
IPKB

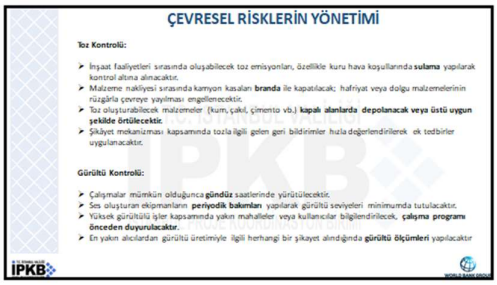

İnşaat Faaliyeti Başlıca Çevre Riskleri
Projenin başlıca çevresel risklerinin inşaat işleri ile ilgili tipik riskler ve etkiler olması beklenmektedir.
Toz ve Emisyon: İnşaat kaynaklı toz ve parçacık maddeler
Gürültü Kirliliği: Ağır makine ve araç kaynaklı gürültü yönetimi
Titreşim Etkisi: Ekipman çalışması kaynaklı yapısal hassasiyet, titreşim etkileri
Atık Yönetimi: Tehlikeli ve tehlikesiz atık üretimi ve bertarafı
Kimyasal Kirlilik: Atık yağ ve solvent dökülme riskleri
Lojistik Kirlilik: Hafriyat taşıma faaliyetleri sırasında toz ve çamur taşınması
Erozyon Riski: Kazı çalışmaları ve yüzey suyu akışının değişmesi sonucu toprak kayması
Drenaj Sorunları: Sahalarda geçici su birikimi ve drenaj
İş Kazaları: Yangın, kimyasal sızıntı veya doğal afet riskleri
Çevre kazaları: Tehlikeli madde depolama ve bertaraf süreçleri
IPKB


İnşaat Faaliyeti Başlıca Sosyal ve İşgücü Riskleri
İnşaat sahasında iş kazaları ve yaralanma riskleri.
Kişisel koruyucu ekipman (KKE) eksiklikleri ve güvenlik önlemlerinin yetersiz uygulanması.
Uzun çalışma saatleri ve çalışan refahının korunamaması.
Alt yükleniciler ve taşeronlar tarafından çocuk işçiliği veya zorla çalıştırma ihtimali.
Çalışanların işe alım süreçlerinde etik kuralların ihlal edilmesi.
İnşaat faaliyetlerinin trafik akışını ve yol güvenliğini olumsuz etkileme ihtimali.
Şantiye alanında toz, gürültü ve titreşimden kaynaklı sağlık riskleri.
Acil durum yönetimi eksiklikleri ve kazalara müdahale kapasitesinin yetersizliği.
Kadın çalışanların istihdam edilmemesi veya ayrımcılığa uğrama riski.
Kırılgan grupların (engelliler, yaşlılar, göçmenler) doğrudan veya dolaylı olarak olumsuz etkilenmesi.
Yerel toplulukların ekonomik faaliyetlerini olumsuz etkileyebilecek geçici veya kalıcı değişiklikler.
İşçilerin ve toplulukların proje ile ilgili şikayetlerini iletebileceği etkin bir mekanizmanın olmaması.
Paydaş katılımının yetersiz olması ve halkın proje sürecine dahil edilmemesi.
IPKB
WORLD BANK GROUP


DB Ç&S Risk Değerlendirmesi
Dünya Bankası saha tarama sonucuna göre Bağcılar Ortaokulu Yeniden Yapım Projesi;
Çevresel Riski Orta,
Sosyal Riski Orta,
olarak belirlenmiştir.
İPKB


Ç&S Yönetim Modelimiz
Yüklenici
Müşavir
İPKB
İPKB


ÇEVRESEL RİSKLERİN YÖNETİMİ
İnşaat çalışmaları sırasında, bölgede halihazırda mevcut olan ulaşım güzergahları, kanalizasyon, elektrik ve su şebekeleri kullanılacaktır.
ATIK YÖNETİMİ
İnşaat & Hafriyat
Evsel Atıklar
Tehlikeli Atıklar
Atıkların taşınması ve depolanması sırasında, çevre ve insan sağlığı açısından gerekli tedbirler alınacaktır.
İPKB

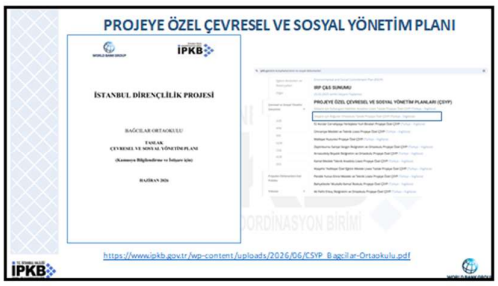

ÇEVRESEL RİSKLERİN YÖNETİMİ
Toz Kontrolü:
Gürültü Kontrolü:
İPKB


Çevre ve Atık Yönetimi
1
İnşaat esnasında başlıca dikkat edilecek hususlar
Toz kontrolü
Gürültü kirliliği
Toprak kirliliği
Trafik ve yaya güvenliği
Ağaçların korunması
İPKB


Çevre ve Atık Yönetimi
2
Atıkların türüne göre ayrı toplanıp depolanması
Tehlikeli atıklar
Tehlikesiz atıklar (evsel ve geri dönüştürülebilir atıklar)
Atık cinsine göre ayrı konteynerler
3
Sahada "Atık Yönetimi Yönetmeliği'ne" uygun "Atık Geçici Depolama Alanı" kurulması
İPKB


Çevre ve Atık Yönetimi
4
Lisanslı taşıyıcı firmalar ile gönderim ve Atık kayıtlarının tutulması
UCBS sistemi üzerinden kayıt ve takip
Atık kayıt formu tablosu ile eklenen türüne göre gönderilen zaman ve miktarlarının kayıt altına alınması
Atık Yönetim Uygulaması
İPKB

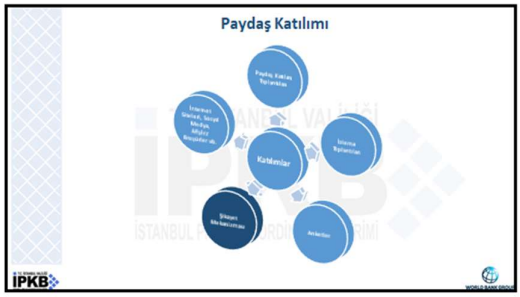

SOSYAL RİSKLERİN YÖNETİMİ
Çalışmalar, çevrede yaşayanların günlük hayatını en az etkileyecek şekilde yürütülecek; çalışma saatleri buna göre planlanacaktır.
Araç giriş-çıkışları için trafik yönetim planı uygulanacak; malzeme taşıyan araçların hız ve güzergâhları denetlenecektir.
Şantiyedeki tüm çalışanlara davranış kuralları (ayrımcılık, SEA/SH vb.) konusunda eğitim verilecek ve bu kurallara uyum sağlanacaktır.
Halkla düzenli iletişim için Şikâyet Mekanizması işletilecek; başvurular kayıt altına alınıp hızlı şekilde çözülecektir.
Proje istihdamının artmasıyla bölgedeki esnafın ekonomik olarak olumlu etkilenmesi beklenmektedir.
İnşaat alanında güvenlik, uyarı levhaları ve bariyerler sağlanarak yetkisiz kişilerin girişinin önüne geçilecek ve mahalle güvenliği korunacaktır.
İPKB


PROJEYE ÖZEL ÇEVRESEL VE SOSYAL YÖNETİM PLANI
İPKB
İSTANBUL DİRENÇLİLİK PROJESİ
BAĞCILAR ORTAOKULU
TASLAK
ÇEVRESEL VE SOSYAL YÖNETİM PLANI
(Kamunun Bilgilendirme ve İstişare için)
HAZİRAN 2026
https://www.ipkb.gov.tr/wp-content/uploads/2026/06/CSYP_Bagcilar-Ortaokulu.pdf
İPKB


YÜKLENİCİ ÇSYP VE EK PLANLARI
Atık Yönetim Planı
Toplum Sağlığı ve Güvenliği Planı
Trafik Yönetimi Planı
İş Sağlığı ve Güvenliği (İSG) Planı
Acil Durum Müdahale Planı
Yüklenicinin İş Gücü Yönetim Planı (Proje İYP ile uyumlu olarak)
Yüklenici Şikayet Mekanizması (ŞM) Prosedürleri (İşçiler ve topluluklar için)
Şans Eseri Buluntu Prosedürleri
İPKB


Şikayet Mekanizması ve Kanalları
Projenin sosyal ve çevresel etkilerinden doğrudan ya da dolaylı olarak etkilenen paydaşların endişe/sorun/görüş/şikayetleri kayıt altına alınarak, 15 iş gününde çözüme kavuşturulacaktır.
ŞİKAYET FORMU/E-POSTA
https://www.ipkb.gov.tr/sikayet-formu/
info@ipkb.gov.tr
Twitter: https://x.com/ipkbgovtr
Facebook: https://www.facebook.com/ipkbgovtr
Instagram: https://www.instagram.com/ismepipkb/
Linkedin: @IPKB
İPKB


Şikayet Mekanizması Kanalları
İSTANBUL VALİLİĞİ VE İBB
Açık Kapı : Bankolar vasıtası ile yüzyüze
Beyaz Masa : 153 Çağrı Merkezi,
https://beyazmasa.ibb.gov.tr/
CİMER
Portal : https://www.cimer.gov.tr
Çağrı Merkezi : 150
YİMER
Web Sitesi : http://www.yimer.gov.tr
Çağrı Merkezi : 157
İPKB


Paydaş Katılımı
Katılımlar
İPKB


T.C. İSTANBUL VALİLİĞİ
İPKB
İSTANBUL PROJE KOORDİNASYON BİRİMİ
GELECEĞİMİZİ GÜÇLENDİRİYORUZ...
İSTANBUL VALİLİĞİ
İSTANBUL PROJE KOORDİNASYON BİRİMİ

Annex 10. Project Design Presentation


Vaziyet Planı
Mevcut Durum Vaziyet Plan
Yeni Yapılacak Okul Vaziyet Plan


İhtiyaç Listesi
Talep Edilen
Konsept Projede Gerçekleştirilen
48 adet DERSLİK
2 adet DESTEK EĞİTİM ODASI
2 adet GÖRSEL SANAT ATÖDYESİ
2 adet MÜZİK DERSLİĞİ
2 adet BİLGİSAYAR DERSLİĞİ
2 adet FEN DERSLİĞİ
1 adet TBA ATÖDYE
3 adet TEK. TASARIM ATÖDYESİ
2 adet KÜTÜPHANE
2 adet KANTİN
1 adet ÇOK AMAÇLI SALON (150 kişi)
12 adet İDARİ ODA
6 adet ZÜMRE ODA
2 adet ÖĞRETMENLER ODASI
1 adet OKUL AİLE BİRLİĞİ

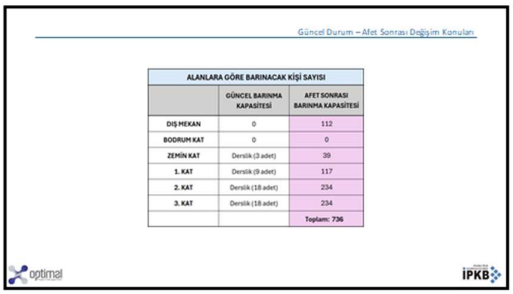

Bodrum Kat Planı

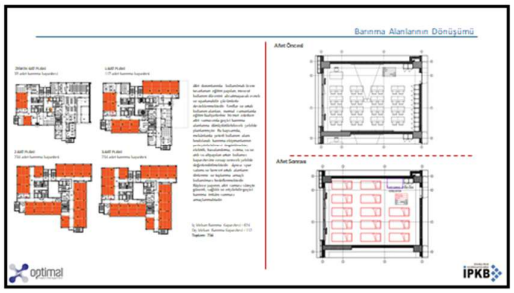

Zemin Kat Planı


1. Kat Planı

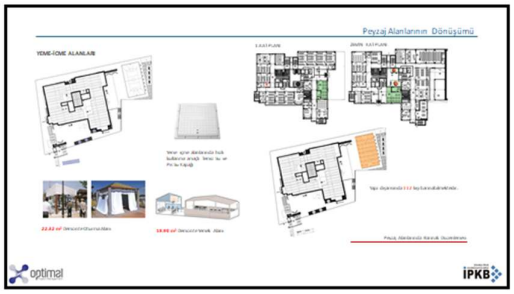

2. Kat Planı

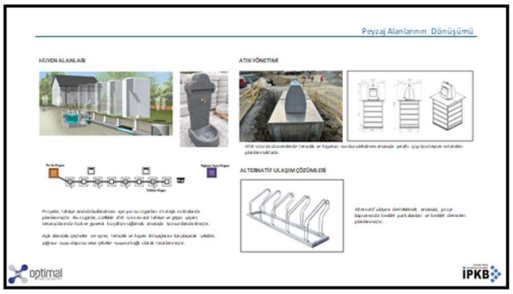

3. Kat Planı


Güncel Durum – Afet Sonrası Değişim Konuları
ALANLARA GÖRE BARINACAK KİŞİ SAYISI
GÜNCEL BARINMA KAPASİTESİ
AFET SONRASI BARINMA KAPASİTESİ
DIŞ MEKAN 0 112
BODRUM KAT 0 0
ZEMİN KAT Derslik (3 adet) 39
1. KAT Derslik (9 adet) 117
2. KAT Derslik (18 adet) 234
3. KAT Derslik (18 adet) 234
Toplam: 736

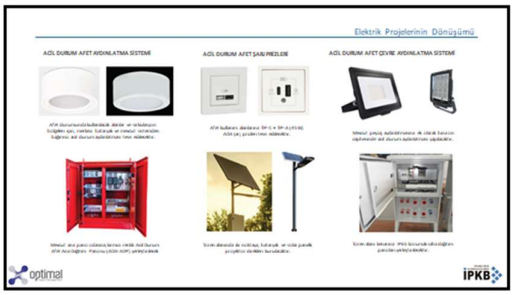

Barınma Alanlarının Dönüşümü
Afet Öncesi
Afet Sonrası

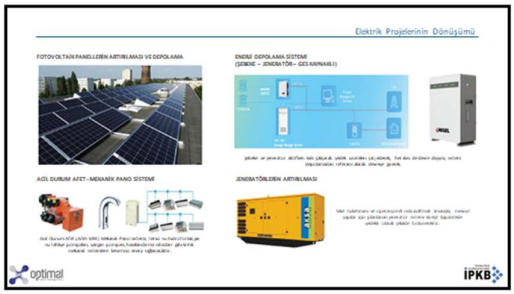

Mimari Projenin Dönüşümü
WC SAYILARININ ARTIRILMASI VE DUŞ BAŞLIĞI EKLENMESİ
AFET İDARE VE SAĞLIK BİRİMLERİNİN PLANLANMASI
SIĞINAKLARA SOYUNMA KABİNLERİ EKLENMESİ
ANNE ÇOCUK ÖZEL ALANLARIN OLUŞTURULMASI
AFET YARDIMI MALZEMELERİNİN DEPOLANMASI


Peyzaj Alanlarının Dönüşümü
YEME-İÇME ALANLARI
ZEMİN KATIN
1.KATIN


Peyzaj Alanlarının Dönüşümü
HİJYEN ALANLARI
ATIK YÖNETİMİ
ALTERNATİF ULAŞIM ÇÖZÜMLERİ


Mekanik Projelerinin Dönüşümü
KULLANIM SUYU DEPO KAPASİTESİNİN ARTIRILMASI
SU DEPOLARINA DEPREM VANASI İLAVE EDİLMESİ
TAHLİYE AMAÇLI KULLANILACAK BÖGAR KAPAKLARI VE ALTYAPI SİSTEMİ
BAHÇE SULAMA SİSTEMİ
optimal
İPKB


Elektrik Projelerinin Dönüşümü
AĞIL DURUM AFET AYDINLATMA SİSTEMİ
AĞIL DURUM AFET ŞARJ PRİZLERİ
AĞIL DURUM AFET ÇEVRE AYDINLATMA SİSTEMİ
optimal
İPKB


Elektrik Projelerinin Dönüşümü
FOTOVOLTAİK PANELLERİN ARTIRILMASI VE DEPOLAMA
ENERJİ DEPOLAMA SİSTEMİ
(GÜNDÜZ – JENERATÖR – GES KAYNAKLI)
AĞIL DURUM AFET – MEKANİK PANO SİSTEMİ
JENERATÖRLERİN ARTIRILMASI
optimal
İPKB


TEŞEKKÜRLER
optimal
İPKB

Annex 11. Consultation Meeting Photographs