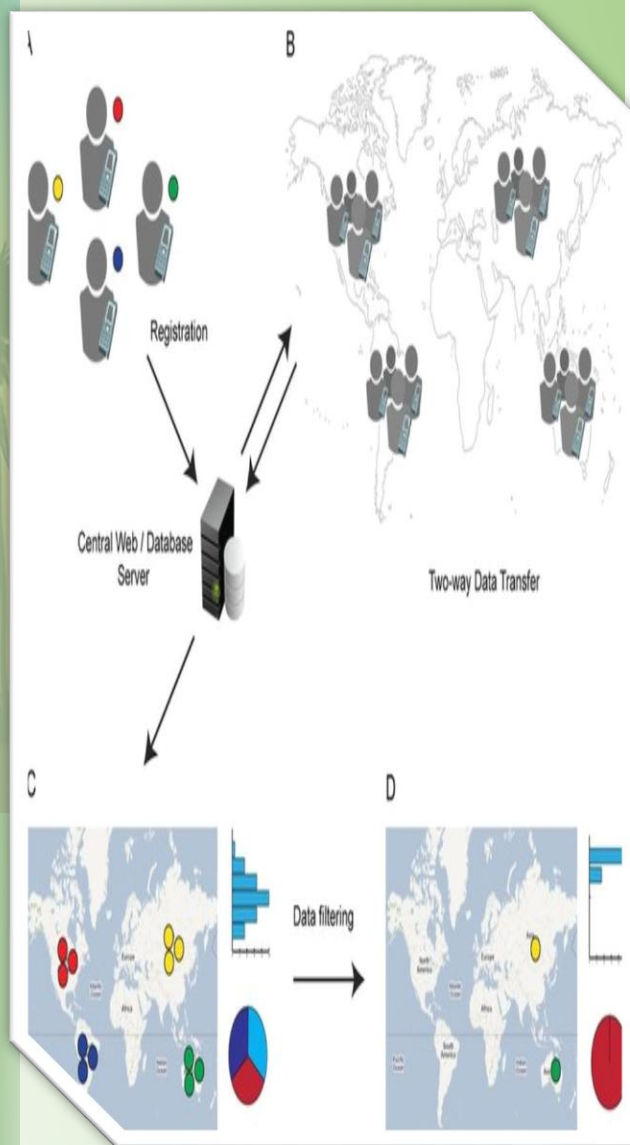
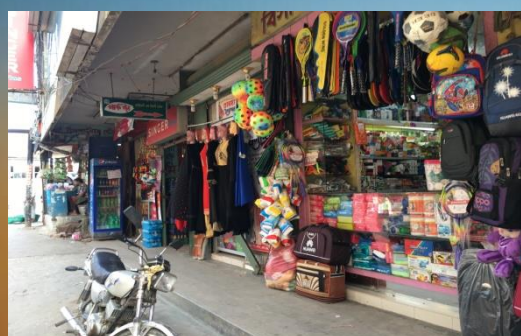




URBAN DEVELOPMENT DIRECTORATE (UDD)
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH



Mobilization Report

on

Package-4

Socio-economic and other related surveys, "Preparation of Payra-Kuakata Comprehensive Plan Focusing on Eco-Tourism (PKCP)"

September 2018

Consultants:

GEO MARK
LIMITED

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CHAPTER ONE

1. Introduction

1.1 Report Overview

Physical Plan aims to improve the living condition of the residents of the area for which such a plan has been prepared. In order to ascertain the felt needs, expectations and the level of prevailing services it is necessary to conduct socio-economic surveys. Socio-economic Survey provides the socio-economic profile of an area as well as attitudes/aspirations of the residents which help the planners to decide on the requirement of land for different uses as well as level of services that needs to be ensured and incorporated in the plan document. The TOR provides for survey households of the project area to get information on the following aspects:

- Demographic information: Age, sex, growth rate, household size, migration, etc.
- Religious Group: Religious status.
- Education Status : Primary, secondary, higher & others
- Occupation Pattern : Government, private, business, farming, labour and others
- Income Level : Lower, medium and higher (income range)
- Ownership Pattern: Land ownership information, type of dwelling houses etc.
- Land Value: Low land, ditch land, built-up & buildable land etc.
- Health Facilities: Type of facilities in hospital, private clinic and dispensary etc.
- Recreation facilities: Type of facilities (Active and Passive).

Data from both the secondary and primary sources will be utilised to accomplish the specified objectives of the study.

1.2 Background

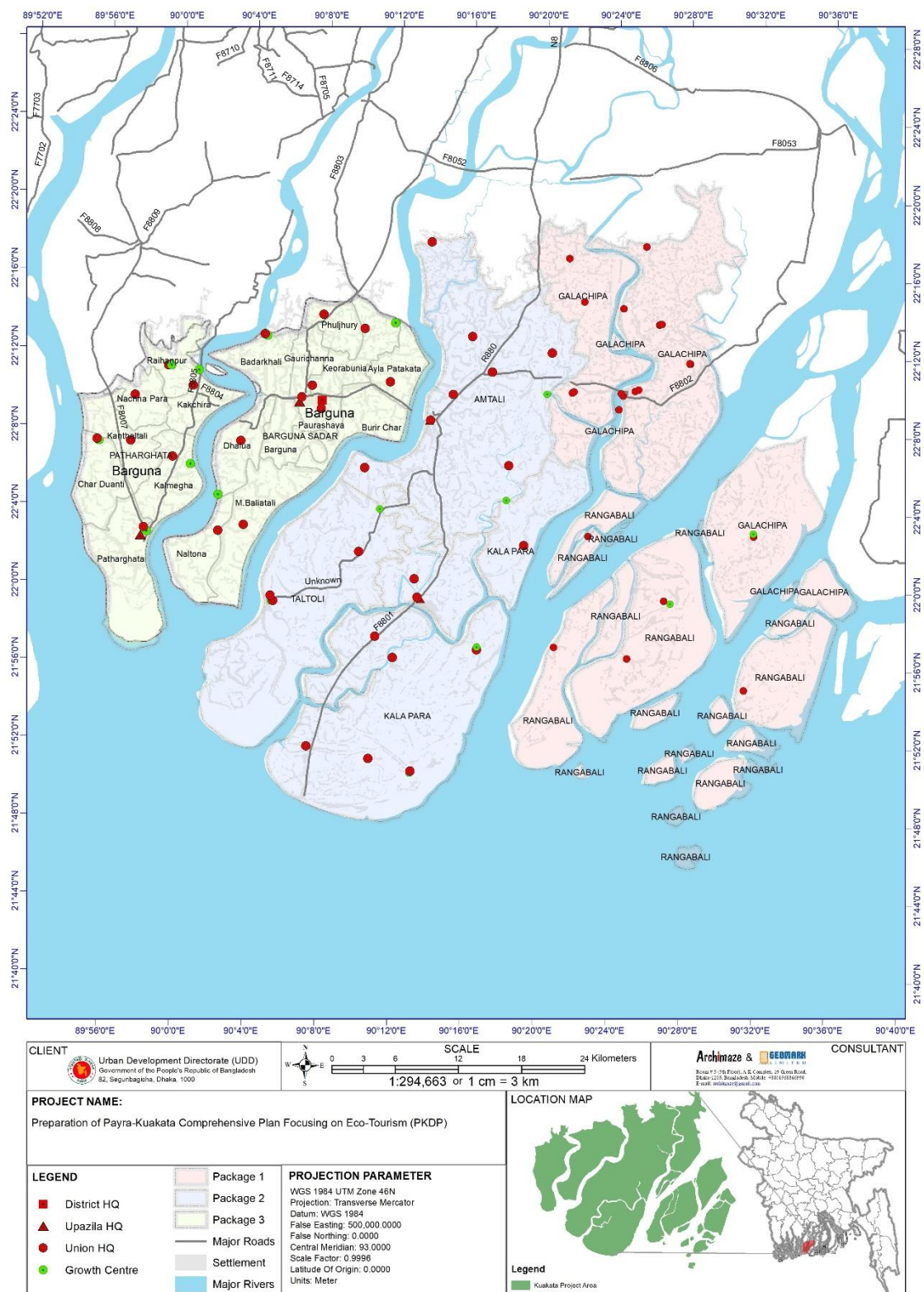
Kuakata, locally known as Sagar Kannya (Daughter of the Sea) is a sea beach of rare scenic beauty on the southernmost tip of Bangladesh. The most important attraction of the beach is that one can see both sunrise and sunset from some of its locations. Situated 320 km from DHAKA and 70 km from the Patuakhali district headquarters, Kuakata is part of the Latachapli union of Klapara upazila. The best way to reach Kuakata from Dhaka is to first travel to Barishal by road, water, or air, and then to take the bus or boat/launch for the destination. The Bangladesh Road Transport Corporation introduced a direct bus service from Dhaka to Kuakata via Barisal.

The name Kuakata have originated from Kua-Well dug on the sea shore by the early Rakhine settlers in quest of collecting drinking water, who landed on Kuakata coast after expelled from Arakan by Moughals. Afterwards, it has become a tradition of digging Kua-

Well in the neighbourhood of Rakhaine homestead for collection water for drinking purpose and general use. The beach at Kuakata is 18 km long and 3 km wide. This sandy beach slopes into the BAY OF BENGAL. Other attractions at Kuakata include blue sky, huge expanse of water, the evergreen forest in surrounding areas, rows of coconut trees, boats of many different kinds and their colourful sails, and surfing waves. Main tourist season is in winter but all over the year tourists visit this place.

Kuakata is truly a virgin beach-a sanctuary for migratory winter birds, a series of coconut trees, sandy beach of blue Bay, a feast for the eye. Forest, boats plying in the Bay of Bengal with colourful sails, fishing, towering cliffs, surfing waves everything here touches every visitor's heart. The unique customs and costumes of the 'Rakhine' tribal families and Buddhist Temple of about hundred years old indicate the ancient tradition and cultural heritage, which are objects of great pleasure Kuakata is the place of pilgrimage of the Hindus and Buddhist communities. Many people visiting Kuakata find interest in the Buddhist temples located at nearby places such as Keranipara, Misripara and Amkholapara, while many others find the place interesting because of the unique customs and traditions of the Rakhain community. Kuakata is also a place of pilgrimage of Hindus and Buddhists. Devotees arrive here during the festivals of Rash Purnima and Maghi Purnima. A major ritual on these occasions is dipping in the holy waters of Kuakata. Visitors also enjoy the traditional fairs organised to mark these celebrations.

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Galachipa & Rangabali Upazila are located at 22.1639°N 90.4306°E . It has 49,982 households and a total area of 1267.89 km².

Rivers

Galachipa Upazila has many rivers and canals. The Bay of Bengal is very close here. However, Galachipa is situated on the bank of the Ramnabad in Patuakhali District. Due to the river Galachipa is a famous port for rice and other crops. A large Haat takes place every Saturday based on the river. It is one of the largest Haats of greater Barisal. Another famous rivers of Galachipa are Agunmukha, Bura Gaurang

Charanchal

Galachipa Upzilla is famous for her "Charanchal". "Char" means land disconnected from the mainland by rivers. These lands are highly disconnected and the river route is the only route. Road traffic has not been arranged yet. Some chars are larger while some are very much smaller. Rangabali, Baher Char, Barho Baishdia, Choto Baishdia, Chalitabunia, Char Kajal, Char Shiba, Char Montaj, Char Biswas, Mayar Char, Char Karfarma, Char Lakshmi, Char Kukrhi Mukrhi, Latar Char, Char Kalagachia, etc. are very known to all. The land of these chars are very fertile and crops grow heavily here. But most of the people here are poor and deprived. They also suffer from lack of information greatly and their style of life is very low. The people here are mainly "Bhumiheen" (landless).

Demographics

As of 1991 Bangladesh census, Galachipa has a population of 286,307. Males constitute 51.36% of the population, and females 48.64%. This Upazila's adult population is 137,818. Galachipa has an average literacy rate of 29.4% (7+ years), and the national average of 32.4% literate.[3]

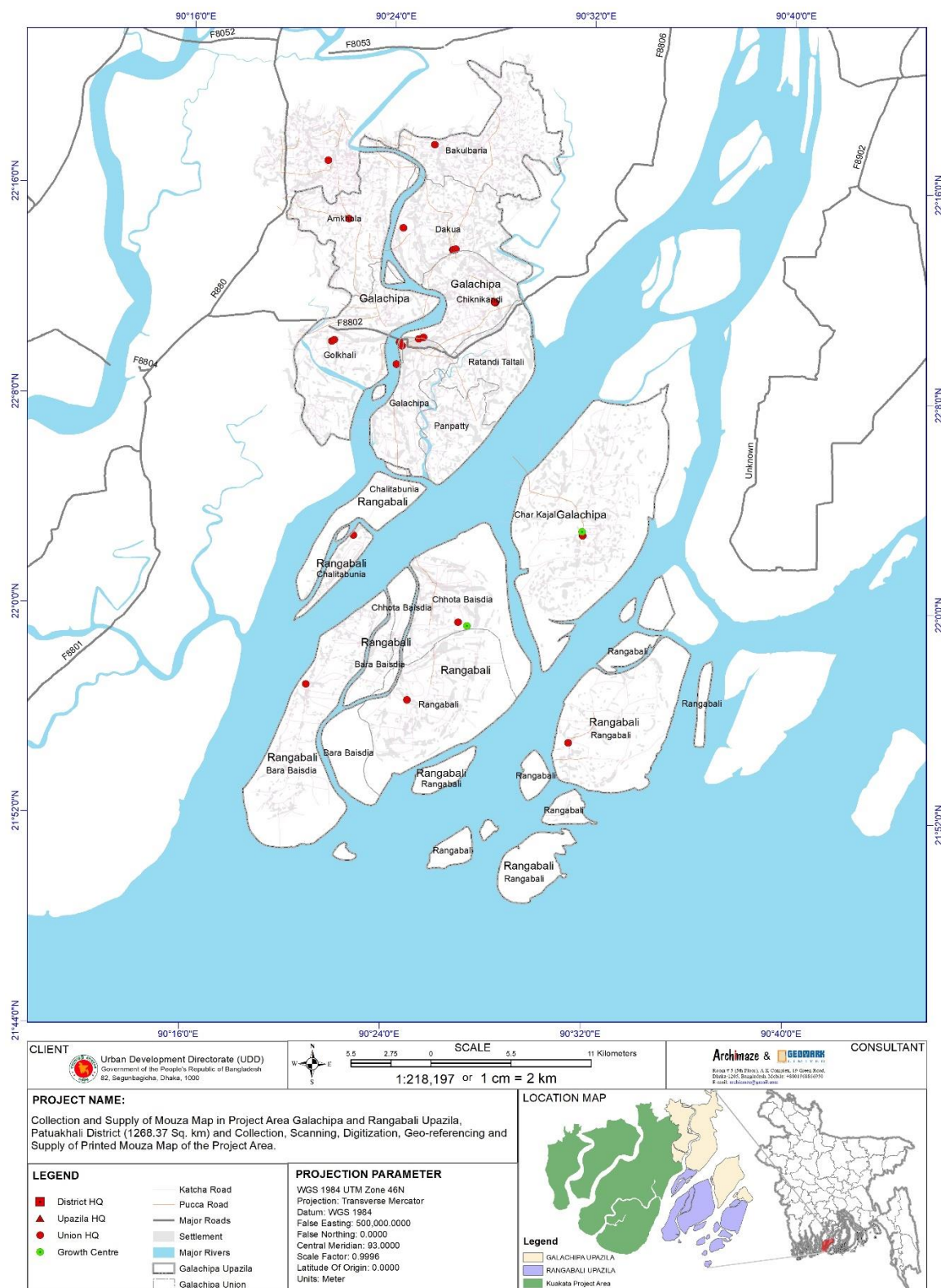
Points of interest

Agunmukha river is situated at side of Panpatty Union. It is the meet-point of several rivers. There is a sluice-gate of 15 doors as like Kaptai Dam in Rangamati at Panpatty border. Bakulbaria Plant Product Center by Nesar Matubar

Administration

Galachipa & Rangabali Upazila has 13 Unions/Wards, 145 Mauzas/Mahallas, and 230 village

Mobilization Report on Package-4: Socio-economic and other related surveys, “Preparation of Payra-Kuakata Comprehensive Focusing on Eco-Tourism



Map: Package -1 map

1.4 The Consultant

GEOMARK LIMITED - Organisation having expertise on socioeconomic survey through smart device, data processing, data analysis and report writing.

1.5 The Project Location

Project Area: The project Area Galachipa and Rangabali Upazila, Patuakhali District (1268.37 Sq. km) and Establishment of BM Pillars, Landuse & Topographic Survey of 313421 Acre Area in Galachipa & Rangabali Upazila Under Patuakhali District for Payara Kuakata Comprehensive Plan focusing Eco tourism.

CHAPTER TWO

2. Mobilization and Orientation

2.1 Consultant's Organization

Geomark Ltd. is brand with specific focus to the emerging IT Enabled Services (ITES) specializing in the geospatial applications including consultancy on engineering & Architectural Design, Drawing, Supervision, planning GIS, LIS, MIS, AM/FM, processing of remote sensing data, digital mapping/surveying using GPS, geo-spatial and textual data conversion, application software and web page/solutions development and so forth. Apart from ITES, provides professional consulting services particularly for undertaking research and development studies/projects covering and not limited to land, natural resources, environment, urban/real estate development, infrastructure development, institution and organization studies, land related legislation study, human resources development studies, general education related studies, and so forth.

2.2 Mobilization of the Consultant's Team

The contract signed on 14th November 2017, the team of the Geomark- has initiated their project activities with immediate action. A progress line-up from the consulting JV team is being reported here on different components of work:

Mr. ANM Safiqul Alam Managing Director ,GEOMARK , meet with PMO about some issue like questionnaire design, software platform design etc. Some picture of the meeting with project director (PD) have attached bellow-



Picture: Meeting with Project manager (PM) Mr. Asaduzzaman and the consultant team

2.3 Initial Meetings

1. **Work Schedule:** preparation and adjustment work is undergoing with Microsoft Project. The submission has scheduled to be made within 18th onward.
2. **Questionnaire preparation:** A questionnaire have been prepared in according to consolidate with Project director (PD) and planners of UDD. The questionnaire have attached in the annex of this report.
3. **Online data collection software preparation:** For socioeconomic data collection an online free software have been used named Epicollect 5. The questionnaire already developed on Epicollect 5 software platform which have been presented in the meeting of UDD in front of all the officials of UDD including Director.
Picture: Demo picture of online data collection in the meeting.
4. **Inception Report Preparation:** For inception report preparation it has scheduled to submit within 18th onward.
5. **Survey Activities:** Team formation is in progress. As soon as the inception report will be approved, the team will be mobilized to the field.

CHAPTER THREE

3. Work Programme

3.1 Overview

The consultancy Service would commence with the debriefing meeting. This meeting would help the consultant team to introduce themselves to the Counterpart with UDD, and would facilitate to delivery better working relation during the project works in performing the reconnaissance survey of project area. At the meeting the team would get in in-depth overviews of the relevant materials that have in their possession and share their experience in preparation an exhaustive list of collection of documents and drawings to be reviewed.

3.2 Work Plan:

Table: Tentative work plan to complete the project

No	Activity ¹	Month													
		Day /week													
		1	2	3	4	5	6	7	8	9	10	11	12	n	
1	Agreement Sign														
2	Mobilization, Reconnaissance Survey, Project Design And Submission Of Mobilization Report														
3	Collections Of Maps, Basic Statistics And Information And Submission Of Inception Report														
4	Survey Activities (Field Survey Information In Original Format Have To Be Submitted To The Project Director (Pd) At The End Of Every Week) And Submission Of Survey Report														
5	Data Processing, Analysis, Interpretation, Presentation, Formulation Of Working Paper And Submission Of Interim														
6	Preparation of Draft Final Report for Planning Package for the Project														
7	Preparation of Final Report for Planning Package for the Project														
8	Printing of Final Reports and Maps and posting in WEB Page														

Source: Geomark

3.3 Staffing Schedule:

A tentative staffing schedule have been presented below-

Table: Staffing Schedule to Accomplish the Project

No	Name of Staff	Staff-month input by month ¹														Total Staff-month input		
		1	2	3	4	5	6	7	8	9	10	11	12	n	Home	Field ²	Total	
1	Socio-economic Survey Expert														2 month	15 day	2.5	
2	Data Management Expert														3 month	15 day	3.5	
3	Surveyor															1 month	1	
										Total				5	2	7		

CHAPTER FOUR

4. Reconnaissance Survey and Activity

4.1 Introduction

The Reconnaissance Survey and meeting would help the consultant team to introduce themselves to the Counterpart with UDD, and would facilitate to delivery better working relation during the project works in performing the reconnaissance survey of project area. At the meeting the team would get in in-depth overviews of the relevant materials that have in their possession and share their experience in preparation an exhaustive list of collection of documents and drawings to be reviewed.

In a meeting between Project Director (PD) and Project manager (PM) with the consultants on 23th June, 2018 the date for reconnaissance survey was scheduled for 28th June, 2018. An official letter was issued

4.2 Team Member of the reconnaissance Survey.

Team Member of the reconnaissance survey.

- a. ANM Safiquil Alam (Shaheen), Managing Director, Geomark Ltd.

4.4.3 Tea stall meeting

Teastall meeting was held in front of Galachipa Pourshava Office .the participant was those area in various informal profession and they identified those problem of this area as below-

1. Narrow Road
2. Drainage Problem
3. Light post

4.4.4 Pre-test Questionnaire

There are 1500 numbers or more questionnaire has to be survey among the people of the study area by distributing a hexagon sampling method which will be described in Inception report. Four questionnaires was surveyed during the reconnaissance survey period.

4.4.5 Outcome of Questionnaire survey

Main problem of this area are road, drain, waste disposal point, pure drinking water. Lack of quality full healthcare facilities is also prominent problem of this area. From the respondent a draft daily work plan have been drawn which is included below-



CHAPTER FIVE

5. Conclusion

Impacts on Socio-Economy Pre-construction & Construction Phase Loss of Livelihood & Displacement of Families. This report is part of the project activities and progress of work. This will guide the future activities including field surveys, data collection, analysis, report preparation and map production. The primary profile of the project area based on secondary source and collection of data has been useful in understanding the characteristics of the project area.

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A2. Online Software Preparation for Socioeconomic Survey

The screenshot shows the MUDP_Geomark software interface for editing a questionnaire. The left sidebar lists various question types: Text, Numeric, Phone, Date, Time, Dropdown, Radio, Checkbox, Text Box, Readme, Location, Photo, Audio, Video, Barcode, Branch, and Group. The main area displays a list of questions under the heading 'Socioeconomic'. The selected question is '4. Household Monthly Income (TK)', which is shown in detail on the right. The question is '4. Household Monthly Income (TK)' and it is required. The possible answers are: 1. 0-5,000 tk, 2. 5,000- 10,000 tk, 3. 10,000-15,000 tk, 4. 15,000-20,000 tk, 5. 20,000-25,000 tk.

Picture: Questionnaire Design in Epicollect 5

Hide	Question	Mapping To
<input type="checkbox"/>	ID	1_ID
<input type="checkbox"/>	Physical Feature ID	2_Physical_Feature_I
<input type="checkbox"/>	Date	3_Date
<input type="checkbox"/>	Locationn	4_Locationn
<input type="checkbox"/>	Picture1: House	5_Picture1_House
<input type="checkbox"/>	Picture2: House	6_Picture2_House
<input type="checkbox"/>	1. Survey Schedule	7_1_Survey_Schedule
<input type="checkbox"/>	1.1 Village/Moholla Name	8_11_VillageMoholla_
<input type="checkbox"/>	1.2 Mouza Name/Ward	9_12_Mouza_NameWard
<input type="checkbox"/>	1.3 Name of the Respondent	10_13_Name_of_the_Re
<input type="checkbox"/>	2. Household Information	11_2_Household_Infor
<input type="checkbox"/>	2.1 Household Head Name	12_21_Household_Head
<input type="checkbox"/>	2.2 Number of Family Member	13_22_Number_of_Fami
<input type="checkbox"/>	2.3 Family Type	14_23_Family_Type
<input type="checkbox"/>	2.4 Religion	15_24_Religion

Picture: Questionnaire Design in Epicollect 5

Seasonal Fruits watermelon.

