

Public Consultation meeting
on
Environmental and Social Consideration for
The Preparatory Survey for the Assam Health System
Strengthening Project

Date:

Implementing Agency:

Government of Assam, Health and Family Welfare
Department (HFWD)

Supported by:

Japan International Cooperation Agency (JICA)
Koei Research & Consulting Inc.
Yamashita Sekkei Inc.
Nippon Koei India Pvt. Ltd.

AGENDA

1. Project Introduction
2. Result of Environmental and Social Impact assessment
3. Question Answer with feedback
4. Submission of Thanks

INTRODUCTION: Background

The target area of the survey is Assam State, which is the largest state in the North Eastern Region (NER) in India accounting nearly 70% of the population of all eight states of NER. It is the third lowest in all Indian states in achieving the “Sustainable Development Goal (SDG) 3” (Ensure healthy lives and promote wellbeing for all at all ages) [NITI Aayog, 2019]. As of 12th November 2021, a total of 580,657 infected persons have been confirmed for coronavirus disease 2019 (COVID-19), and the death toll has reached 1,119 [Government of Assam, 2021].

The Government of Assam (GOA) has made efforts to strengthen the primary healthcare system with the aim of achieving Universal Health Coverage (UHC) through the implementation of the National Health Mission (NHM). However, strengthening the entire medical system in terms of fostering medical personnel by medical college hospitals, preventing the outflow of human resources, strengthening the systems and operations of secondary and tertiary medical institutions, renewing aging facilities and equipment, and strengthening cooperation between medical institutions are remaining to be major issues. In addition, the spread of COVID-19 has caused further burden on the medical institutions in the state.

The project aims to improve access and quality of service for rural residents in Assam State by improving and strengthening the medical and educational institutions, focusing on core medical centres of secondary and tertiary medical institutions.

INTRODUCTION: Project Outline I

Objectives of the Project

This project aims to strengthen the healthcare system in Assam State by strengthening the functions of medical institutions and educational/ human resource development institutions, which are core medical centres of secondary and tertiary medical institutions (medical college hospitals).

Outline of the Project

- (1) Strengthening medical institutions (facilities, equipment)
 - 1) Improvement of existing tertiary medical institutions (medical college hospitals) and provision of related equipment.
 - 2) Improvement of existing secondary medical institutions and provision of related equipment.
- (2) Strengthening the capabilities of medical professionals.
- (3) Strengthening the organizational and management capabilities for provision of the medical services.
- (4) Consulting service including design development, tender assistance, supervision for construction and equipment work, and capacity development.

INTRODUCTION: Project Outline 2 Facility improvement plan

Proposal for Various Institutions		Floor Area (sqm)	Stories	Remarks
I. Super Specialty Wing in Medical Colleges				
1	Silchar Medical College Hospital, Cachar	29,500	G+5	Total 170 beds (Include ICU 50 beds)
2	Tezpur Medical College Hospital, Tezpur	32,500	G+6	Total 200 beds (Include ICU 50 beds)
3	Jorhat Medical College Hospital, Jorhat	37,500	G+3 (+B2)	Total 260 beds (Include ICU 20 beds)
4	Fakhruddin Ali Ahmed Medical College Hospital, Barpeta	19,000	G+5 (+B1)	ICU 50 beds
5	Diphu Medical College Hospital, Diphu	19,000	G+5 (+B1)	ICU 50 beds
6	Lakhimpur Medical College Hospital, Lakhimpur	19,000	G+5 (+B1)	ICU 50 beds
I. Infrastructure Improvement in District Hospital				
Type 1 (At four locations)				
S.M Dev Civil Hospital, Silchar		18,000	G+2	Total 150 beds (Include ICU 10 beds)
Udalguri Civil Hospital, Udalguri		18,000	G+2	Total 150 beds (Include ICU 10 beds)
Hojai Civil Hospital, Hojai		18,000	G+2	Total 150 beds (Include ICU 10 beds)
S.K Roy Civil Hospital, Hailakandi		18,000	G+2	Total 150 beds (Include ICU 10 beds)
Type 2 (At two locations)				
Mangaldoi Civil Hospital, Darrang		6,000	G+1	Emergency Centre
Haflong Civil Hospital, Dima Hasao		6,000	G+1	Emergency Centre
I. Dedicated Training, Monitoring, Administrative Centre, Swasthya Bhawan				
		8,047	G+6	Training Health Centre

Environmental and Social Impacts of the Project

The proposed project components for Jorhat Medical Collage and Hospital does not require EIA study, but it is necessary to be approved by Assam State Environmental Impact Assessment Authority to get Environmental Clearance. Therefore, JICA study team are conducting environmental social consideration survey to promote sustainable project implementation. Study team selected environmental and social items which are assumed some impact from the project.

Pollution Control Measures	Natural environment	Social environment	
Air quality	Flora/ Fauna & Biodiversity	Local economy	Land scape
Water quality	Hydrology	Land Use and Utilization of Local Resources	Occupational Health and Safety
Waste		Existing social infrastructure and service	Community Health and Safety
Noise & Vibration		Infectious disease and HIV	Global Warming/Cross-border impact,

Environmental and Social Impacts of the Project: Results

Key features of negative and positive impacts were classified as A to D in accordance with the following criteria, and mitigation measures are proposed as in the table.

- 1) A-: Significant Negative Impact A+: Significant Positive Impact
- 2) B-: Some Negative Impact B+: Some Positive Impact
- 3) D: No Impacts or Impacts are negligible

Category	Impacts	Ratings		Impact & Representative Mitigation Measures	
		CO	OP	CO: Construction Phase	OP: Operation Phase
Pollution control measures	Air quality	B-	B-	<ul style="list-style-type: none"> ·Impact of air quality is expected some extent due to construction of facilities ·Water sprinkling during dry season to reduce dust 	<ul style="list-style-type: none"> ·Usage of power generator may result emission of air pollutants ·Setting stack height enough high to avoid downwash, usage of contaminant free fuel
	Water quality	B-	B-	<ul style="list-style-type: none"> ·Impact of water quality is expected some extent due to construction activities 	<ul style="list-style-type: none"> ·Discharge of wastewater and medical liquid waste may be generated ·Treatment unit for wastewater and liquid waste will be installed and properly operated to avoid contamination
	Waste	B-	B-	<ul style="list-style-type: none"> ·Excavated rock & soil, wastes from construction activities ·Restored as a property of contractor 	<ul style="list-style-type: none"> ·Various types of wastes(medical, general) will be generated ·Properly segregated, treated and handed over to authorized third party and disposed
	Noise & vibration	B-	B-	<ul style="list-style-type: none"> ·Impact is expected due to construction ·Limitation of the time zone of construction 	<ul style="list-style-type: none"> ·Operation of medical facilities may produce noise and vibration, but these are minimal and to be controlled

Environmental and Social Impacts of the Project: Results

Social Environment, Health and Safety

Impacts	Ratings		Impact & Representative Mitigation Measures	
	CO	OP	CO: Construction Phase	OP: Operation Phase
Local economy	B+	B+	·Positive impact due to increase of job opportunity is expected	·Positive impact on local economy is expected by the operation of the hospital.
Existing social infrastructure and service	B-	B-	·Impact on traffic condition is expected due to increase of traffic for construction activities ·Negative impacts can be minimized by controlling construction traffic properly	·Impact on traffic condition is expected due to increase of traffic for operation of hospital
Landscape	B-	D	·Some modification on landscape is expected as the building height will be 3 floors	·NA
Community Health and Safety	B-	B+	·Some negative impacts on public health are anticipated due to the influx of construction workers ·The negative impacts can be minimized by conducting health trainings to workers	·Positive impact is expected due to the improvement of medical service by the project.

QUESTIONS, ANSWERS & FEEDBACK

As discussion points, if there are any specific concerns regarding following issues please give feedbacks;

- Modification of landscapes
- Increase of traffic due to construction activities/operation of project facilities (increased volume of traffic of staff, related services etc.)
- In case there are any opinion or complaints during implementation of the project, project implementation unit will be the first contact for community people. If there are any other suitable contact point for community people, please inform survey team,
- Any other concerns or comments for the proposed project.

Thank You for your
attendance and cooperation

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) FUNDED

“ASSAM HEALTH SYSTEM STRENGTHENING PROJECT”



Project Objectives:

The Project aims to Strengthen the health care system in Assam State by strengthening the functions of medical institutions and educational/human resource development institutions, which are core medical centres of secondary and tertiary medical institutions (medical college hospitals).

Project outline -

- Improvement of existing tertiary medical institutions (medical college hospitals) and provision of related equipment.
- Improvement of existing secondary medical institutions and provision of related equipment.
- ICT intervention in healthcare system
- Strengthening organizational capabilities and cooperation, as well as strengthening the capabilities of healthcare workforce
- Project implementation support and coordination

Components of the Project-

- Construction and development of super speciality wing in six medical colleges (Silchar, Tezpur, Jorhat, Barpeta, Diphu & Lakhimpur).
- Infrastructure Improvement in six district hospitals (Silchar, Udalguri, Hojai, Hailakandi, Darrang & Dima Hasao).
- Dedicated Training, monitoring, administrative centre, Swasthya Bhawan.
- Training & Capacity Building of medical staffs.
- Improve Hospital Management Information System.

Interested Persons and Stakeholders can express their views and opinion via mail at jica.pmu.health.assam@gmail.com

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Health and Family Welfare Department, Government of Assam

Assam Health System Strengthening Project

Funded by Japan International Corporation Agency



Objectives - The objective of the Project is to improve the quality of medical services for the residents of the target areas in the state of Assam by comprehensively promoting the development of public medical institutions, mainly secondary and tertiary medical facilities that will serve as core medical centres, the capacity development of medical personnel, and improvement of the management of medical services, thereby contributing to achieve Universal Health Coverage (UHC) in the state.

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**Assam Health System Strengthening Project
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Public Notice

Notice is hereby given to all interested persons to express their views via online mode for the **Japan International Cooperation Agency (JICA) funded Assam Health System Strengthening Project under Health & Family Welfare Department, Government of Assam**. The brief description on the project is also provided below and expected to get the views and opinion via mail at jica.pmu.health.assam@gmail.com from the general public and stakeholders within 15 days from the date of publication.

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