

PROJECT PREPARATORY TECHNICAL ASSISTANCE

A. Justification

1. The project preparatory technical assistance (PPTA) is necessary to (i) conduct thematic assessments; (ii) prepare medium-term roadmap and plans; (iii) carry out due diligence; (iv) prepare report and recommendation of the President (RRP) and project administration manual (PAM); and (v) improve project readiness.

B. Major Outputs and Activities

2. The PPTA will have the following outputs produced through various assessments, consultations, and capacity building activities:

- (i) **Thematic assessment reports.** Through desk reviews, surveys, and stakeholder consultations, assessments required to design outputs and activities related to pre-primary and inclusive education, kindergarten and school construction, expansion, and rehabilitation will be conducted.
- (ii) **Medium-term roadmap and plans.** Medium-term roadmap and plans to achieve targets specified in the government's plans and strategies will be prepared with inputs from the thematic assessments, institutional capacity assessment, and stakeholder consultations.
- (iii) **Economic, financial, governance, poverty, and social due diligence.** The economic and financial analyses of the project will be conducted in accordance with Asian Development Bank's (ADB) guidelines. Financial management and procurement capacity assessments will also be carried out and risks and mitigation measures will be identified. Based on poverty and social analysis, including gender analysis, gender and social action plans will be prepared.
- (iv) **Safeguards due diligence.** The project is categorized B for environment, involuntary resettlement, and indigenous peoples. An initial environmental examination for the project will be conducted and a generic environment management plan (EMP) will be prepared. A social impact assessment will be carried out for resettlement, and where necessary, resettlement plans will be prepared. On ethnic minority issues, a detailed assessment will be performed and an ethnic minority development plan will be prepared.
- (v) **Report and recommendation of the President, and project administration manual.** Based on the above, the RRP and PAM will be drafted to ensure effective management and implementation of the project.
- (vi) **Training and preparation of procurement and consultant recruitment packages.** The project implementation unit will be established by the MECSS and provided with training on ADB's policies and procedures. Engineering firm recruitment and some goods procurement packages will be prepared to be ready for advertisement.

Table A3.1: Summary of Major Outputs and Activities

Major Activities	Expected Completion Date	Major Outputs	Expected Completion Date
Thematic assessments	January 2017	Thematic assessment reports	January 2016
Safeguards due diligence	February 2017	Initial environmental examination, generic EMP, social impact assessment report, resettlement plans, ethnic minority development plan	February 2017
Economic, financial, governance, and poverty and social due diligence	February 2017	Economic analysis, financial analysis, financial management and procurement capacity	March 2017

Major Activities	Expected Completion Date	Major Outputs	Expected Completion Date
Preparation of RRP and PAM Consultations with the government and development partners	March 2017	assessments, poverty and social analysis report, GAP, SDAP	March 2017
	April 2017	Draft RRP and PAM Medium-term roadmap and plans	April 2017
Training of MECSS and PIU and preparation of consultant recruitment and goods procurement packages	July 2018	TORs, cost estimates, technical specifications, bidding documents	July 2018

EMP = environmental management plan, GAP = gender action plan, MECSS = Ministry of Education, Culture, Science and Sports, PAM = project administration manual, PIU = project implementation unit, RRP = report and recommendation of the President, SDAP = social development action plan, TOR = terms of reference.

Source: Asian Development Bank.

C. Cost Estimate and Proposed Financing Arrangement

3. The PPTA is estimated to cost \$800,000 equivalent, of which \$800,000 will be financed on a grant basis by the Japan Fund for Poverty Reduction. The government will provide counterpart support in the form of counterpart staff, information, documents and data, and other in-kind contributions. The detailed cost estimate is presented in Table A3.2.

Table A3.2: Cost Estimates and Financing Plan
(\$'000)

Item	Total Cost
Asian Development Bank^a	
1. Consultants	
a. Remuneration and per diem	
i. International consultants (20 person-months)	457.7
ii. National consultants (44 person-months)	124.4
b. International and local travel	48.7
c. Reports and communications	10.0
2. Workshops, training, seminars, and conferences ^b	40.0
3. Surveys	30.0
4. Miscellaneous administration and support costs	10.0
5. Representative for contract negotiations	12.0
6. Contingencies	67.2
Total	800.0

^a Financed by the Japan Fund for Poverty Reduction.

^b Include inception, midterm, and final workshops (Ulaanbaatar), consultation workshops on physical investments and inclusive education (Ulaanbaatar), and regional consultation workshops on inclusive education and educational resources (central, khangai and western regions).

D. Consulting Services

4. A total of 20 person-months of international and 44 person-months of national consulting services will be required. Individual consultants will be engaged (6.5 person-months of international and 20 person-months of national consulting services) to conduct thematic assessments and related due diligence (environment and ethnic minorities), while 13.5 person-months of international and 24 person-months of national consulting services will be engaged through a firm (quality- and cost-based selection [90:10]; simplified technical proposal) to develop the project design, conduct due diligence of the other aspects, and prepare the RRP and PAM. ADB will ensure coordination of the outputs developed by the individual consultants and the firm. All consultants will be engaged in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Output-based contracts and lump sum payments will be used under the TA.

5. **Pre-primary education specialists** (international, 1.5 person-months; national, 4.0 person-months) **and inclusive education specialists** (international, 1.5 person-months; national, 4.0 person-months). **Qualifications:** a graduate degree in education; 10 years

(international), or 7 years (national) of experience in conducting policy-oriented research on pre-primary or inclusive education. **Tasks:** conduct thematic assessments on pre-primary and inclusive education to be used for the project design and medium-term roadmap and plans.

6. **Ethnic minority education specialist** (national, 3.0 person-months). **Qualifications:** a graduate degree in anthropology or sociology; 7 years of experience in researching ethnic minority issues in the education sector. **Tasks:** conduct a detailed assessment of ethnic minority issues in the education sector in preparation of an ethnic minority development plan.

7. **Physical investment planning specialists** (international, 1.5 person-months; national, 4.0 person-months). **Qualifications:** a graduate degree in economics or education finance; 10 years of experience in conducting physical investment planning in the education sector (international), or 5 years of experience in working on physical investment plan and/or handling education statistics (national). **Tasks:** (i) prepare a thematic assessment on physical investment needs for kindergarten and school buildings and facilities; (ii) identify sites for kindergarten and school construction, expansion and rehabilitation; and (iii) conduct an analysis of the demand for energy efficient kindergartens and schools, and related costs (construction, operations and maintenance) and benefits.

8. **Environment specialists** (international, 2.0 person-months; national, 5.0 person-months). **Qualifications:** a graduate degree in environment sciences; 10 years (international), or 5 years (national) of experience in preparing environmental safeguards documentations. **Tasks:** (i) review potential environmental impacts during demolition of school buildings for reconstruction, including handling and disposal of spoils, and possible new sites for kindergarten and schools to avoid areas with polluted soil; and (ii) conduct an initial environmental examination for the project, and prepare a generic EMP.

9. **Education specialist, team leader** (international, 5.0 person-months) **and education specialist, deputy team leader** (national, 7.0 person-months). **Qualifications:** a graduate degree in education; 10 years of experience in designing education projects (international), or 7 years of experience with consultant assignments under education projects (national). **Tasks:** (i) conduct an institutional capacity assessment, and identify measures to increase efficiency in public spending on education and strengthen institutional capacity in the education sector; (ii) review policies, statistics, and other materials related to pre-service and in-service teacher training; and (iii) design output 3 of the project.

10. **Textbook and teaching-learning material specialists** (international, 2.0 person-months; national, 3.0 person-months). **Qualifications:** a graduate degree in education; 10 years of experience in designing components related to textbooks and teaching-learning materials (international), or 7 years of experience with consultant assignments under education projects (national). **Tasks:** (i) conduct reviews of policies, statistics, and other materials; (ii) develop and carry out surveys; and (iii) design output 2 of the project.

11. **Civil engineers and/or architects** (international, 1.5 person-months; national, 3.0 person-months). **Qualifications:** a bachelor degree in civil engineering, or architecture; 10 years (international), or 7 years (national) of experience in designing education facilities. **Tasks:** (i) prepare preliminary designs and specifications, and cost estimates of kindergarten and school construction, expansion, and rehabilitation; and (ii) ensure that kindergartens and schools supported by the project will be connected to municipal services and/or others for water supply, waste, and wastewater collection and/or treatment, and heating.

12. **Resettlement specialists** (international, 1.0 person-month; national, 3.0 person-months). **Qualifications:** a graduate degree in sociology; 10 years (international), or 5 years (national) of experience in conducting socioeconomic surveys, and preparing involuntary

resettlement safeguards documentations. **Tasks:** (i) conduct a social impact assessment for resettlement; and (ii) prepare resettlement plans, where necessary.

13. **Poverty, gender, and social specialists** (international, 1.5 person-months; national, 3.0 person-months). **Qualifications:** a graduate degree in sociology; 10 years (international), or 7 years (national) of experience in conducting socioeconomic surveys, gender analysis, poverty and social analysis, and preparing social and gender action plans and ethnic minority development plans. **Tasks:** (i) conduct poverty and social analysis, including gender analysis; and (ii) prepare a gender and social action plan, and an ethnic minority development plan.

14. **Economists** (international, 1.0 person-month; national, 2.0 person-months). **Qualifications.** a graduate degree in economics or finance; 10 years (international), or 5 years (national) of experience in preparing cost estimates, conducting economic and financial analyses of projects. **Tasks:** (i) prepare costs estimates and financial projections; and (ii) conduct economic and financial analyses of the project in accordance with ADB's guidelines.

15. **Financial management specialists** (international, 1.5 person-months; national, 3.0 person-months). **Qualifications:** a graduate degree in public financial management, accounting, or law with a recognized professional accountancy qualification; 10 years (international), or 5 years (national) of experience in conducting financial management and procurement capacity assessments. **Tasks:** (i) conduct financial management and procurement capacity assessments; and (ii) prepare a risk assessment and management plan.

E. Implementation Arrangements

16. The MECSS will be the executing and implementing agency of the PPTA. The MECSS will establish a steering committee to review and comment on the project design, medium-term roadmap and plans, and other project documents. The PPTA will be implemented from November 2016 to September 2018. The proceeds of the TA will be disbursed in line with the *Technical Assistance Disbursement Handbook* (2010, as amended from time to time).

Table A3.4: Technical Assistance Processing and Implementation Schedule

Major Milestones	Expected Completion Date
Project preparatory technical assistance approval/concept clearance	II November 2016
Mobilization of individual consultants	III November 2016
Mobilization of consulting firm	II January 2017
Submission of inception report	I February 2017
Submission of draft final report	I March 2017
Submission of final report	IV April 2017
Physical completion	June 2018
Financial closure	August 2018

Source: Asian Development Bank.