

TECHNICAL ASSISTANCE FOR PROGRAM PREPARATION

A. Justification

1. The transaction TA is required for designing the program and enhancing program readiness through appropriate advance actions.

B. Outputs and Activities

2. Due diligence assessments will include:

- (i) review of health information system enhancement requirements;
- (ii) review of key health security gaps and measures to strengthen them;
- (iii) review of human resources imbalances and corrective measures, including a structured capacity development plan and strengthening training institutions;
- (iv) infrastructure gap assessment;
- (v) medical equipment gap assessment;
- (vi) review of service delivery gaps from the perspective of equity and quality;
- (vii) review of health sector financing, including the BHTF, and options to improve sustainability;
- (viii) review of community mobilization and information, education, and communication requirements;
- (ix) procurement and governance due diligence;
- (x) safeguards due diligence;
- (xi) economic and financial analysis;
- (xii) gender, social, and poverty analysis; and
- (xiii) procurement plan and detailed cost estimates.

3. The major outputs and activities are summarized in Table 2.

Table A3.1: Summary of Major Outputs and Activities

Major Outputs	Delivery Dates	Key Activities with Milestones
1. Inception report (with draft technical and governance assessments)	September 2017	1.1. Consultants mobilized 1.2. Conduct field-level technical, governance, and systems assessments 1.3. Conduct inception workshop
2. Interim report (with draft project and technical assistance design, draft project administration manual, due diligence assessments)	November 2017	2.1. Prepare draft project design 2.2. Prepare draft project administration manual 2.3. Prepare due diligence assessments
3. Draft final report (with detailed costs, procurement plan, draft terms of reference, and bid documents)	January 2018	3.1. Finalize procurement plan, detailed costs 3.2. Finalize policy matrix 3.3. Finalize project monitoring framework
4. Final report	March 2018	4.1. Submit final report

Source: Asian Development Bank.

C. Cost and Financing

4. The TA is estimated to cost \$600,000, of which \$500,000 will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF 6). The key expenditure items are listed in Table A3.2. The government will provide counterpart support in the form of counterpart staff and office space, and other in-kind contributions.

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

Item	Amount
Asian Development Bank^a	
1. Consultants	
a. Remuneration and per diem	
i. International consultants (19 person-months)	245.0
ii. National consultants (18 person-months)	172.0
b. International and local travel	40.0
c. Reports and communications	2.0
2. Equipment ^b	2.0
3. Workshops, training, seminars, and conferences ^c	1.0
a. Facilitators	
b. Training program	
4. Vehicle ^d	1.0
5. Surveys	2.0
6. Miscellaneous administration and support costs	5.0
7. Contingencies	30.0
Total	500.0

Note: The technical assistance (TA) is estimated to cost \$600,000, of which contributions from the Asian Development Bank are presented in the table above. The government will provide counterpart support in the form of counterpart staff and office space, and other in-kind contributions. The value of government contribution is estimated to account for 17% of the total TA cost.

^a Financed by the Asian Development Bank's Technical Assistance Special Fund (TASF 6).

^b Equipment (assets will be transferred to the government upon TA completion).

Type	Quantity	Cost
Laptops	2	\$1,000
Multifunction printer (printer, copy, fax, and scanner)	1	\$500
Stationery		\$500

^c Workshops, training, seminars, and conferences

Purpose: Stakeholder consultations, meetings, workshops Venue: Government office or hotel

^d Vehicle: Consultations, meetings with stakeholders will be conducted. Therefore, lease of two vehicles for a period of 8 months is required.

Source: Asian Development Bank estimates.

D. Implementation Arrangements

5. ADB will administer the TA, including selection, supervision, and evaluation of consultants. The MOH will guide and coordinate the TA implementation. A coordination unit will be established in the Policy and Planning Division of the MOH, which will be responsible for coordinating the TA, including liaising with policy makers and stakeholders, collecting and analyzing data, supporting consultants, providing logistical support, and organizing workshops. All TA-financed goods will be procured in line with ADB's Procurement Guidelines (2015, as amended from time to time). All disbursements under the TA will be done in accordance with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time). The TA will be implemented over a period of 8 months with expected commencement in August 2017 and completion in March 2018.

Table A3.3: Implementation Arrangements

Aspects	Arrangements		
Indicative implementation period	August 2017–March 2018		
Executing agency	Asian Development Bank (ADB)		
Consultants	To be selected and engaged by ADB		
	Quality- and cost-based selection (firm)	34 person-months	\$440,000
	Individual	3 person-months	\$60,000
Disbursement	The technical assistance (TA) resources will be disbursed following ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).		
Asset turnover or disposal arrangement upon TA completion	Assets will be transferred to the government upon TA completion.		

Source: Asian Development Bank.

6. **Consulting services.** A total of 37 person-months (19 international and 18 national) of consulting inputs will be provided under the TA. ADB will engage a firm (total of 34 person-months) and one individual consultant (3 person-months). The selection and engagement of consulting inputs will be carried out in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consulting firm will be selected on the basis of simplified technical proposal in accordance with quality- and cost-based selection procedures. A quality–cost ratio of 90:10 will be followed.

Table A3.4: Summary of Consulting Services Requirement

Positions	Person-Months Required
A. Firm	
International	
Public health/ health systems expert (Team leader)	5
Public health/ health security expert	3
Human resources and capacity development expert	2
Financial management expert	2
Procurement expert	2
Health information technology expert	2
National	
Health economist/ financing expert	3
Health information technology expert	3
Social and behavior change communication expert	1
Monitoring and evaluation expert	1
Infrastructure expert (civil engineer)	3
Medical equipment expert	1
Social development expert (gender and poverty)	2
Social development expert (social safeguards)	2
Environment expert (safeguards)	2
B. Individual consultant (international)	
Health financing expert	3

Source: Asian Development Bank.

7. The outline terms of reference for the project preparatory TA consultants are described in paras. 8 to 23.

a. Consulting Firm

8. **Public health/health systems expert (Team leader) (international; 5 person-months).** The team leader will be responsible for guiding the collective work of the consulting team and for

timely preparation and quality control of all reports, undertake key technical and due diligence assessments, and prepare detailed project design and components.

9. **Public health/health security expert (international, 3 person-months).** S/he will lead the review and assessment of health security and international health regulations gaps, assess the performance of and gaps in government diseases surveillance systems and control programs, and lead in the detailed design of the health security investment project component.

10. **Human resources and capacity development specialist (international, 2 person-months).** The consultant will review human resources imbalances and requirements, assess key training and capacity needs of relevant stakeholders and health workers, and formulate the overall human resources/ capacity development strategy and framework under the project.

11. **Financial management expert (international, 2 person-months).** The expert will conduct financial due diligence in accordance with ADB's requirements and guidelines.

12. **Procurement expert (international, 2 person-months).** The expert will (i) prepare procurement plan, (ii) finalize the bidding documents of all goods and services, and (iii) conduct procurement capacity assessment of executing and all implementing agencies.

13. **Health information technology expert (international, 2 person-months).** The expert will be responsible for outputs produced pertaining to health information systems (disease surveillance, health and hospital management systems) in the project design.

14. **Health economist/ financing expert (national, 3 person-months).** The expert will assist the international health financing expert (individual consultant), and conduct economic and financial analysis of the project component.

15. **Health information technology expert (national, 3 person-months).** The expert will assist the international health IT expert and be jointly responsible for outputs produced pertaining to health information systems (disease surveillance, health and hospital management systems) in the project design.

16. **Social and behavior change communication expert (national, 1 person-month).** S/he will (i) draft the overall behavior change communication (BCC) strategy and implementation plan, and (ii) develop terms of reference for the BCC and/or community mobilization consulting firm.

17. **Monitoring and evaluation expert (national, 1 person-month).** The consultant will closely work with the team leader to design the project results framework and performance monitoring mechanisms.

18. **Infrastructure expert (civil engineer) (national, 3 person-months).** The tasks include (i) assess and validate proposed upgrading and prepare basic sketches; (ii) prepare detailed cost estimates based on cost norms; and (iii) prepare construction design and implementation arrangements, including terms of reference and procurement method.

19. **Medical equipment expert (national, 1 person-month).** The expert will identify the list of equipment, with detailed specifications, that will need to be procured.

20. **Social development expert (gender and poverty) (national, 2 person-months).** The expert will (i) prepare a summary poverty reduction and social strategy following ADB's Handbook

on Poverty and Social Analysis (2012); and (ii) conduct gender analysis, confirm the gender classification for the project, and develop project-specific gender action plan.

21. **Social development expert (social safeguards) (national, 2 person-months).** The expert will, following applicable ADB's policies and guidelines, conduct due diligence and social impact assessments, and prepare relevant safeguard plans and documents along with details on implementation arrangements. For the policy-based component, the expert will evaluate the potential direct or indirect impacts of the project. If potential impacts are identified, a matrix of potential impacts of each policy action and appropriate mitigation measures will be prepared.

22. **Environment expert (safeguards) (national, 2 person-month).** The expert will prepare environment assessment and review framework, and initial environmental examination for the investment project, following applicable ADB's policies and guidelines. For the policy-based component, the expert will evaluate the potential direct or indirect environmental impacts of the project. If potential impacts are identified, a matrix of potential impacts of each policy action and appropriate mitigation measures will be prepared.

b. Individual Consultant

23. **Health financing expert (international, 3 person-months).** The expert will: (i) advise and assist the team leader with the sector development program design; (ii) identify policies for program support, MOH and BHTF capacity building; and (iii) review policy adjustment costs, prepare the policy matrix including monitoring framework.