

RISK ASSESSMENT AND RISK MANAGEMENT PLAN

Risk Description	Risk Assessment	Mitigation Measures or Risk Management Plan
A. Governance		
Public financial management		
Financial management capacity of MOET is low.	High	A dedicated accountant will be assigned to the PMU. The design and supervision consulting firm includes a financial management expert, who will support the PMU in project accounting and auditing.
Procurement		
Procurement capacity of MOET is low.	High	A dedicated procurement specialist will be assigned to the PMU to support the bidding process for the civil works contracts. The design and supervision consultant will be contracted in advance action with support from ADB.
Corruption		
MOET does not have an anticorruption strategy or action plan.	Medium	Simplified procedures, no imprest accounts, and only two contracts with direct payment methods
B. Other		
Disasters caused by natural hazard events result in loss of lives, damage to schools, and disruption of school services. El Niño increases drought conditions and tropical cyclones. Refer to http://reliefweb.int/report/world/el-ni-o-pacific-23-july-2015	High	Put school disaster risk management plans in place, train schools and communities on disaster risk reduction and preparedness, build emergency shelters (multi-use dining halls) with additional water supply, sanitation, and storage. Reconstruction of school buildings follows disaster resilient standards, including strengthening of existing buildings.
School reconstruction material not available in rural areas, delaying implementation. Risk of adequate financing for incremental recurrent operating costs.	Medium	Maintenance of junior secondary schools already provided through government budget, school fees, and community support. Grant assurance included. Schools will be trained on budgeting and implementation of maintenance planning.
Constrained implementing capacity (government), given limited and overcommitted MOET human resources and systems	Medium	Support from ADB and consultants for procurement, financial management, implementation and monitoring, safeguard policies, climate change, and procedures. Close monitoring from project implementation team.
Climate change. Sea level rise and storm surge. Slope stability vulnerable to heavy rain. Public health issues, particularly vector-borne diseases, reduced water supply for sanitation and personal hygiene, respiratory diseases because of poor ventilation in dormitories.	Medium	Put school disaster risk management plans in place, train schools and communities on disaster risk reduction and preparedness. Reconstruction to include climate proofing. Minimize drainage runoff onto slopes. Monitor risk and take corrective action as school and community share responsibility. Install insect mesh to all openings of dormitories and dining halls. Improve personal hygiene by upgrading bathrooms and installing separate toilets.
Volcanic eruption.	Medium	Monitored by government. Refer to http://www.geohazards.gov.vu/ As above, put school

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		disaster risk management plans in place, train schools and communities on disaster risk reduction and preparedness, and conduct regular drills.
School reconstruction and maintenance of poor quality. Corrosive marine atmosphere and volcanic ash accelerate deterioration of metals. Absence of building maintenance plans and inadequate resources.	Low	Reconstruction design based on “build back better” concepts, i.e., resilient to climate change and disaster. Training of local communities on maintenance. Training of MOET on maintenance with plans for each school property.
Gender security, safety, and health issues. Women and girls are particularly vulnerable, requiring privacy and lighting, especially in bathrooms and toilets.	Low	Upgrade accessibility and security of facilities, including pathways, during reconstruction. Pay particular attention to bathrooms and toilets. School plan to ensure frequent monitoring.
Traffic hazard from public road through school zone	Low	Re-route public road where possible. Add barriers to existing road, improve signage before and after schools.
Overall	Medium	

ADB = Asian Development Bank, MOET = Ministry of Education and Training, PMU = project management unit.
Source: Asian Development Bank.