CENTER FOR EDUCATION PROJECTS

GENERAL EDUCATION IMPROVEMENT PROJECT

ADDITIONAL FINANCING

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN FOR REHABILITATION OF HIGH SCHOOL IN ARTASHAT TOWN OF ARARAT MARZ

YEREVAN 2023

PART A: General Project and Site Information

INSTITUTIONAL & ADMINISTRATIVE			
Country	Republic of Armenia		
Project title	Education Improvement Project Additional Financing		
Scope of site-specific activity	Rehabilitation of High school in Artashat town of Ararat marz		
Institutional arrangements (WB)	Task Team Leaders: Renata Freitas Lemos	Safeguards Specialists: Darejan Kapanadze (environment) David Jijelava (social)	
Implementation arrangements (RoA)	Implementing entity: Center for Education Projects (CEP)	Works supervisor Anna Karapetyan (annakar@list.ru)	Works contractor (tbd)
PROJECT AND SITE DESCRIPTION			
Project Description	High school is located on Teryan Street (Building 1) in Artashat town of Ararat Marz. The school was constructed in 1970-s and consists of five buildings, one is three storey building (N 5), three are two storey buildings (N 1, 2, 3), and number 4 is one storied building (sports hall, events hall). There is a technical basement floor which is situated under the 1st, 2nd, 3rd and 4th buildings. In addition to these buildings, there is also an auxiliary building- a boiler house on the territory of the school site. The 1st, 2nd, 3rd, and 5th academic buildings of the school complex have a rectangular shape in plan, and 4th square shape, which are separated from each other by seismic seams and connected to each other by corridors, warm passages: The buildings of the school complex are made according to the standard project of the ИИС -04 series: This is a system for concrete frame buildings, in which the frame proposed by structural solutions consists of linear load-bearing elements (columns, primitives, etc.), and the exterior walls are made of prefabricated concrete wall plates. The school complex is situated on the relatively flat relief. Studies were carried out in the design stage to find out the structural problems of the existing buildings. A technical conclusion of structural integrity and seismic resistance of the buildings were carried out by BABAYAN-LAT NAKHAGITS LLC on 05.09.2022, according to which the following structural problems were identified: • There are pockets of corrosion, especially in the walls of bathrooms and suspended slabs • The floors and internal doors of the building are in a deplorable / poor condition • There are many cracks in the partitions of the building with a gap of up to 5 mm • The external ripraps have damaged parts; • Some parts of the roof are in poor condition: • There are oblique and vertical cracks in the partitions; opening of some seams is observed between the cover plates; • Numerous cases of collapse, deformation, and water damage in the different sections of masonry walls is observed due to malfunction of the roof drainage system or damaged riprap.		

	The 5th educational building is in an emergency condition, the degree of damage of which is estimated to be 4th degree and is subject to demolition. The following rehabilitation activities will be implemented under the proposed project in first, second, third, fourth buildings and warm passages. 1: Buildings 1, 2 , 3: • Implementation of plaster and finishing works of internal spaces • Thermal insulation of walls; • Construction of new sloped roof; • Installation of doors and windows; • Construction of new floors; • Installing glazed tiles in toilets • Construction of new fire stairs or stairs (external); • Rearranging of internal spaces 2: Building 4: • Rearranging of internal spaces • Thermal insulation of walls; • Implementation of plaster and finishing works of internal spaces • Installation of doors and windows; • Facing of toilets walls with ceramic tiles • Construction of new sloped roof • Installing glazed tiles in toilets and vinyl flooring in sports hall 3: Warm passages: • Thermal insulation of walls; • Implementation of plaster and finishing works of internal spaces • Installing glazed tiles in toilets • Installation of doors and windows; • Construction of new sloped roof 4: The territory of the school complex: • Demolish old curbs, destroyed parts of asphalt concrete, other obstructing structures (retaining walls, remnants of fences, etc.), as well as sports facilities on the territory of the school complex: • Landscaping of area, • Implementation of fencing and water drainage; • Construction of sports grounds and associated facilities. Since the duration of the construction works is estimated to be 20 months, appropriate arrangements will be made to ensure safe and convenient learning environment/working conditions for students/staff by relocating the school to the alternative premises in the School N5 after Chgnavoryan. The Ministry of Education, Science, Culture and Sport of RA will manage the process through issuing the respective decrees. The empty building of the high school will be handed over to Construction Contractor to carry out the civil works (Contractors have no duties related to transferring). The final design for rehabilitation of high school in Artashat town of Ararat marz was developed by the ““ARKHI-TUR”” LLC.
Name of Education Establishment	Artashat High school
Address and site location of a school	N. 1 Teryan str., Artashat, RoA. The place of implementation of the program is located in the city of Artashat, Ararat region of the Republic of Armenia, about 13 km from the city of Yerevan Project site is located in Artashat town. The site is situated in an urban area. All the works are envisaged to be implemented within existing school site.
Land Use	Land of school site and buildings on it are owned by the school / the Ministry of Education, Science, Culture and Sport of RA. The size of the land plot is 1.42572

	ha. The total area of the school buildings is 5754.94 m^2 (the copy of Certificate is provided as Attachment 3), the land is provided to Artashat High / the RA The Ministry of Education, Science, Culture And Sport with the right of free use. There are no other business activities carried out on the school's land plot and inside the buildings. In total there are 25 trees growing on the land plot. Six of trees will be cut down during the construction, and 18 new trees will be planted instead.
Brief Description of Physical and Natural Environment Around the Site; Social and Demographic Context	The existing high school is located in Artashat city of Ararat. The city of Artashat is located on the bank of the Araks River, in the Ararat Valley, 30 km southeast of capital Yerevan. Being the fourth capital of Armenia, Artashat is currently the regional center of the Ararat region. Artashat is located on the Yerevan-Nakhichevan-Baku and Nakhichevan-Tabriz railway and the Goris-Stepanakert road. It was built by King Artashes 1st. The current city of Artashat is located 10 km northwest of the historic Artashat. The main part of the territory is 829.1 m above sea level. The city of Artashat is characterized by hot and dry summers: The maximum average temperature in July is +25.3^{0}C, and the average temperature in January is -3.6^{0}C. The absolute maximum temperature is +43^{0}C, and the absolute minimum is – 29^{0}C: The average relative humidity is 64%, the annual precipitation is 254 mm. The average wind speed is 2-3 m/s. During the year, snow cover exceeds 36 days. No stable snow cover is formed. The maximum depth of soil freezing reaches 43 cm. The city of Artashat is located in I seismically active zones of Armenia. According to the probabilistic seismic zoning map of the Republic of Armenia, the expected horizontal acceleration of the Earth is 0.4 g (9 and more points).: The permanent population of Artashat, according to official data, is 19100 people, of which 52% are women, 48% are men. Currently there are 231 students enrolled in high school (111 boys and 120 girls), as well as 36 people are employed in the school (8 men and 28 women). Social outcomes of the sup -project are expected to be positive.
Location of the Nearest Licensed Construction Materials Sourcing, Quarry, and Water Source	Existing school is connected to water supply and sewerage utilities. Water for construction works will be taken from the source agreed with the Head of Community and School principal (if the school utilities are proposed to be used). Aggregates will be obtained from the licensed providers preferably within the Project area. Contractor may choose to extract aggregates himself, in which case contractor must obtain an extraction license prior to commencement of extraction. All the materials will be purchased from official suppliers. No hazardous materials (asbestos-containing materials, lead containing paints, etc.) shall be used during rehabilitation works.
LEGISLATION	
National &Local Legislation &Permits that Apply to Project Activity	Permits required for accomplishing the works envisaged by the project are as follows: • Construction license to be possessed by Construction Contractor, • Construction permit to be obtained by the Construction Contractor from municipality, • Mining license to be possessed by Construction Contractor in case it operates a borrow pit, • Agreement for disposal of construction waste to be obtained by Construction Contractor from the municipality. All applicable Construction Norms approved by the Ministry of Urban Development of RA Order #82 dated 01.10.2001 (as amended) must be adhered to.
PUBLIC CONSULTATION	
When / Where the Public Consultation	Public consultation on the draft ESMP was carried out on May 12. 2023 in Artashat city. Draft ESMP was discussed, and the questions of attendees responded. Announcement on consultation was posted in the community before the meeting

Process Will Take/Took Place	and particularly parents, teachers, and other school employees were informed (minutes of public consultation, the list of participants and photographs are presented in Attachment 7). The finalized ESMP will be disclosed on the CEP website. Brief information on the planned works and contact information for addressing questions and grievance will be placed at the work site and/or in its immediate surroundings
ATTACHEMENTS	
Attachment 1. Site Map Attachment 2. Photos of the site and interior of the building Attachment 3. Certificate of State Registration of the User Rights of Real Estate Attachment 4. Conclusion of the Structural Integrity and Seismic Stability Assessment of the Building Attachment 5. Construction permit (to be provided) Attachment 6. Agreement on Waste Disposal (to be provided) Attachment 7. Minutes of Public Consultation Meeting	

PART B: Safeguards information

ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following?	**Activity/Issue**	**Status**	**Triggered Actions**
	1. Building rehabilitation	[x] Yes [ ] No	If "Yes", See Section **A** below
	2. New construction	[ ] Yes [x] No	If "Yes", See Section **A** below
	3. Individual wastewater treatment system	[ ] Yes [x] No	If "Yes", See Section **B** below
	4. Historic building(s) and districts	[ ] Yes [x] No	If "Yes", See Section **C** below
	5. Acquisition of land[1]	[ ] Yes [x] No	If "Yes", See Section **D** below
	6. Hazardous or toxic materials[2]	[] Yes [x] No	If "Yes", See Section **E** below
	7. Impacts on forests and/or protected areas	[ ] Yes [x] No	If "Yes", See Section **F** below
	8. Handling / management of medical waste	[ ] Yes [x] No	If "Yes", See Section **G** below
	9. Traffic and pedestrian Safety	[x] Yes [ ] No	If "Yes", See Section **H** below
	10. Social risk	[x] Yes [ ] No	If "Yes", See Section **I** below

[1] Land acquisition includes displacement of people, impacts on livelihoods, encroachment on any private property, crops, trees, impacts to buildings or assets that are either owned, transferred, rented or illegally used, for example as a dwelling or to operate a business (kiosks, etc.).
[2] Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc. The roof of the school is made of asbestos-containing tiles. Hazardous Waste Collection and Disposal activities in RA are regulated by the article 13 of RA Law on Waste, RA Government Decision N 2291 dated 17.01.2006, Order of Minister of Nature Protection N 97 dated 10.05.2007 and the injunction of the Minister of Nature Protection No. 430-N as of 25.12.2006.

PART C: Mitigation measures

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
0. General Conditions	Notification and Worker Safety	(a) Notify the local construction and environment inspectorates and communities of the upcoming activities (b) Notify the public of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works) (c) Acquire all legally required permits for construction and/or rehabilitation (d) Provide workers' PPE compliant with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots) (e) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.
A. General Rehabilitation and /or Construction Activities	Air Quality	(a) Use debris-chutes during interior demolition above the first floor (b) Keep demolition debris in controlled area and sprayed with water mist to reduce debris dust (c) During pneumatic drilling/wall destruction, suppress dust by ongoing water spraying and/or installing dust screen enclosures (d) Keep the surrounding environment (sidewalks, roads) free of debris to minimize dust (e) Disallow open burning of construction / waste material at the site (f) Disallow excessive idling of construction vehicles at sites
	Noise	(a) Limit construction noise to conventional working hours (b) Keep the engine covers of generators, air compressors and other powered mechanical equipment closed during operation, and place equipment as far away from residential areas as possible
	Water Quality	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 streams and rivers.
	Waste Management	(a) Identify waste collection and disposal pathways and sites for all major waste types expected from demolition and construction activities (b) Separate mineral construction and demolition wastes from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers (c) Collect construction waste and dispose properly to official landfills (d) Maintain the records of waste disposal as proof for proper management (e) Whenever feasible, reuse and recycle appropriate and viable materials (except asbestos)
B. Individual wastewater treatment system	Water Quality	(a) Have local authorities approve the approach to handling sanitary wastes and wastewater from construction sites (b) Before being discharged into receiving waters, treat effluents from individual wastewater systems to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		(c) Wash construction vehicles and machinery only in designated areas where runoff will not pollute natural surface water bodies.
C. Historic building(s)	Cultural Heritage	(a) If rehabilitation works are being undertaken on a building which is enlisted as a historic/cultural heritage, ensure full compliance with additional requirements/regulations that may be imposed by cultural heritage preservation and management authorities (b) In case of encountering change find at work site, immediately take all activities on hold and promptly notify the Employer. Do not resume works till formal notification from the Employer.
D. Acquisition of land	Land Acquisition Plan/Framework	(a) If any form of involuntary resettlement was required to allow commencement of works in a given site, obtain formal assurance from the Employer on the process having been completed and compensations fully provided to the affected people prior to mobilizing to the site. (b) If involuntary resettlement had not been expected in the works site but its need emerges after commencement of works, do not enter into discussion/confrontation with the affected people; immediately take works on hold and promptly notify the Employer. Do not resume activity at work site until formal notice from the Employer and full resolution of the subject matter.
E. Toxic Materials	Asbestos management	(a) If asbestos is located on the project site, mark it clearly as a hazardous material (b) When possible, appropriately contain and seal asbestos material to minimize exposure (c) Treat the asbestos prior to removal (if removal is necessary) with a wetting agent to minimize asbestos dust (d) Handled and dispose the asbestos by skilled & experienced professionals (e) If asbestos material is stored temporarily, securely enclose it inside closed containments and mark appropriately. Take security measures against unauthorized removal from the site (f) Prevent reuse of the removed asbestos material
	Toxic / hazardous waste management	(a) Provide safe containers for temporarily storage of all hazardous or toxic substances; label them with details of composition, properties and handling information (b) Place containers of hazardous substances in a leak-proof container to prevent spillage and leaching (c) Transport the wastes by specially licensed carriers and dispose in a formal landfill (d) Do not use toxic ingredients or solvents, or lead-based paints
F. Affected forests, wetlands and/or protected areas	Ecosystem protection	(a) Do not damage or exploit any recognized natural habitats, wetlands and protected areas in the immediate vicinity of the activity. Prohibit any hunting, foraging, logging or other damaging activities by staff/personnel. (b) Undertake a survey and an inventory of large trees in the vicinity of the construction activity, mark and cordon them off with fencing, protect their root system, and avoid any damage to the trees (c) Protect adjacent wetlands and streams from construction site run-off with appropriate erosion and sediment control feature to include by not limited to hay bales and silt fences

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		(d) Do not use any unlicensed borrow pits, quarries or waste dumps.
G. Disposal of medical waste	Infrastructure for medical waste management	In compliance with national regulations, ensure that newly constructed and/or rehabilitated health care facilities include sufficient infrastructure for medical waste handling and disposal; this includes and not limited to: ▪ Special facilities for segregated healthcare waste (including soiled instruments “sharps”, and human tissue or fluids) from other waste disposal; ▪ Appropriate storage facilities for medical waste are in place; and ▪ If the activity includes facility-based treatment, appropriate disposal options are in place and operational
H.Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	Ensure that the construction site is properly secured, and construction-related traffic regulated. This includes but is not limited to: ▪ Signposting, warning signs, barriers, and traffic diversions: site will be clearly 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 safe and convenient passage for the public. ▪ Ensuring safe and continuous access to office facilities, shops, and residences during renovation activities, if the buildings stay open for the public.
I. Social risk	Public relationship management	(a) Assign local liaison person within Contractor’s team to be in charge of communication with and receiving requests/ complaints from local population (b) Consult local communities to identify and proactively manage potential conflicts between an external workforce and local people (c) Raise local community awareness about sexually transmitted disease risks associated with the presence of an external workforce and include local communities in awareness activities. (d) Inform the population about construction and work schedules, interruption of services, traffic detour routes and provisional bus routes, blasting and demolition, as appropriate. (e) Limit construction activities at night. When necessary, ensure that night work is carefully scheduled, and the community is properly informed, so they can take necessary measures. (f) At least five days in advance of any service interruption (including water, electricity, telephone, bus

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		routes), advice community through postings at the work site, at bus stops, and in affected homes/businesses. (g) Address concerns raised through Grievance Redress Mechanism established by the Employer within the designated timeline within the scope of Contractor's liability (h) To the extent possible, work camps should not be located in close proximity to local communities (i) Siting and operation of worker camps should be undertaken in consultation with neighboring communities
	Labor management	(a) The Contractor will recruit unskilled or semi-skilled workers from local communities to the extent possible. Where and when feasible, worker skills training, should be provided to enhance participation of local people. (b) The Contractor will provide adequate lavatory facilities (toilets and washing areas) in the work site with adequate supplies of hot and cold running water, soap, and hand drying devices. A temporary septic tank system should be established for any residential labor camp and without causing pollution of nearby watercourses (c) The Contractor will raise awareness of workers on overall relationship management with local population, establish the code of conduct in line with international practice and strictly enforce them, including the dismissal of workers and financial penalties of adequate scale.

PART D: MONITORING PLAN

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
CONSTRUCTION PHASE						
Mobilization of contractor	The community and the adjacent school administration has been notified of upcoming activities	at school principal's office	discussion/ observation	1 visit before construction commencement	Ensure stakeholder awareness on the upcoming works	CEP
	All legally required permits have been acquired	CEP's and construction contractor's offices	review of documents	1 visit before construction commencement	Ensure quality of works; Prevent disruption of future activities due to lacking documentation	
	PPE is provided to and used by workers	at construction site	inspection	monthly visits during construction	Prevent heath damage, trauma, and casualties among contractor's personnel	
Generation of emissions and dust	Construction site sprinkled / watered as needed in the course of dust-generating works; No open burning of construction / waste material at the site; No excessive idling of construction vehicles at	at construction site	inspection	monthly visits during construction	Prevent air pollution and minimize nuisance to nearby residents	CEP

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	site					
Generation of noise	Construction noise limited to day-time hours	at construction site	inspection	monthly visits during construction	Minimize nuisance to nearby residents	CEP
Generation of waste	Locations for temporary storage of waste pre-identified and used accordingly; Construction waste regularly collected and disposed at the agreed site.	at construction site	inspection	monthly visits during construction	Prevent littering of work site, pollution of soil and ground water	CEP
Hazardous waste management such as asbestos, paints, solvents, etc.)	Removal of asbestos containing waste with minimal fragmentation to avoid dust generation; Temporary storage of removed asbestos under a cover in a designated location; Timely removal of asbestos containing waste to the designated disposal site in a covered truck; Covering of asbestos containing waste with a layer of earth at the site of its final disposal; Trained personnel using	at school site, at disposal site	Inspection, review of documents	regular visits	Prevent health hazards to construction workers and other people which may enter the construction site; Prevent health hazards to waste disposal workers and other people which may enter waste disposal site	CEP representatives; Inspectorate for Nature Protection and Mineral Resources Municipality

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	appropriate PPE is involved in dismantling, transportation and disposal works					
Nuisance to nearby residents caused by improper parking of construction machinery and vehicles, temporary storage of construction material and waste, or littering around the construction site by contractors	No parking of construction vehicles and machinery outside the construction site; No blocking of pedestrian and vehicle movement around the construction site due to stockpiling/dumping of construction materials/waste; No trespassing of private land plots and/or other property around the construction site by contractor's personnel.	in the immediate vicinity of the construction site	inspection	monthly visits, or if notified by contractor or citizens	Prevent negative impacts on property, assets or livelihoods	CEP
Works in a children's institution	Works carried out when school is out of operation; Appropriate warning signs installed and clearly visible to warn public of all potential hazards; In case that the school premises are used during the time of construction	at construction site	inspection	monthly visits during construction	Ensure safety of students and school employees	CEP

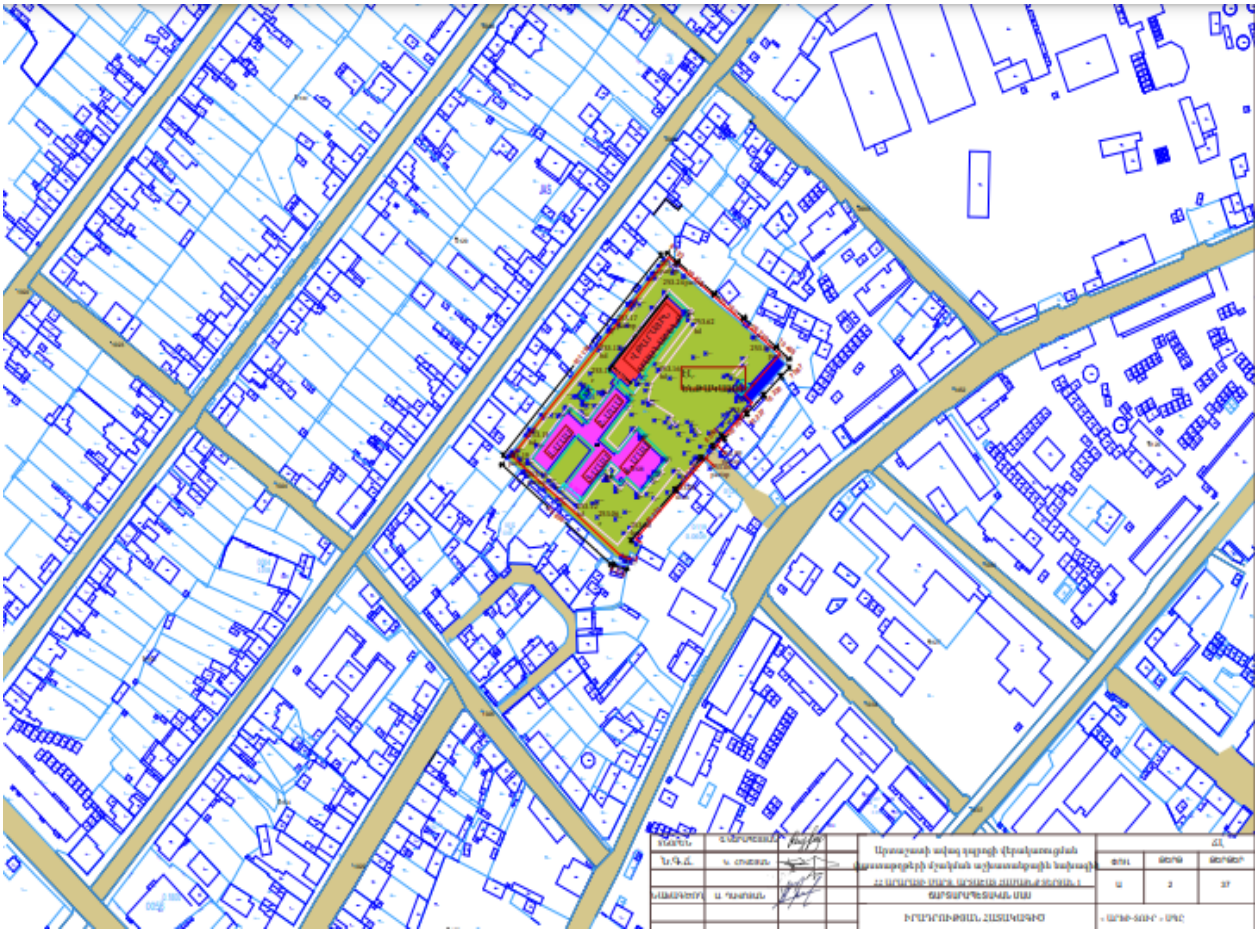
Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	(for extra-curricular programs, by school staff, etc.), their safety is guaranteed and alternative arrangements made where necessary.					
Works within the settlement	Warning signs are installed and clearly visible to warn public of all potential hazards; Access to construction site is restricted to only authorized personnel involved in implementation of construction works; Access to construction site is strictly monitored; Safe passages for pedestrians are provided.	at construction site	inspection	monthly visits during construction	Ensure work site safety	CEP
Grievance and redress mechanism (GRM)	CEP and World Bank GRM information is available and visible to the public	at locations for posting GRM information; CEP office	inspection	monthly visits during construction	Provide for all citizens in the community a channel to voice questions, feedback or complaints related to construction works	CEP
O P E R A T I O N P H A S E						

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
School facility management	School facilities are properly operated and maintained, including heating and ventilation, power supply, etc.	at school site	Inspection, review of documents	regular visits	Provide safe and convenient education environment	Ministry of Education, Science, Culture and Sport
Solid waste management	Waste is regularly collected and transported from the school and disposed at the agreed site	at school premises	inspection, review of documents	regular visits	Maintain adequate sanitary conditions	Ministry of Education, Science, Culture and Sport
Water management	Water supply and sewerage systems are properly maintained and are in good operational conditions; Drainage systems are properly maintained and are in good operational conditions	at school premises	inspection, review of documents	regular visits	Maintain adequate sanitary conditions	Ministry of Education, Science, Culture and Sport
Daily operation of the school	Appropriate warning signs are installed and clearly visible to warn traffic on school located nearby, proper passages for pedestrian are arranged	at school premises	inspection, review of documents	regular visits	Provision of safe learning environment	Ministry of Education, Science, Culture and Sport; Road Police

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	First aid kit is available at the school, the staff is trained on how to provide first aid and contact nearby medical station / hospital; School area is properly fenced, handrails and stair are in good technical condition.	at school premises	inspection	regular visits	Provision of safe learning environment	Ministry of Education, Science, Culture and Sport
	Evacuation plans are posted on public areas in school and emergency exits are clearly marked, students and teachers are informed on activities to be undertaken in emergency situation; School in equipped with appropriate fire-fighting means.					Ministry of Education, Science, Culture and Sport; Ministry of Emergency Situations
Grievance and redress mechanism (GRM)	Ensure that GRM information is available and visible to the public.	at school site	inspection	regular visits	Ensuring that all citizens in the community have a channel to voice questions, feedback, or complaints related to the sub-project	Ministry of Education, Science, Culture and Sport

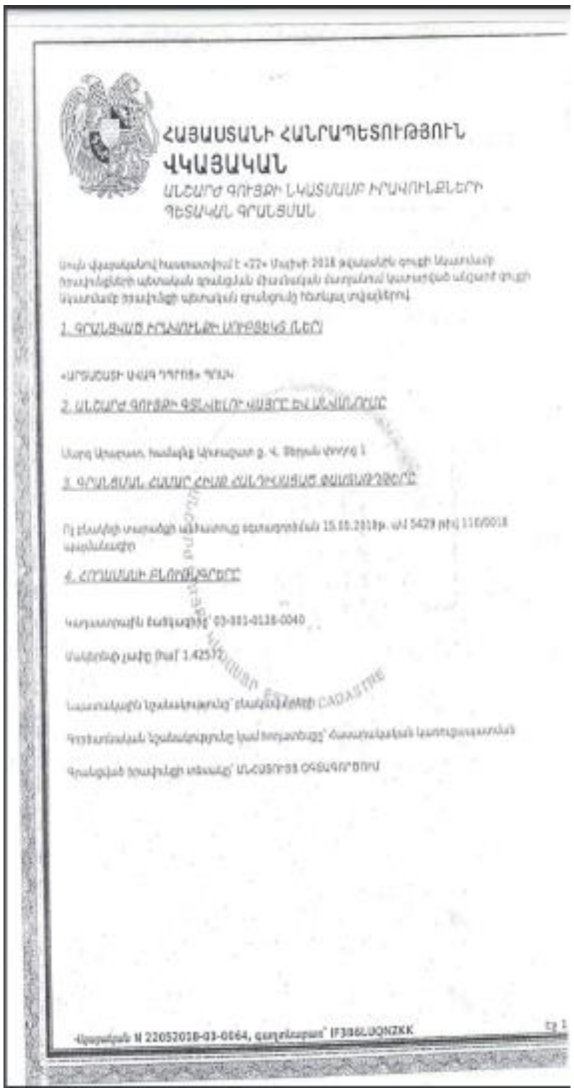
Activity	**What** (Is the parameter to be monitored?)	**Where** (Is the parameter to be monitored?)	**How** (Is the parameter to be monitored?)	**When** (Define the frequency / or continuous?)	**Why?** (Is the parameter being monitored?)	**Who** (Is responsible for monitoring?)
	Evacuation plans are posted on public areas in school and emergency exits are clearly marked, students and teachers are informed on activities to be undertaken in emergency situation; School in equipped with appropriate fire-fighting means.					Ministry of Education, Science, Culture and Sport; Ministry of Emergency Situations
Grievance and redress mechanism (GRM)	Ensure that GRM information is available and visible to the public.	at school site	inspection	regular visits	Ensuring that all citizens in the community have a channel to voice questions, feedback, or complaints related to the sub-project	Ministry of Education, Science, Culture and Sport

Attachment 1. Site Map



Attachment 2. Photos of the site

Attachment 3. Certificate of State Registration of the User Rights of Real Estate



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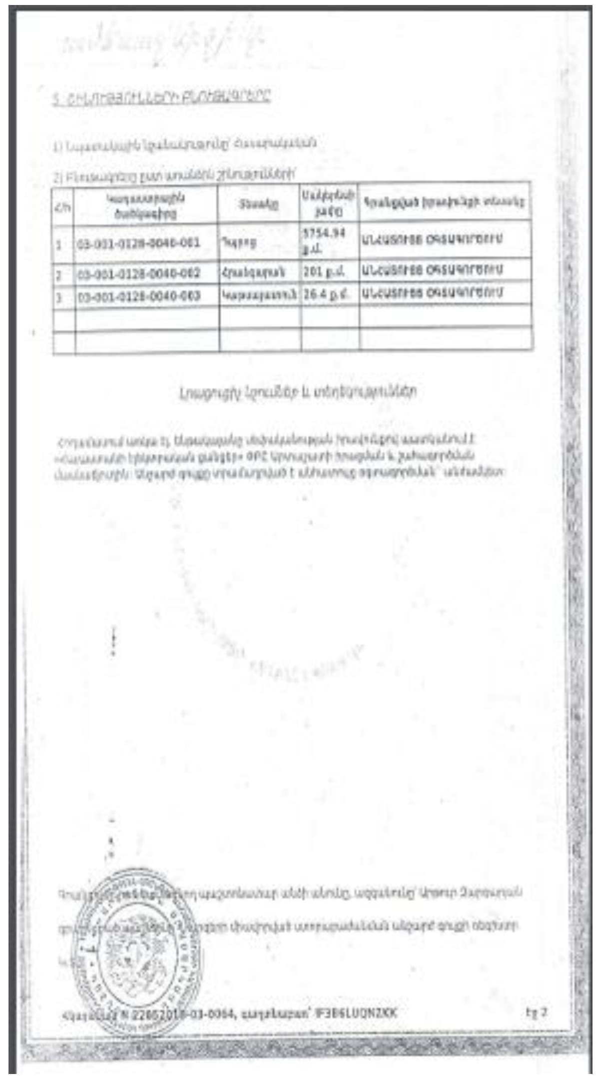

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1	03-001-0128-0040-001		5754.94 ք.մ.	
2	03-001-0128-0040-002		201 ք.մ.	
3	03-001-0128-0040-003		26.4 ք.մ.	

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Attachment 4. Summary of Results of Expert Examination of Structural Integrity and Seismic Resistance of the Building

(Summary provided in English. Original in the Armenian language is attached to this ESMP)

The detailed examination and assessment of the technical condition of the building of Artashat High school have been provided by BABAYAN-LAT NAKHAGITS LLC (Conclusion No 29-S-BH-22 on 05.09.2022 in the conclusion about technical condition of bearing and encompassing structures, its overhaul reconstruction, strengthening of bearing structures by increasing the level of seismicity, and capabilities).

The level of physical wear of separate constructive elements of separate structural elements of the school buildings was examined and determined.

The buildings were constructed in 1970s; they do not meet the requirements of the earthquake-resistant construction standards currently in force. The allowable level of reconstruction of first, second, third and fourth educational buildings in accordance with the RA Construction Norms 20-16-2014 is accepted as "Increasing of seismic protection".

Immediately after the construction of the 5ht building had deformations, displacement of prefabricated concrete slabs, and deposits, because of which it became unusable and was not used for a long time.

The technical condition of the first, second, third, fourth and warm passage buildings is assessed as unsatisfactory, and the level of damage according to the RA existing construction norms and the criteria of the methodical instructions of the study, is of the 3rd degree, i.e. unsatisfactory. The use of the constructive elements of buildings is possible only after capital repair. The 5th educational building is in an emergency condition, the degree of damage of which is estimated to be 4th degree and is subject to demolition.

As for the seismic vulnerability level of the building, for providing the stability of the educational buildings and for their further safe operation and use, the strengthening of the buildings and structures in its complex is mandatory.

Attachment 5. Construction Permit

(to be obtained)

Attachment 6. Agreement for Waste Disposal

(to be obtained)

Summary provided in English

According to the agreement between XX and XX dated DD/MM/YYYY, waste generated during the renovation of the High School in Artashat will be disposed at *********.

Attachment 7. Minutes of Public Consultation Meeting

Minutes of Public Consultation Meeting on Draft Environmental and Social Management Plan developed for Rehabilitation of Artashat High school within the framework of General Education Improvement Project Additional Financing

May 12, 2023 **Artashat**

The meeting was summoned at 15:30.

In total, 26 participants attended the meeting, including representatives of the school staff, Center for Education Projects, Artashat municipality, beneficiary community. Participants of the public consultation have registered in the List of Participants and provided their contact details. The list of the participants and the photos taken during the Consultation are attached to the present minutes.

The announcement on public consultation was posted at the web-site of CEP, at the school door, in nearby shops, municipality on April 28, 2023. In addition, the representatives of school benefiting from Education Improvement Project were also invited by phone calls to attend the consultation.

The opening speech was given by representative of Artashat municipality Mr. K. Poghosyan he presented to the participants the purpose of the Public Consultation.

Director of Artashat High School Mrs. E. Simonyan presented the history of the school, the urgency of rehabilitation of the school.

Mr. M. Saribekyan, representative of Center for Education Projects briefly provided details on General Education Improvement Project Additional Financing preparation and implementation, including works planned under the various components of the proposed project.

Project Designer-Architect K. Hoveyan presented the project of the reconstructed school and the main architectural solutions

Then the environmental and social consultant A. Karapetyan presented the Environmental and Social Management Plan (ESMP) developed for the “Rehabilitation of Artashat High school in Artashat town” Project implemented within the Framework of the General Education Improvement Program. It was mentioned that the Plan was developed in compliance with the requirements of the RA legislation and WB’s operational policy. Potential environmental and

social impacts arising during the renovation and construction work concerning the school building, and the main arrangements towards their prevention, possible reduction / mitigation and monitoring were presented in detail. It was noted that the possible impacts are anticipated during the construction phase and are mainly temporary.

Information on the grievance mechanism was presented as well.

She emphasized the importance of environmental and social analyses conducted during the preparatory phase of the project, as well as preparation of designs. She noted that the final version of the ESMP will be posted at the web-site and can be also requested from CEP in electronic and/or printed copy whenever needed.

After wards, the participants were provided with an opportunity to voice their feedback regarding the measures proposed in the Environmental and Social Management Plan, as well as raise their questions. Comprehensive answers were provided to all the questions.

The main questions raised during the consultation and responses provided are summarized below.

Question 1: Is lighting and fencing of the area planned within the project?

Answer: Yes, exterior lighting is planned and the area will be fenced.

Question 2: Is it possible to include the demolition works of the emergency /class 4/ building on the school premises in the project?

Answer: This program does not envisage such works, so it should be implemented either with the means of the municipality or the ministry, and this issue is on the agenda of the relevant bodies.

Question 3: Is the construction of a shelter planned in the school?

Answer: Building a basement shelter is impossible based on constructive solutions, but after the implementation of improvement works, the basement can serve as a hiding place if necessary.

Question 4: How many trees will be cut down during construction?

Answer: 5-6 trees that will interfere with construction work will be cut down. Green areas will be preserved, and 18 new trees will be planted instead of felled trees.

Question 5: How long will the reconstruction of the school take and h ow will the normal work of the school and issues related to the transfer of teaching staff and students are organized?

Answer: The work is expected to be completed within 20 months and the educational process will be organized in Artashat Primary School No. 5 after Chganvoryan.

Question 6: How will the irrigation works be organized?

Answer: For the efficiency of irrigation works, the existing borehole in the school premises will be repaired and connected to the irrigation network.

Question 7: How will rainwater be removed?

Answer: Rainwater will be removed with the help of gutters with an external system.

The meeting was closed at 16:15.

The minutes were prepared by:

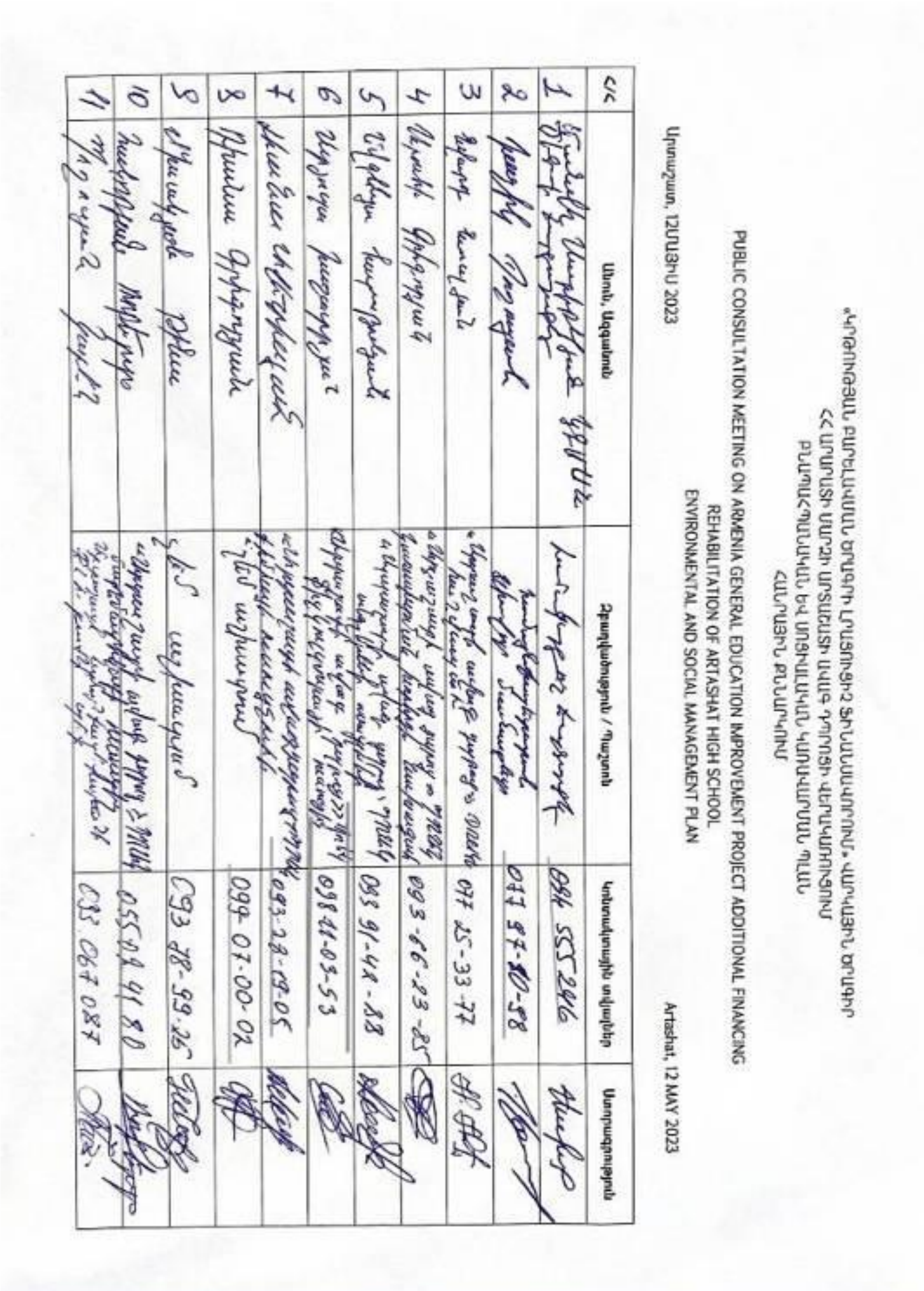
Acting director of the CFEP PIU /signature/ Grisha Hovhannisyan

Head of the Department of Urban Planning and

Land Development of Artashat municipality /signature/ K. Poghosyan

Environmental and social consultant of CFEP PIU /signature/ A. Karapetyan

Appendix 1. List of participants of public consultation



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PUBLIC CONSULTATION MEETING ON ARMENIA GENERAL EDUCATION IMPROVEMENT PROJECT ADDITIONAL FINANCING
REHABILITATION OF ARTASHAT HIGH SCHOOL
ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

Արտաշատ, 12ՄԱՅԻՍ 2023

Artashat, 12 MAY 2023

Հ/Հ	Անուն, Ազգանուն	Զբաղվածություն / Պաշտոն	Կոնտակտային տվյալներ	Ստորագրություն
1	[illegible]	[illegible]	094 555 246	[illegible]
2	[illegible]	[illegible]	077 97-10-98	[illegible]
3	[illegible]	[illegible]	077 25-33-77	[illegible]
4	[illegible]	[illegible]	093-66-23-85	[illegible]
5	[illegible]	[illegible]	093 91-42-88	[illegible]
6	[illegible]	[illegible]	098 11-03-53	[illegible]
7	[illegible]	[illegible]	093-28-19-05	[illegible]
8	[illegible]	[illegible]	099-07-00-02	[illegible]
9	[illegible]	[illegible]	093 78-99-26	[illegible]
10	[illegible]	[illegible]	055 02 41 80	[illegible]
11	[illegible]	[illegible]	093 067 087	[illegible]

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13	[illegible]	[illegible]	093 883502	[signature]
14	[illegible]	ուսուցիչ [illegible]	099098504	[signature]
15	[illegible]	ուսուցիչ [illegible]	098122600	[signature]
16	[illegible]	[illegible]	093414153	[signature]
17	[illegible]	[illegible]	093 68 1718	[signature]
18	[illegible]	ուսուցիչ	094 30 38 36	[signature]
19	[illegible]	ուսուցիչ	098226690	[signature]
20	[illegible]	ուսուցիչ	094696668	[signature]
21	[illegible]	ուսուցիչ	094369937	[signature]
22	[illegible]	գործավար	093-78-20-80	[signature]

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23	[illegible]	[illegible]	093479781	[signature]
24	[illegible]	[illegible]	094472964	[signature]
25	[illegible]	[illegible]	093937222	[signature]
26	[illegible]	[illegible]	091 404 1 55	[signature]

Appendix 2. Photographs made during public consultation