CENTER FOR EDUCATION PROJECTS

GENERAL EDUCATION IMPROVEMENT PROJECT

ADDITIONAL FINANCING

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN FOR REHABILITATION OF HIGH SCHOOL N5 AFTER N. SISAKYAN IN ASHTARAK TOWN OF ARAGATSOTN 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 N5 after N. Sisakyan in Ashtarak town of Aragatsotn 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 No. 5 after is located on Tigran Mets (Building 93) in Ashtarak town of Aragatsotni Marz. The school was constructed in 1970s and consists of four buildings. Main building N1 has a flat rectangular contour with an inner courtyard, one part of the front facade of which is three-storey, the other part is two-storey, and the other three are two-storey (N1; 2; 3). In building N1 there are sports and event halls, which have a height of one floor. There is a technical basement floor under one part of the first building. In addition to these buildings, there is also an auxiliary building- a boiler house on the territory of the school site. The 2nd, 3rd and 4th academic buildings of the school complex have a rectangular shape in plan, which are separated from each other by seismic seams and connected to each other by corridors: The buildings of the school complex are made according to the standard project of the ИИС -04 series. 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 17.10.2022, according to which the following structural problems were identified: • 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 water damage, deformation, and collapse in the different sections of masonry walls is observed due to malfunction of the roof drainage system or damaged riprap. • There are many cracks in the partitions of the building with a gap of up to 5 mm The following rehabilitation activities will be implemented under the proposed project in Main Building, three academic buildings, warm passage buildings and school site. 1. Main Building: •Rearranging of internal spaces; •Reconstruction of main entrance of school complex •Construction of new stage in events hall; provide furniture for stage; •Construction of new fire stairs or stairs (external); •Reconstruction of buildings to ensure appropriate seismic-resistance coefficient (K/CB) •Measures are provided for thermal insulation of external walls, mineral		

	wool/cotton slabs with thermal insulation of 80 kg/m^3, and vapor barrier tape •New exterior walls have been devised, the material of which is selected from reinforced concrete, which is lined with fiber cement slabs from the outside •Thermal protection of external walls with an air gasket, •Construction of new sloped roof; •Based on the calculations, work is planned to reinforce the foundations, 2. Three academic buildings: •Implementation of plaster and finishing works of internal spaces •Reconstruction of buildings to ensure appropriate seismic-resistance coefficient (K/CB) •Measures are provided for thermal insulation of external walls, mineral wool slabs with thermal insulation of 80 kg/m^3, and vapor barrier tape •New exterior walls have been devised, the material of which is selected from reinforced concrete, which is lined with fiber cement slabs from the outside •Thermal protection of external walls with an air gasket, • Construction of new sloped roof; •Based on the calculations, work is planned to reinforce the foundations, •Construction of new sloped roofs •The inter-story and roof coverings of the buildings are provided with a monolithic reinforced concrete slab 3. Warm passage building: •Rearranging of internal spaces •New exterior walls have been devised, the material of which is selected from reinforced concrete, which is lined with fiber cement slabs from the outside •Thermal protection of external walls with an air gasket •Measures are provided for thermal insulation of external walls, mineral wool slabs with thermal insulation of 80 kg/m^3, and vapor barrier tape •Reconstruction of buildings to ensure appropriate seismic-resistance coefficient (K/CB) •Based on the calculations, work is planned to reinforce the foundations, •On the territory of the school complex. It is planned to strengthen the roof of the building with a monolithic reinforced concrete slab 4.All Buildings: •Washing of basalt coating using special solutions, restoration of damaged stones, and installation of new ones instead of missing ones •Construction of new floors made of pressed granite slabs in corridors and recreation areas, vinyl floors in classrooms, and laminate floors in administrative premises •Construction of new sloped roof; •Installation of doors and windows; •Exterior doors with aluminum thermal insulation bridge and double-glazed windows, Interior doors, doors in bathrooms made of metal-plastic, and stairwell doors are fire-proof, •Canopies are provided at the entrances 5.The territory of the school complex: • Installation of new metal structures and facilities (exercise equipment, benches, canopies, fences, garbage cans, pavilions, etc.), • Construction of new stairs and retaining walls, etc • 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 24 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 N1 after N. Ashtaraketsi. The Ministry of Education, Science, Culture and Sport of RoA 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 N5 after N. Sisakyan in Ashtarak town of Aragatsotn marz was developed by the "ARKHI-TUR" LLC.
Name of Education Establishment	Ashtarak High School N5 after N. Sisakyan
Address and site location of a school	N 93 Tigran Mets str., Ashtarak, Aragatsotn marz, Republic of Armenia The place of implementation of the program is located in the city of Ashtarak, Aragatsotn region of the Republic of Armenia, about 13km from the city of Yerevan Project site is located in Ashratak 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 3.1119 ha. The total area of the school buildings is 5999 m^2 (the copy of Certificate is provided as Attachment 3), the land is provided to Ashtarak High School N5 after N. Sisakyan / 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 33 trees growing on the land plot. Three of trees will be cut down during the construction, and 15 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 Ashtarak city of Aragatsotn Marz. The Aragatsotn region of Armenia is located between the capital Yerevan and the highest mountain peak of Armenia Aragats. The area is 2753 km2, and the population is 141 thousand people. Among the regions of Armenia, it occupies an average place in terms of area and surpasses only Vayots Dzor and Tavush in terms of population. The city of Ashtarak is the regional center of Aragatsotn Marz, located on the bank of the Kasakh River, at an altitude of 1100 m above sea level. The city has a dry, land climate. The average temperature in July ranges from 20 to 24°C. The maximum temperature reaches 40°C and above. The number of days with temperatures above 10 °C ranges from 180 to 200. The average temperature in January ranges from -4 to -6°C: The minimum temperature reaches -34^{O}C: During the year, snow cover exceeds 1-3 months, The number of days without frost varies on average from 200 to 240 days. the annual precipitation is 300-400 mm, in some cases -400-500 mm. The annual evaporation rate is 900-1100 mm, and the average relative humidity ranges from 40% (in summer) to 75% (in winter). The wind directions are mainly north and north-east: The city of Ashtarak is an important crossroads of highways. It is located at the intersection of Yerevan-Vanadzor, Yerevan-Gyumri, and Vanadzor-Echmiadzin roads. Ashtarak is one of the oldest settlements in Armenia, distinguished by an abundance of historical and architectural monuments. Historically, the Ashtarak has always been distinguished by the constant observance of traditions and, with its unique appearance, was presented as a village, the most characteristic of Armenia, and since 1965 - as a city: The city of Ashtarak has its own special place also in agriculture, industry, and especially science in Armenia. The city of Ashtarak is located in II seismically active zones of Armenia. According to the probabilistic seismic zoning map of the RoA, the expected horizontal acceleration of the Earth is 0.5 g (8 points).: The permanent population of Ashtarak, according to official data, is 16 600 people, of which 51% are women, and 49% are men. Currently, there are 423 students enrolled in high school (203 boys and 220 girls), as well as 60 people, are employed in the school (7 men and 53 women).

	The 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 sub-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 Process Will Take/Took Place	Public consultation on the draft ESMP was carried out on May 11, 2023, in Ashtarak city. Draft ESMP was discussed, and the questions of attendees responded. Announcement on consultation was posted in the community before the meeting 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

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		treatment (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

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		sediment control feature to include by not limited to hay bales and silt fences (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.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		(f) At least five days in advance of any service interruption (including water, electricity, telephone, bus 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	at construction site	inspection	monthly visits during construction	Ensure safety of students and school employees	CEP

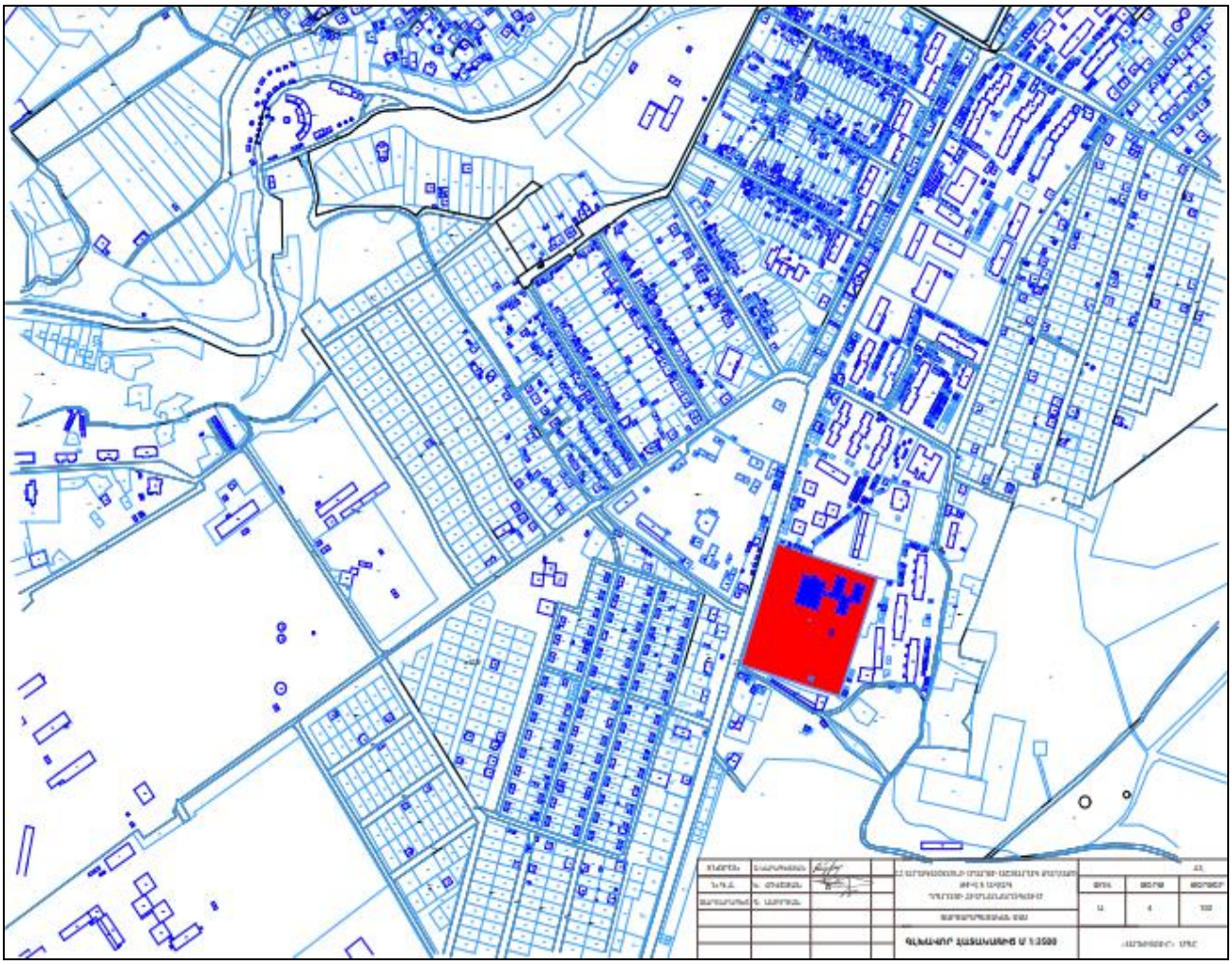
Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why? (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	the time of construction (for extra-curricular 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 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

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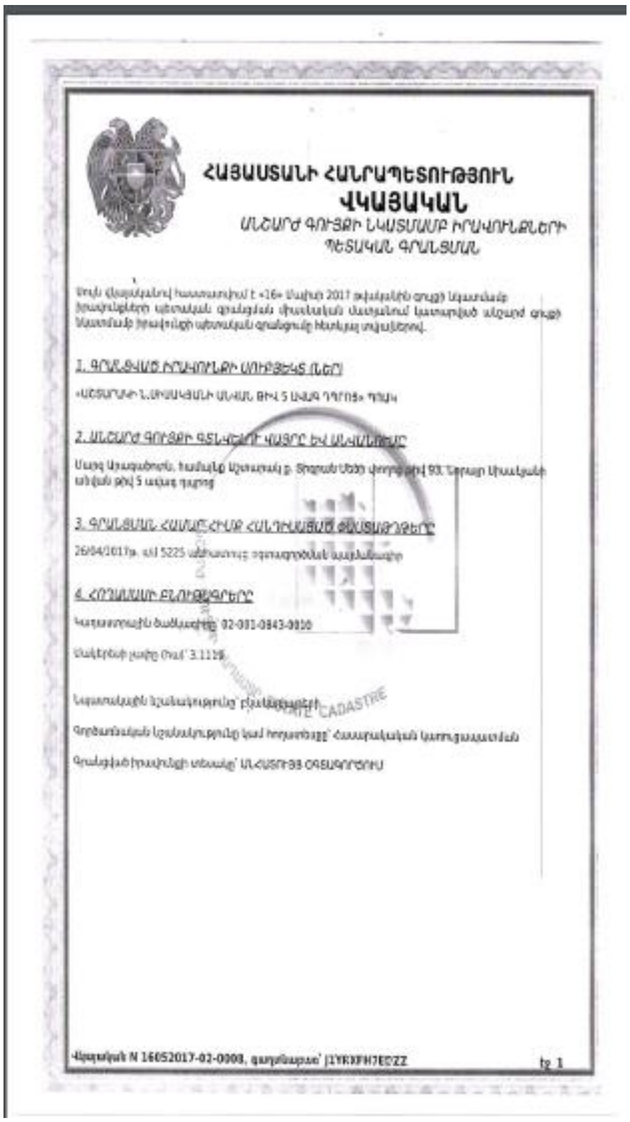
Attachment 3. Certificate of State Registration of the User Rights of Real Estate



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Կադաստրային ծածկագիր՝ 02-001-0843-0010

Վկայական N 16052017-02-0008

էջ 1

Հ/Հ	Կադաստրային ծածկագիրը	[illegible]	[illegible]	[illegible]
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3	02-001-0843-0010-003	[illegible]	37.6 ք.մ., 75.3 խ.մ.	[illegible]

Լրացուցիչ նշումներ և տեղեկություններ

ESTATE CADASTRE

Վկայական N 16052017-02-0008

էջ 2

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 Ashtarak High School N5 after N. Sisakyan have been provided by BABAYAN-LAT NAKHAGITS LLC (Conclusion No 34-S-BH-22 on 17.10.2022 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 in accordance with the RA Construction Norms 20-16-2014 is accepted as "Increasing of seismic protection".

Immediately after the construction of the 1st building had deformations, displacement of prefabricated concrete slabs, and deposits, because of which work was carried out on reinforcement with steel elements in the building.

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.

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 N5 in Ashtarak 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 High school N5 after N. Sisakyan in Ashtarak town within the framework of General Education Improvement Project Additional Financing

May 11, 2023 **Ashtarak**

The meeting was summoned at 15:30.

In total, 33 participants attended the meeting, including representatives of the school staff, Center for Education Projects, Ashtarak 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 website 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 Ashtarak municipality Mr. S Sahakyan he presented to the participants the purpose of the Public Consultation.

Director of High School No. 5 after N. Sisakyan Mrs. M. Sukiasyan 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 High school 5 after N. Sisakyan in Ashtarak 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: How long will the reconstruction of the school take and at what stage is the design work?

Answer: The work is expected to be completed within 24 months, and the completion date of the design phase is highly dependent on the complex conclusion of the project.

Question 2: What kind of trees will be planted?

Answer: 15 Will the fir trees be planted instead of three trees to be cut down?

Question 3: Does the project provide for any area for the implementation of practical works, where it will be possible to organize production /greenhouse, rabbit breeding, production of dried fruits/?

Answer: This project does not provide facilities for such activities.

Question 4: How will the normal work of the school and issues related to the transfer of teaching staff and students are organized in 2023-24 academic year?

Answer: A number of preparatory works will be carried out, and if everything goes according to plan, construction will begin in July.

The meeting was closed at 16:05.

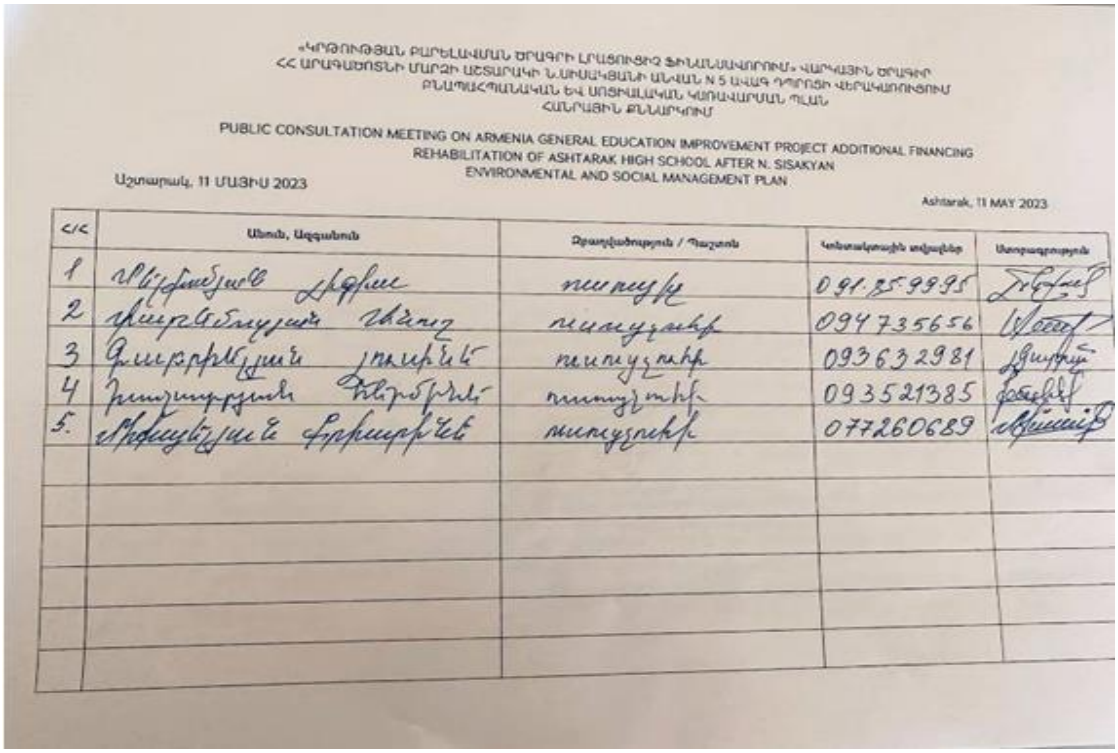
The minutes were prepared by:

Acting director of the CFEP PIU /signature/ Grisha Hovhannisyan

Secretary of the staff of Ashtarak municipality /signature/ S. Sahakyan

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

Appendix 1. List of participants of public consultation



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ՀՀ ԱՐԱԳԱԾՈՏՆԻ ՄԱՐԶԻ ԱՇՏԱՐԱԿԻ Ն.ՍԻՍԱԿՅԱՆԻ ԱՆՎԱՆ N 5 ՄԱՅՆ ԴՊՐՈՑԻ ՎԵՐԿԱՆԱՐՈՒԹՅՈՒՆ
ԲՆԱՊԱՀՊԱՆԱԿԱՆ ԵՎ ՍՈՑԻԱԼԱԿԱՆ ԿԱՌԱՎԱՐՄԱՆ ՊԼԱՆ
ՀԱՆՐԱՅԻՆ ՔՆՆԱՐԿՈՒՄ

PUBLIC CONSULTATION MEETING ON ARMENIA GENERAL EDUCATION IMPROVEMENT PROJECT ADDITIONAL FINANCING
REHABILITATION OF ASHTARAK HIGH SCHOOL AFTER N. SISAKYAN
ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

Աշտարակ, 11 ՄԱՅԻՍ 2023 — Ashtarak, 11 MAY 2023

հ/հ	Անուն, Ազգանուն	Զբաղվածություն / Պաշտոն	Կոնտակտային տվյալներ	Ստորագրություն
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2	[illegible]	[illegible]	094 735656	
3	[illegible]	[illegible]	093 63 29 81	
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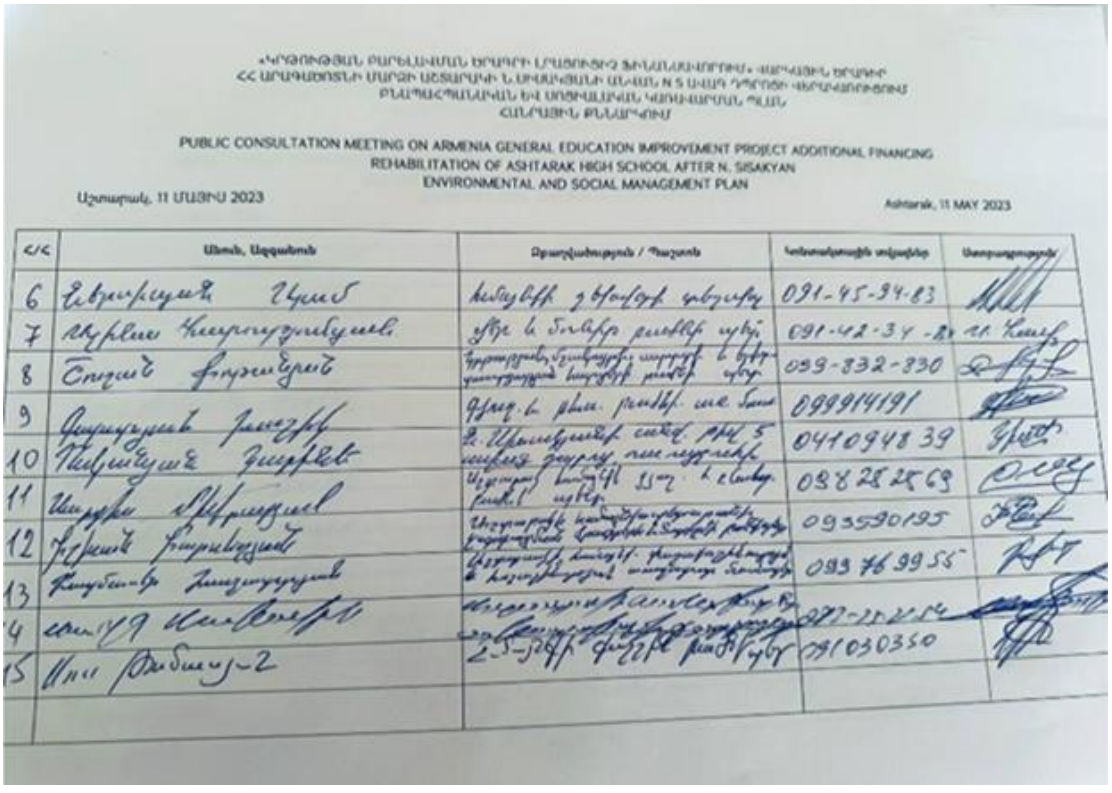
5.	[illegible]	[illegible]	077 260689	



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9	[illegible]	[illegible]	099914191	
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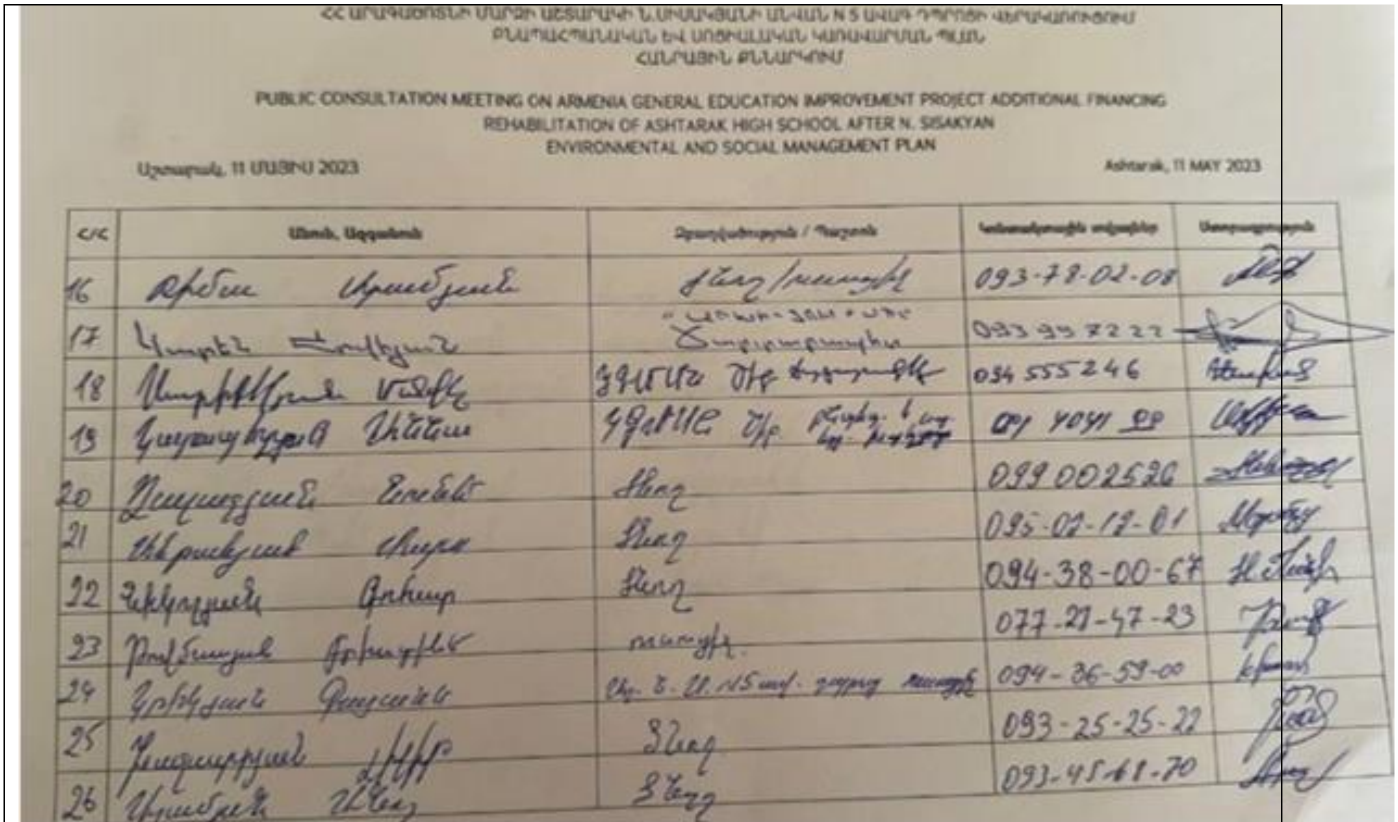

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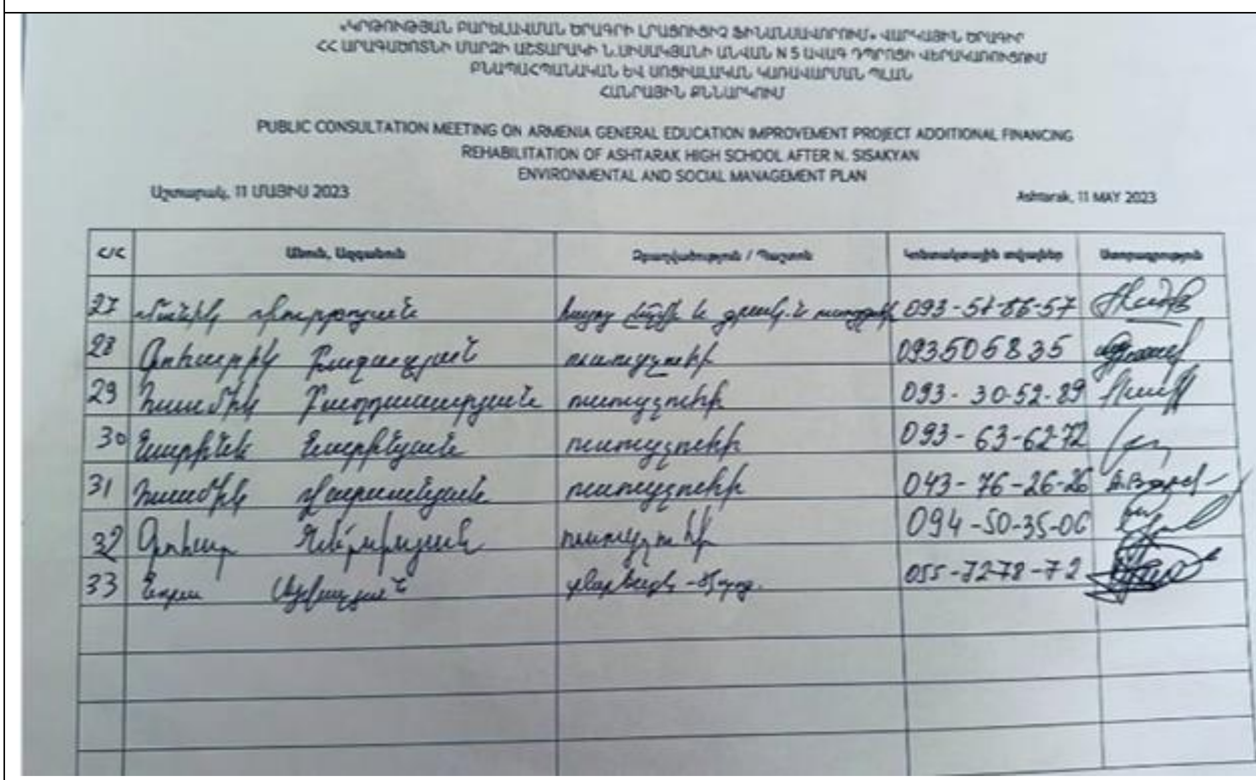

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Appendix 2. Photographs made during public consultation