

**This checklist is under negotiation with the World Bank
and presented as an example**



**THE REPUBLIC OF TAJIKISTAN
SE "CENTER FOR ENTREPRENEURSHIP DEVELOPMENT"
IN AGRICULTURE»**

**PROJECT: INCREASING RESILIENCE
AGRICULTURE**

**«Construction of a greenhouse for the Institute of Horticulture, Viticulture
and vegetable growing (WIS and O) in the city of Gissar,
Experimental farm "Sumbula"»**

Dushanbe, 2023

ESMP checklist (draft)

(for small construction/rehabilitation subprojects)

Project information

INSTITUTIONAL AND ADMINISTRATIVE ACTIVITIES				
Country: Tajikistan				
Name of the project: STRENGTHENING RESILIENCE OF THE AGRICULTURE SECTOR PROJECT				
Project Scope and Activities: Ensuring the crisis resilience of the agricultural sector Improving domestic food security, strengthening the basis for increasing the production and export competitiveness of the growing horticulture industry, and increasing the capacity of the Ministry of Agriculture.				
Institutional arrangements (names and contact persons)	WB (Head of the project team)	Project management Satori Daler	Local partner and/or recipient GU State Commission for Variety Testing of Agricultural Crops and Protection of Varieties	
Executive measures (names and contact persons)	Protective Oversight	Supervision of the local partner Head of Department of Environmental Protection Dushanbe	Local Supervision Inspectorate Contractor Will be determined by the results of the tender	Contractor
SITE DESCRIPTION				
Venue name	8.1.1. Repair of the building of the State Institution "State Commission for Variety Testing of Agricultural Crops and Protection of Varieties" Repair work will include plumbing work, whitewashing, painting, replacement of plumbing pipes, installation of railings on stairs. LOCAL RESOURCE ESTIMATE #1-1 will be attached to the checklist.			
Location description sites	Dushanbe st. Mirzobek house 1. 38.548863, 68.858867	<i>Appendix 1: Map venues [] Yes / [•] No</i>		
Who owns the land?	The land is the property of the state. The site and the building are on the balance sheet of the State Institution "State Commission for Variety Testing of Agricultural Crops and Protection of Varieties". Has a technical passport No. 01/1896 dated 09.2013 This object is not associated with any informal users.			
Geographic Description	Dushanbe is located in the center of the Gissar valley, which is an intermountain basin, elongated in the direction from west to east. The length of the valley is about 115 km, the width within the city is 18 km. From the north, the valley is bounded by the Gissar range, the spurs of which begin 12-15 km from the city center. Some peaks of the Gissar Range have a height of more than 4000 m above sea level. m. From the south, the valley is bounded by the northern spurs of low ridges Babatag, Aktau, Ranga tau, Karatau, the height of which is 1400-1700 m above sea level. m. From the north and northeast, the city is bordered by hills (adyrs) with a height of 900-1000 m above sea level. m. The elevation difference in the city is significant. The southern and western parts of the city are located at an altitude of 750-800 m, while the northern and north-eastern parts have a height of 900-950 m. The lowering of the relief to the west and south occurs evenly. In the city and the suburban area, the vegetation is very diverse. The climate is subtropical inland, somewhat softened by the mountainous position of the city.			
LEGISLATION				

Identify national and local laws, permits that apply to project activities	Name of the legal document	Line ministry/department responsible for implementation and enforcement
	Law of the Republic of Tajikistan “On Environmental Protection” 2011 (2017)	Committee for Environmental Protection of the Republic of Tatarstan
	Water Code of the Republic of Tajikistan 2000 (2012)	Government of the Republic of Tajikistan Agency for Melioration and Irrigation under the
	Law of the Republic of Tajikistan “On Environmental Monitoring” 2011 (2014)	Committee for Environmental Protection of the Republic of Tatarstan
	Law of the Republic of Tajikistan “On environmental education of the population” 2010	Committee for Environmental Protection of the Republic of Tatarstan
	Law of the Republic of Tajikistan “On State Ecological Expertise” 2012	Committee for Environmental Protection of the Republic of Tatarstan
	Law of the Republic of Tajikistan “On Environmental Expertise” 2012	Committee for Environmental Protection of the Republic of Tatarstan
	Law of the Republic of Tajikistan “On targeted social assistance” 2017	Ministry of Health and Social Protection of the Population
	Law of the Republic of Tajikistan “On Appeals of Individuals and Legal Entities” 2016	All government and non-government bodies
	Law of the Republic of Tajikistan “On Public Associations” 2007 (2019)	Ministry of Justice of the Republic of Tajikistan
	Law of the Republic of Tajikistan “On local government bodies”	Local Government Authorities
	Public Health Code 2017	Ministry of Health and Social Protection of the Population
	Law of the Republic of Tajikistan “On Production and Consumption Wastes” 2002 (2011)	SUE "Khojagi manziliyu communal
	Decree No. 800 regarding soil and air pollution by emissions	Committee for Environmental Protection of the Republic of Tatarstan
	WB environmental and social standards:	
ESS 1 - Assessment and prevention of environmental and social risks and impacts;		
ESS 2 - Labor and working conditions;		
ESS 3 - Resources and Efficiency, Pollution Prevention and Management; And		
ESS 4 - Community health and safety.		
ESS 10 - Access to Information and Engagement with Stakeholders.		
List of building codes and regulations of the Republic of Tajikistan		

	Construction norms and rules of the Republic of Tajikistan (CN and R RT)11-04-2020 "Typical design" 11-01-2005 "Composition and procedure for the development, approval and approval of project documentation for the construction of enterprises, buildings and structures"
	CN and R RT 11-04-2020 "Typical design"
	CN and R RT 81-01-2010 «Republican unit prices for construction work"
	CN and R RT 81-01-2007 «Landscaping. Protective forest plantations»
	CN and R RT 12-06-2020 «Технический надзор в строительстве»
	CN and R RT 03.01.04-01 "Acceptance for operation of completed facilities. Basic Provisions»
	983-72 "Sanitary rules for the arrangement and maintenance of public latrines"

PUBLIC CONSULTATIONS

Identify when/where the process of public consultations	Dushanbe, Virtual discussions via WebEx.	January 20, 2021.	PIU, WBG mission team, representatives of research institutes, the Tajik Agrarian University (TAU), the Academy of Agricultural Sciences of the Republic of Tajikistan (AASRT), and the Ministry of Agriculture (MOA).	<ul style="list-style-type: none"> • Presentation on Component 1: Seeds, seedlings and planting materials, and discussion. • Presentation on Component 2: Agro-Logistics Centers and discussion. • Presentation on Component 3: Capacity Building of Selected Government Agencies in Early Warning, Preparedness and Response, and discussion.
<p>Public consultations (PC) were held on November 24, 2022 by the Coordinator of the 2nd component of the SPPUSHT Project - Umarov U., the environmental protection specialist of the SPPUSHT Musamirov M., the specialist on social issues of the SPPUSHT - Rakhmatova R., as well as the employees of Prioritet LLC "- Deputy Director Nizomov A., manager - Khabibov U. with employees of the State Institution "State Commission for Variety Testing of Agricultural Crops and Protection of Varieties" (State State Commission for Variety Testing of Agricultural Crops and Protection of Varieties) (State State Commission for Variety Testing of Agricultural Crops and the Protection of Varieties) (State State Commission for Variety Testing of Agricultural Crops and the Protection of Varieties) in which 7 people participated.</p> <p>During the QA regarding the Environmental and Social Management Plan (ESMP) for the subproject 8.1.1. From the side of the employees of the State Institution "SKSSKOS" questions were received regarding noise and dust during the period of repair work, and these questions were answered by the specialists of PPUSHT. Contacts for submission of proposals and complaints 1) Hotline of the central office of the PPSUHT in Dushanbe: (44) 6100012; 2) PPUSHT email: aedpmu@gmail.com</p>				

BUILDING INSTITUTIONAL CAPACITY

Will there be an extension? potential? (Not really)	[No],
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ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN CHECKLIST

ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following:	Activity	Status	Additional references
	A. Building rehabilitation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section B below</i>
	B. New construction	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section B below</i>
	C. Individual wastewater treatment system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section C below</i>
	D. Historic building(s) and districts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section D below</i>
	E. Acquisition of land or loss of assets¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section E below</i>
	F. Hazardous or toxic materials²	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section F below</i>
	G. Impacts on forests and/or protected areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section G below</i>
	H. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section H below</i>
	I. Traffic and Pedestrian Safety	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section I below</i>
	Labor Conditions and OHS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section J below</i>
	Occupational Health and Safety of Workers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section K below</i>
	Community outreach and GRM	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section L below</i>
	Community health and safety	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>See Section M below</i>
	ACM issues	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>See Section N below</i>
ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST	
A. General Conditions	Notification and Worker Safety	(a) <i>The local construction and environment inspectorates and communities have been notified of upcoming activities</i> (b) <i>The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works)</i> (c) <i>All legally required permits have been acquired for construction and/or rehabilitation</i> (d) <i>All work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment.</i> (e) <i>Workers will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots)</i> (f) <i>Appropriate signposting of the sites will inform workers of key rules and regulations to follow.</i>	

¹ The project will support construction of new buildings only when the construction will not result in the taking of land resulting in: involuntary land acquisition or displacement of third parties using land; loss of assets or access to assets; or loss of income sources or means of livelihood, whether or not the affected persons must move to another location. Investors will be required to have landownership title as well as has to prove the land at the moment of subprojects application is not occupied or used even illegally.

² Toxic / hazardous material includes and is not limited to asbestos, toxic paints, removal of lead paint, etc.

B. General Rehabilitation and /or Construction Activities	Air Quality	<p>(a) <i>During interior demolition use debris-chutes above the first floor</i></p> <p>(b) <i>Keep demolition debris in controlled area and spray with water mist to reduce debris dust</i></p> <p>(c) <i>Suppress dust during pneumatic drilling/wall destruction by ongoing water spraying and/or installing dust screen enclosures at site</i></p> <p>(d) <i>Keep surrounding environment (sidewalks, roads) free of debris to minimize dust</i></p> <p>(e) <i>There will be no open burning of construction / waste material at the site</i></p> <p>(f) <i>There will be no excessive idling of construction vehicles at sites</i></p>
	Noise	<p>(a) <i>Construction noise will be limited to restricted times agreed to in the permit</i></p> <p>(b) <i>During operations the engine covers of generators, air compressors and other powered mechanical equipment should be closed, and equipment placed as far away from residential areas as possible</i></p>
	Water Quality	<p>(a) <i>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 streams and rivers.</i></p>
	Waste management	<p>(a) <i>Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities.</i></p> <p>(b) <i>Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers.</i></p> <p>(c) <i>Construction waste will be collected and disposed properly by licensed collectors</i></p> <p>(d) <i>The records of waste disposal will be maintained as proof for proper management as designed.</i></p> <p>(e) <i>Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)</i></p>
C. Individual wastewater treatment system	Water Quality	<p>(a) <i>The approach to handling sanitary wastes and wastewater from building sites (installation or reconstruction) must be approved by the local authorities</i></p> <p>(b) <i>Before being discharged into receiving waters, effluents from individual wastewater systems must be treated in order to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment</i></p> <p>(c) <i>Monitoring of new wastewater systems (before/after) will be carried out</i></p>
D. Historic building(s)	Cultural Heritage	<p>(a) <i>If the building is a designated historic structure, very close to such a structure, or located in a designated historic district, notify and obtain approval/permits from local authorities and address all construction activities in line with local and national legislation</i></p> <p>(b) <i>Ensure that provisions are put in place so that artifacts or other possible “chance finds” encountered in excavation or construction are noted, officials contacted, and works activities delayed or modified to account for such finds.</i></p>
E. Acquisition of land or loss of assets	Activity will not eligible	<p>(a) <i>If the activity will result in the taking of land resulting in: involuntary land acquisition or displacement of third parties using land; loss of assets or access to assets; or loss of income sources or means of livelihood, whether or not the affected persons must move to another location it will not be financed.</i></p> <p>(b)</p>

<i>F. Toxic Materials</i>	<i>Asbestos management³</i>	<p>(a) <i>If asbestos is located on the project site, mark clearly as hazardous material</i></p> <p>(b) <i>When possible, the asbestos will be appropriately contained and sealed to minimize exposure</i></p> <p>(c) <i>The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust</i></p> <p>(d) <i>Asbestos will be handled and disposed by skilled & experienced professionals</i></p> <p>(e) <i>If asbestos material is be stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately</i></p> <p>(f) <i>The removed asbestos will not be reused</i></p>
	<i>Toxic / hazardous waste management</i>	<p>(a) <i>Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties and handling information</i></p> <p>(b) <i>The containers of hazardous substances should be placed in an leak-proof container to prevent spillage and leaching</i></p> <p>(c) <i>The wastes are transported by specially licensed carriers and disposed in a licensed facility.</i></p> <p>(d) <i>Paints with toxic ingredients or solvents or lead-based paints will not be used</i></p>
<i>G. Affects forests and/or protected areas</i>	<i>Protection</i>	<p>(a) <i>All recognized natural habitats and protected areas in the immediate vicinity of the activity will not be damaged or exploited, all staff will be strictly prohibited from hunting, foraging, logging or other damaging activities.</i></p> <p>(b) <i>For large trees in the vicinity of the activity, mark and cordon off with a fence large tress and protect root system and avoid any damage to the trees</i></p> <p>(c) <i>Adjacent wetlands and streams will be protected, from construction site run-off, with appropriate erosion and sediment control feature to include by not limited to hay bales, silt fences</i></p> <p>(d) <i>There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas.</i></p>
<i>H. Disposal of medical waste</i>	<i>Infrastructure for medical waste management</i>	<p>(a) <i>In compliance with national regulations the contractor will insure that newly constructed and/or rehabilitated health care facilities include sufficient infrastructure for medical waste handling and disposal; this includes and not limited to:</i></p> <ul style="list-style-type: none"> ▪ <i>Special facilities for segregated healthcare waste (including soiled instruments “sharps”, and human tissue or fluids) from other waste disposal; and</i> ▪ <i>Appropriate storage facilities for medical waste are in place; and</i> ▪ <i>If the activity includes facility-based treatment, appropriate disposal options are in place and operational</i>

³ In addition, please see the ACMMP at with this document for additional mitigation measures.

<p>I Traffic and Pedestrian Safety</p>	<p><i>Direct or indirect hazards to public traffic and pedestrians by construction activity</i></p>	<p>(b) <i>In compliance with national regulations the contractor will insure that the construction site is properly secured and construction related traffic regulated. This includes but is not limited to</i></p> <ul style="list-style-type: none"> ▪ <i>Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards</i> ▪ <i>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.</i> ▪ <i>Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement</i> ▪ <i>Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public.</i> ▪ <i>Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public.</i>
<p>J. Labor Conditions</p>	<p><i>Child and Forced Labor, Working conditions, Worker GRM</i></p>	<p><u><i>Labour relations:</i></u> <i>The workers involved are considered to be the contractor's labor force and therefore the following requirements must be met:</i></p> <ul style="list-style-type: none"> - <i>Child labor (children under 18 years of age) to perform any type of work at the facility is completely prohibited;</i> - <i>Attraction of community members as public works within "khashars" is prohibited;</i> - <i>The contractor signs contract with each worker, which will have rights and obligations with observance of labor norms, that is</i> • <i>8-hour working day, and if it exceeds the set time, take into account extra-time with appropriate payment;</i> • <i>40-hour work week;</i> • <i>1 hour for lunch;</i> - <i>The Contractor shall sign with each worker a code of conduct consistent with international practice which should be followed, otherwise dismissal of workers and collection of proportionate financial penalties are possible;</i> - <i>Raise workers' awareness of the general principles of communication management with the local population;</i> - <i>Organize access of workers to toilets and areas for hand washing, which should be provided with hot and cold water, soap and a hand dryer in sufficient volume;</i> - <i>Develop a system for workers grievance redress.</i> <p><u><i>Living conditions:</i></u> <i>Given that planned work is short-term, unskilled workers should, whenever possible, be recruited from local communities, and women should be recruited to do light work. If local workers will be involved in the work, then there is no need to provide jobs for temporary residence, but there is need to provide them with adequate conditions (sleeping places, kitchen, showers, toilets, etc.).</i></p> <p><i>If workers from other regions or cities and villages who do not have their homes in the place of repair work will be involved in the work, then the contractor must provide them with housing. Housing must be provided with the following conditions:</i></p> <ul style="list-style-type: none"> - <i>Bedrooms with beds;</i> - <i>Kitchens with the ability to cook food, store food;</i> - <i>Sanitary conditions (shower or bath, toilet, place where clothes can be washed);</i> - <i>In the cold season - heating;</i> <p>(c) - <i>Central power supply.</i></p>

<p>K. Occupational Health and Safety of Workers</p>	<p><i>Covid prevention measures, safety measures</i></p>	<p><u>Health protection:</u> - At the construction site, it is necessary to have a medical first aid kit for persons who have been injured. - Daily measurement of the temperature of employees before the start of work on the construction site. - Regular activities with all employees at the construction site regarding compliance with the requirements for COVID-19 prevention; <u>Safety of employees:</u> - Provide safety training prior to commencement of each type of work and regularly check safety compliance. - Provide special clothing (masks, gloves and safety glasses, for repair work also helmets and protective shoes), personal protective equipment, tools, materials; - Provide necessary equipment for high-altitude works (temporary fences, safety belts and ropes, etc.)</p>
<p>L. Community Outreach</p>	<p><i>Public relations and Grievance Redress Mechanism</i></p>	<p>The contractor will appoint one of his employees as a contact person who is responsible for communication with the local community, as well as for receiving complaints / complaints from the local community. The contractor is obliged to consult with local communities to resolve conflict situations between interested parties, including between workers and local communities. Inform the nearby population about the repair schedule. Limit construction work at night. (a) Provide a Grievance Redress Mechanism for stakeholders and communicate information to them.</p>
<p>M. Community health and safety</p>	<p><i>Exposure to dangerous agrochemicals</i></p>	<p>(a) Prepare, consult and disclose the site-specific Pest Management Plans (b) Implement and report on information and education campaigns among farmers or their family members who perform manual labor in areas treated with pesticides, and can also face major exposure from direct spray, drift from neighboring fields, or by contact with pesticide residues on the crop or soil.</p>
<p>N. ACM issues</p>	<p><i>ACM hazards</i></p>	<p>Prepare, consult and disclose Asbestos Management plan if any ACM revealed (see example of ACM management plan in Subsection N below)</p>

Subsection N. ACM MANAGEMENT PLAN (Example)

A. Introduction

Management plan for asbestos-containing materials (hereinafter referred to as ACMMP), describes and assesses the risks of contractor organizations (as well as others) that have discovered asbestos-containing materials (hereinafter ACM) at construction sites during the project implementation period; and also, the plan provides procedures for the rapid and safe handling of any ACM that can be detected.

The contractor is responsible for the organization of work in accordance with this plan for the management of asbestos-containing materials. The design and estimate organization will be responsible for monitoring within the framework of "Author's supervision". The PMU environmental and social specialists are also responsible for monitoring compliance with the ESMP/ESMP Checklist in accordance with the monitoring plan.

A corresponding paragraph will be added to other checklists where it is planned to work with asbestos-containing material. (This object does not involve work with asbestos-containing materials.)

An example will be presented in this vein:

At the facility, it is planned to dismantle the roof from asbestos-containing material. When dismantling, it is mandatory to comply with all of the following measures.

B. Risk Assessment

Risk

1. Asbestos is a fibrous material of natural origin, widely used in buildings and other infrastructure in the 20th century; the material is strong, resistant to heat and fire. The general use of asbestos was in the production of slate sheets, asbestos cement (hereinafter AC) pipes, as well as in some parts of cars. The risk of asbestos for human health began to be widely understood at the beginning of the 20th century from the 1980s onwards, increasing the number of countries that had begun to restrict, and then its use was banned. The supply and use of ACM is currently banned in most countries, although it is not yet prohibited in the Tajikistan.
2. Inhalation of asbestos fibers can lead to serious and fatal diseases, including lung cancer, mesothelioma (internal mucosa cancer), asbestos pneumoconiosis (inflammatory lung disease). The health safety risk generally increases with prolonged and repeated exposure, but the "US Occupational Safety and Health Act" (hereinafter referred to as OSHA) states that there is no "safe level of exposure" for any type of asbestos fibers⁴.
3. At workplaces, risks are usually the greatest, if the production of work with ACM is carried out in buildings or other enclosed premises, and also where the material is dry, old, or broken. This is because the collapsing ACM, as well as the cut or chipped edges of even a new material, can be fibrous (where the fibers are easily separated), especially when they are touched.

C. Urgent measures

4. If an ACM is found on a facility, the Contractor should take the following actions:
 - a) Stop all work within a radius of 5 m from the place of ACM, evacuate all personnel from the territory of this section;

⁴ Health and Safety Management. US Department of Labor. "Safety and health issues: Asbestos." (2014) Skammeritz, E. et al. "The impact of asbestos and survival during malignant mesothelioma: A description of 122 consecutive cases in a professional clinic." International Journal of Occupational and Environmental Medicine (IJOEM), Volume 2, No 4 October 2011

- b) Mark the border of the territory within a radius of 5 m with a columnar safety fence, an alarm tape and easily visible warning signs notifying about the presence of asbestos;
- c) Inform the Project Engineers, as well as the Environmental Supervision Specialists, in order to organize an object inspection without delay.

5. Project Implementation Institution is needed to:

Notify the State Administration of Sanitary and Epidemiological Supervision.

D. Equipment

6. In order to remove asbestos from the construction site, the Contractor shall be provided with the following equipment:

- Signal tape, strong fencing posts and warning signs;
- Shovels;
- Water supply and hoses equipped with garden sprinklers;
- A bucket of water and rags;
- Bags of transparent, durable polyethylene with strings;
- Containers for asbestos-containing waste (empty, clean, sealed metal drums, with a clear designation - "contained asbestos").

E. Personal protective equipment (PPE)

7. All personnel involved in the process of handling ACM should be dressed in the following type of outfit, which must be provided by the Contractor:

- One-time overalls, equipped with a hood;
- Boots without laces;
- New gloves made of durable rubber;

Respirators are usually not required if only a few fragments of the ACM are present in a small area, and if the ACM is in a humid environment

- In a large area with severe contamination, a respirator (not dust masks) is required, with a protective factor of 20 or more (eg a respirator with a RZ filter);

It is not allowed to smoke, eat, or drink on an object with an ACM content.

F. The procedure for preparing the work site

8. These procedures should be followed when working with ACM pipes (which includes cutting, drilling, clamping, etc.), in order to minimize fiber emissions during labor activity. All workers, technical personnel and outsiders should understand the requirements of these procedures before carrying out any work with the ACM sheets. The supervisor should be responsible for coordinating activities to ensure the use of personal protective equipment when necessary. It is necessary to draw up a written document available to workers at the work site that will determine the location of the ACM pipes and any other hazardous materials.

9. Before the entrance (exit) of the work area, locker rooms for personnel equipped with airtight containers for storing contaminated disposable coveralls should be organized. Contaminated clothing must be disposed of. Repeated use and cleaning with compressed air is prohibited.

10. A protective tape with the following warning should be placed around the work area at all entrances to the work site, using fasteners to hold it in place (such a fence must be in place immediately before performing any work):

- CAUTION ASBESTOS
- NO ENTRY FOR UNAUTHORISED PEOPLE
- ENTRY ONLY IN RESPIRATORS AND PROTECTIVE CLOTHING.

11. Workers must have (at minimum) a half face-piece respirator with combination cartridges for particulate (P100) and organic vapours (OV). No single use respirators are allowed. Workers shall inspect and clean their respirators prior to each use. Workers must be fit tested and properly trained in the use, limitations, and maintenance of their respirators.

12. Labelled asbestos waste bags must be available and placed in the work area for disposal of protective coverall suits and contaminated waste such as sponges and rags.

13. Construction areas should be allocated to the individual site for garbage collection from the demolition work. Containers temporary storage of asbestos-containing waste must be sealed with tight-fitting lid and be labeled accordingly "asbestos".

G. Disposal

14. ACM if any should be disposed of safely at a local hazardous-waste disposal site if available, or at the municipal dumpsite after making prior arrangement for safe storage with the site operator.

- a) The Contractor must arrange for the disposal site operator to collect the sealed asbestos waste containers if any as soon as possible and store them undisturbed at the disposal site.
- b) At the end of construction Contractors must arrange for the disposal site operator to bury all ACM containers in any in a separate, suitably-sized pit, covered with a layer of clay that is at least 250 mm deep.

H. Personal Decontamination

15. At the end of each day, all personnel involved in handling ACM must comply with the following decontamination procedure:

- a) At the end of the decontamination operation, clean the boots thoroughly with damp rags;
- b) Peel off the disposable overalls and plastic gloves so that they are inside-out and place them in a plastic sack with the rags used to clean the boots;
- c) If a disposable respirator has been used, place that in the plastic sack, seal the sack and place it in an asbestos waste container;

I. All personnel should wash thoroughly before leaving the site, and the washing area must be cleaned with damp rags afterwards, which are placed in plastic sacks as above.

J. Clearance and Checking-Off

16. The decontamination exercise must be supervised by site supervisors (engineering or environmental).

17. After successful completion of the decontamination and disposal, the DSC Supervisor should visually inspect the area and sign-off the operation if the site has been cleaned satisfactorily.

18. The contractor should send a copy of the completion notice to the Project Implementation Institution, with photographs of the operation in progress and the site on completion.

19. J. Training

20. Environmental Specialist may hire the specialized companies to conduct training on ACCMP implementation for Contractors staff and RPCU and PIU. The training will include a session focusing on ACM, which covers:

- Risks of contact with ACM;
- Responsibilities for dealing with ACM on project's construction sites;
- The Project's ACMMP and the Protocol for site clean-up;
- Awareness-raising for the contractors' workforce.

SOCIAL SCREENING CHECKLIST

	Activities	Yes	No	Notes
1	Acquisitions of land, buildings (residential and business)		•	If "Yes", and answers other questions "No", provide relevant documents, available for the final sales transaction
2	Acquisitions or expansion of the business, which will be implemented by the demolition/relocation homeowners, renters, formal and informal user assets		•	If yes, provide more details
3	Acquisition of assets, which will cause the loss of access of people or a particular community/groups, especially ethnic minorities to: <ul style="list-style-type: none"> · Natural resources · The traditional habitat · The traditional activities · Communal utilities 		•	If yes, provide more details
4	Acquisitions/or expansion of a business that can promote/increase the risk of: <ol style="list-style-type: none"> 1. Violation of the labor code and laws including the use of child labor 2. Harassment of ethnic minority groups in the areas of project (related to their identity, dignity and livelihoods of the system of subsistence, cultural identity) 3. Human trafficking and forced labor 		•	If yes, provide more details
5	Will there be land acquisition using eminent domain law?		•	If yes, provide more details
6	Will there be permanent or temporary loss of shelter and residential land due to land acquisition?		•	If yes, provide more details
7	Will there be permanent or temporary loss of agricultural and other productive assets due to land acquisition?		•	If yes, provide more details
8	Will there be losses of crops, trees, and fixed assets due to land acquisition?		•	If yes, provide more details
9	Will there be permanent or temporary loss of businesses or enterprises due to land acquisition?		•	If yes, provide more details
10	Will there be permanent or temporary loss of income sources and means of livelihoods due to land acquisition?		•	If yes, provide more details
11	If land or private property is purchased through negotiated settlement or willing buyer-willing seller, will it result in the permanent or temporary removal or displacement of renters, or leaseholders?		•	If yes, provide more details

12	If land or private property is purchased through negotiated settlement or willing buyer-willing seller, will it result in the permanent or temporary removal or displacement of informal land-users (people without legal rights on the land) or squatters?		•	If yes, provide more details
13	Will the project involve any permanent or temporary restrictions in land use or access to legally designated parks or protected areas and cause people or any community to lose access to natural resources, traditional habitats, communal land, or communal facilities?		•	If yes, provide more details
14	Will the project use government land or any public land or property, which will require the permanent or temporary removal of informal occupants or users (residential or economic)?		•	If yes, provide more details

The Social Development Specialist confirms that the assigned land / proposed subproject
 Has Involuntary Resettlement (IR) impact, a Resettlement Action Plan is required
 Will not have IR impact

Completed by (full name and contacts): _____

Signature: _____

Date: _____

Conclusions and recommendations:

The ESMP checklist will be included in the contract document and may be updated to include necessary measures and actions.

The subproject includes renovation works. The subproject will not have [any] impact on land acquisition, including temporary works. The contractor is likely to hire local women for temporary work, such as cleaning the area, catering workers, which will make up about 10% of the workers. Potential environmental and social impacts and risks are moderate. Therefore, the designer will develop a checklist that provides for all existing risks and impacts on the social and environmental spheres, as well as measures to minimize or eliminate them.

Verified byPIU MOF RT.....

Approved Director of PIU MFD.....

Date:

Date:

Photos

