



Government of the People's Republic of Bangladesh
Ministry of Housing and Public Works
Urban Development Directorate (UDD)

PREPARATION OF DEVELOPMENT PLAN FOR FOURTEEN UPAZILAS PACKAGE 05-(RANGUNIA UPAZILA AND RAMU UPAZILA)

MOBILIZATION REPORT



 **HOUSE OF CONSULTANTS LIMITED (HCL)**

In Association With



DISASTER MANAGEMENT WATCH (dm.Watch)

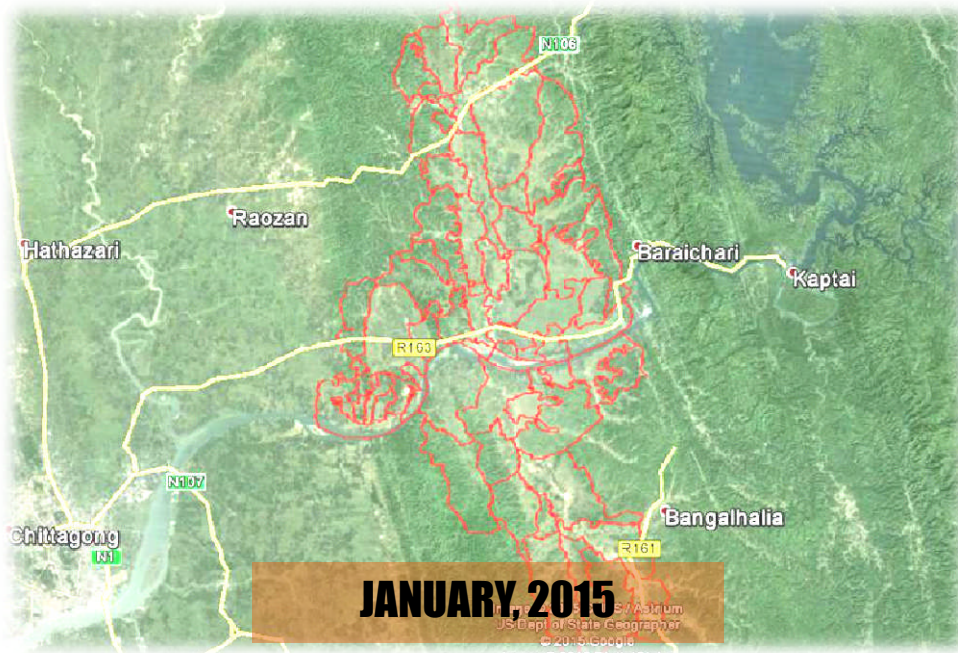


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PART-A: RANGUNIA UPAZILA

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EXECUTIVE SUMMARY

The “Preparation of Development Plan for Fourteen Upazilas” project is an attempt by the government to streamline the development of small towns of the country under Upazila administration to prepare them accommodate future urban growth and make the Upazila a focal point of development of the Upazila. The aim of the project is to improve infrastructure and services of the Upazila through preparation of time specific plan that will include land use plan, transport plan, drainage and environment plan, disaster management plan. The consultant’s responsibilities will be to prepare a Development Plan package that will include Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan as per TOR of the project. The JV of consulting firms HCL and dm.Watch has been awarded to do such development plan for Rangunia Upazila, Chittagong under the package-05 of the above mentioned upazila project.

Rangunia is an Upazila of Chittagong District that received the status of Upazila in 1983 and Municipality was formed on 4 July 2000. Having an area of about 361.54 Sq.km the Upazila accommodates approximately 411,609 populations according to 2001 population census. The Upazila comprises 15 Unions, 72 Mouzas, and 156 Villages. It has 169 km pucca road, 329 km semi-pucca road, 574 km mud road. Literacy rate is 63.3% (2001). It has all upazila level offices and establishments though poor drainage network and waste management, traffic congestions and lack of economic activities have been found as the major problems of the Upazila.

The current project is a planning effort of Ministry of Housing and Public Works through Urban Development directorate (UDD) to uplifting the living standard of the upazila mass people. The main objective of upgrading the living standard is to income generation through different economic activities and employment opportunities. If Upazila Development Plan is implemented it will create congenial environment for new investment through development of basic infrastructure and services through participatory planning. The aim is also to devise a control mechanism for sustainability of the infrastructure and environmental development.

Under the preparation of development plan project the consultants has accomplished the initial consultation seminar/meeting with the stakeholders (e.g. local people, administration) in Rangunia Upazila. It has done preliminary data collection through reconnaissance survey, continuing the effort for mouza map collection of Rangunia Upazila. In the mean time the planning team has been mobilized and a number of support staff has been appointed to assist the consulting team and steps have been taken to set up a site office in Rangunia Upazila.

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MOBILIZATION REPORT

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LIST OF ABBREVIATIONS AND ACRONYMS

AAP	Action Area Plan
BBS	Bangladesh Bureau of Statistics
CDMP	Comprehensive Disaster Management Programme
CEO	Chief Executive Officer
CUET	Chittagong University of Engineering and Technology
GO	Government Organization
GOB	Government of Bangladesh
GIS	Geographic information system
LGED	Local Government and Engineering Department
NGO	Non Government Organization
TMC	Technical Management Committee
TOR	Terms of Reference
UCB	United Commercial Bank
UDD	Urban Development Directorate
UNO	Upazila Nirbahi Officer

PART-A
RANGUNIA UPAZILA

CHAPTER-01: BACKGROUND

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1.1 Background of the Project

Bangladesh is the most densely populated country in the world having a total population of about 124.36 million as per the last Population Census 2001 with an average increase of around 1.7 million per year during the decade between 1991 and 2001. Of the total population, about 89.56 million live in the rural area and 34.82 million in the urban areas with the respective share of about 72 percent and 28 percent of the total population. The population distribution, rural to urban, is highly skewed. The average annual growth rate of the rural population declined in the last decade stood at around 1.0 percent as against about 1.48 percent of national rate. However, the growth rate in the urban area is quite high at about 3.27 percent. The reason attributed to, among others, high migration of population from rural to urban area. The rapid increase of migration of rural population to urban is largely from the segment lying below the poverty lines who seek better opportunities of income earning in urban area. As per Population Census 2011 total population of Bangladesh is 142.3 million with annual growth rate of about 1.357% over the period 2001 to 2011. But many institutions raised question about its degree of precision and expecting the figure around 150 million. The present trend of population increase indicates that by 2020 about 40% of the total population of Bangladesh will live in urban areas.

The present trend of population increase indicates that by 2020 about 40% of the total population of Bangladesh will live in urban areas. According to a recent survey it was revealed that 45% of urban populations have access to potable water while have limited access to sewerage facilities. In addition inefficient transport management greatly contributes to the problems in traffic and transportation system. These aspects not only influence our urban life but also arrest the national economic growth of the country. On the other hand, demand for urban service facilities has increased substantially because of the population explosion in urban areas.

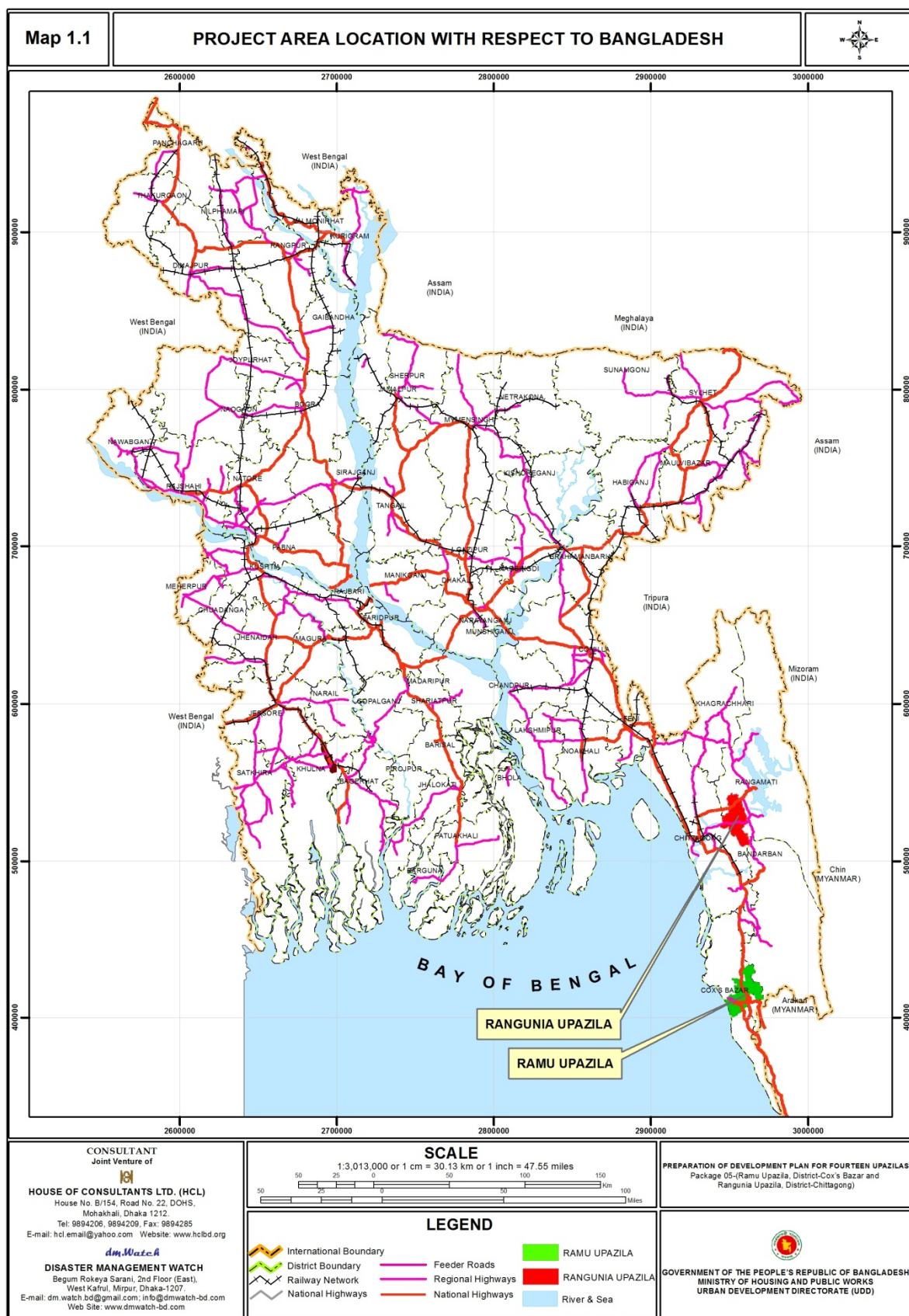
Ramu and Rangunia Upazila are located in the coastal area of Bangladesh and have very much potential for tourism development activities, its investment and economic importance will increase rapidly and developing in an unplanned way without necessary infrastructures and service facilities **(See Map 2.1: Project Area Location With Respect of Bangladesh)**. To control, guide and monitor the development activities the planned growth a four tiers Master Plan e.g. Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan are of utmost importance. Size of the towns started growing with the increasing population. Main cause of population growth was migration of rural people attracted by the enhanced scope of employments in the urban area. Development control is essential for the areas. The Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan would serve the development directorate yet to be established to carry its town planning activities to prevent misuse of urban land and to enforce optimum use of land in a land hungry country like Bangladesh. The government would play as an enabler rather than facilitator for infrastructure, utility and urban services.

Master plans prepared for the Zila and District Town, City Corporations, Paurashavas by Urban Development Directorate (UDD) during the 80s have also become obsolete due to the passage of time. In order to cope with the population surge in these towns, it has become almost imperative to update the existing Master Plans. The Drainage & environmental Master Plan will also be prepared to maintain the drainage system, while a Traffic Management Master plan would be required to provide planned traffic movement of the Urban Area. Rural Area Plan will ensure the development of rural areas within the project area. Disaster Management Plan within the urban area will reduce the

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vulnerability from natural and manmade hazards/disasters. The Action Area Plan will also be updated in order to keep track of the land use of the Areas.

At present the main and secondary drains and natural streams in the town do not function as an integrated drainage system due partly to silting up and damage to the canal walls and other structures, but mainly due to their unplanned and deficient construction and lack of maintenance. The condition of many of the natural and manmade ponds in the Urban Area is deteriorating rapidly and many have become polluted. Encroachment on drainage reservations causes inundation to many areas, including houses and roads, during heavy storms. The roadside drains are inadequate & to some extent with insufficient capacities and incorrect gradients. Therefore, this area requires the preparation of a storm water drainage master plan, which will prioritize the worst affected areas and prepare detailed designs for the first stage of the implementation.

Traffic and transportation problems in urban areas in Bangladesh have been continuously increasing as the development and management of road network has not been commensurate with the increasing demand for its usage. Traffic congestion, delay, accidents, pedestrian and parking difficulties, air and noise pollution are among the problems traffic congestion is one of the most important and critical problems now being identified in the urban areas. The situation has been steadily deteriorating over time, over large areas and for longer periods of the day. It is, therefore, high time to examine the options to alleviate this chronic problem and take safety measure to improve traffic conditions, reduce congestion and delay, ease traffic flow, improve safety and reduce noise and air pollution.

The project is proposed to conduct feasibility study to prepare four tiers Development Plan through Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan with the assistance of the Government in order to assess infrastructure and other civic facilities, undertake plan and investment in accordance with the demand of the population, ensure operation and maintenance of the existing infrastructure along with those facilities proposed to be built up under the future investment programme and, above all, to suggest improvement of the management ability of the Upazila Area so that their revenue earning capability is enhanced with a view to building up the Authority as self sustaining local government institutions. The project will also suggest construction of roads and bridges/culverts, drainage facilities, markets, bus terminal, solid waste management, sanitation and other such infrastructure facilities. Towards this end a Development Plan package will be formulated for Ramu and Rangunia Upazila, keeping in view the need over a time span of 20 years. In addition, formulation of programme related to institutional development of the concerned local government institutions and motivation of the population.

1.2 Objectives of the Project**A. National Development Objectives**

To find out development issues and potential of the upazila and make a 20 years development vision for the upazila (both urban and rural area) and prepare a Master Plan in line with the vision for the development;

Prepare plan for the people of the town to develop and update provisions for better transport network, housing, infrastructures for roads, markets, bus terminals, sanitation, water supply, drainage, solid waste management, electricity, education, leisure and such other infrastructure facilities for meeting the social and community needs of the poor and the disadvantaged groups for better quality of life and at the same time ensure the development of rural area within the project area;

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1. Prepare a multi-sector short and long term investment plan through participatory process for better living standards by identifying area based priority-drainage master plan, transportation and traffic management plan, other specific plan need as per requirement in accordance with the principle of sustainability;
2. Provide controls for private sector development, clarity and security with regard to future development;
3. Provide guide line for development considering the opportunity and constrains of future development of Upazilla Town; and Rural area.
4. Prepare 20 years Development Plan to be used as a tool to ensure and promote growth of the city in line with the guiding principles of the Master Plan and control any unplanned growth by any private and public organization.
5. Facilitating the Urban Growth to protect the valuable farmland and at the same time provide space and facilities for non-agricultural activities.
6. Provision of standards for use by public bodies.
7. Supporting the livelihood of the inhabitants of Ranu and Rangunia Upazila.
8. Protecting the Eco-system with the understanding that we are a component of the system rather than the consumer of the system.
9. Discouraging the involuntary displacement of the inhabitants in the name of development.
10. Control of undesired development in all areas for which plans have been prepared.

B. Immediate Objectives

Following immediate objectives should have to be performed by the consultants for achieving the National Development Objectives:

Objective 1: Determination of Present and Future Function of the Upazila

Preparation of Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan (AAP) are to be based on land use survey, topographical survey, environmental, disasters/hazards and agricultur studies. The major studies relating to Traffic & Transportation, Drainage & Environmental, Formal and Informal Economic Studies, Slums and Squatters, Unauthorized Encroachment, Recreational Facilities and Stakeholders Participation for planning and development control.

Objective 2: Mechanism for Improving and Guiding Development

The mechanisms for improving and guiding development are:

- Preparation of five tier Development Plan namely: Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan.
- Development of mechanism for stakeholders, especially communities, control over all development initiatives.
- Preparation of a set of Institutional and Legislative Restructuring Proposals.

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- Selection of appropriate standards and guidelines for improving present conditions and guiding future development.

Objective 3: Review of Existing Problems and Propose initiatives

Review of existing problems and proposed initiatives are as stated below

- Detailed analysis of problems presently hampering development, which can be eliminated by action in the short term.
- Development of sectoral programs to alleviate poverty problems
- Prepare a minimum number of action area plans for early area development or area upgrading of parts of the town that exhibits a representative cross section of development problems.
- Undertake initiative at town level to promote sustainable economic activity by formal private sector and individuals, groups, GOB and NGOs.

Objective 4: Formulation of Bankable Projects

The factors for formulation of bankable projects areas mentioned below:

- To determine methodology for identifying Multi-sectoral Investment Projects (MSIP) with their major priorities.
- Prepare a multi-sector investment plan through participatory process for better living standards by identifying areas based priority-Drainage Master Plan, Transportation and Traffic Management Plan and other specific plan as per requirement.
- Providing controls for private sector development and clarity and security with regard to future development for inhabitants and investors. The targeted objective and guideline of the development projects would be to initiate and implement through participation.
- To identify a range of projects suitable in both sectoral and spatial terms.
- To develop a package for the priority to a level suitable for financial appraisal.

Objective 5: Increasing Capacity/formulation of Local Authorities for Urban and Rural Management and Development

The factors to be considered in regard to increasing the capacity/formulation of local authorities for urban management and development are:

- To prepare a detailed analysis of the past budgets, their expenditure, liabilities and sources of funds of Pourashava, Upazila Prishad and Union Parishad.
- Providing Land use maps and information at Mouza dag level (parcel) as a professional manner for efficient updating, exchange, dissemination and decision support use.

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- To prepare practical and detail proposal for increasing the income of the local authorities with reference to any forthcoming donors proposal to assist financial management and paying particular attention to the possibilities of increasing revenue from existing and proposed development activities.
- Providing guideline for development considering the Opportunity and Constraints of future development. Moreover for the betterment of the community, action would be taken through government, public private partnership, private and non-government initiatives as indicated in AAP.
- To prepare proposal for rationalizing the roles and divisions of responsibilities between Upazila and other development agencies.
- To prepare priority list of projects which can be funded from local resources and examine any new forms of funding for such developments.
- To assist Upazila, Pourashava and Union in drawing up schemes within the framework of Strategic Plan and Action Plans for inclusion in Development Programs.
- To strengthen the technical capabilities of local authorities involved in urban management and development.
- Providing Planned Development to ensure Sustainable Environment Action Area Plan (AAP) should be undertaken with the cooperation of other development agencies. So all the agencies should cooperate, coordinate and participate in the process of preparation of Master Plan for proper planning and development. The Plan would be the guiding document for implementation by all concern. GIS based data; map and information would be the resource which could be easily updated and when necessary.

1.3 Understanding of the Scope of Services

The scope of Consultancy Services encompasses for Preparation of four tiers Development Plan (five key plans) for Ramu and Rangunia Upazila, which includes Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan. The study will cover surveys of physical features and preparation of Land use Plan, Traffic and Transportation Management Plan, Drainage and Environmental Plan and Action Plans for the project area.

Considering the above scope of services and to prepare an efficient Development Plan for Ramu and Rangunia Upazila, the specific tasks to be performed by the consultant in realization of the scope of services as spelled out in the TOR are given below in brief:

- Determination of study area (approximately 750 sq. km) based on suitable physical boundary.
- Explanation of the plan (report) indicating population, density, livelihood and its future plan.
- Collection of socio-economic and demographic information and data both from primary and secondary sources in the study context to forecast future population, requirement of different services, physical and social infrastructure facilities, employment generation.

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- Identify the exiting natural and man-made drains in the town and investigating the mechanisms of the drainage and local river system to assess the extent and frequency of flood damage and determine areas where flooding or poor drainage is most severe.
 - Preparing a conceptual report on the various alternative solutions to the present storm water problems and selecting the most appropriate and economical alternatives.
 - Prepare a Development Plan of the storm water drainage & sewerage system treatment plant for all areas in the town, which will include discharge calculations for the catchment areas, design of main and secondary drains/sewerage including their sizes, types and gradients and retention areas with preliminary cost estimates for the proposed drainage/sewerage system.
 - Prepare a conceptual plan to show the phase-wise implementation schedule in an affordable and practical manner considering the technical, environment, institutional, economic and social feasibility of the proposed works.
 - Proposal for preparation of hydraulic and structural designs for the priority areas of the study area and preparing a first phase implementation program.
 - Study of the existing drainage maintenance procedures and budgets, if any including solid waste collection and design and estimate costs for a planned maintenance system to ensure that the drains are kept free from blockages and physical damage.
 - Recommend planning, institutional and legal mechanisms to ensure provision of adequate land for rights of way for storm water drainage, which will also determine illegal encroachments.
 - Investigate methods to find the other phases of the storm water drainages & Sewerage master plan.
 - Assess additional data requirements, critical additional data, not currently available should be collected through reconnaissance and traffic surveys which should estimate present traffic volume and forecast the future traffic growth and identify travel patterns, areas of traffic, conflicts and their underlying causes.
 - Study the viability of different solutions and develop a practical short term traffic management scheme of implementation, including one way systems, restricted access for large vehicles, improved signal system traffic islands, roundabout, pedestrian crossings, deceleration lanes for turning traffic, suitable turning radius, parking policies and separation of pedestrians and rickshaws.
 - Assess the current land use with regard to transportation, bus and truck terminals, stations, railway stations etc. and recommend actions to optimize this land use.
 - Assess existing plot information.
 - Prepare a Long Term traffic and Transportation Plan.
 - The Development Plan shall assess major investments and activities of the various development agencies/Ministries and indicate the stages of development preferably through 5 year programming approach. Consultants shall be making to liaison with all government and

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semi-government and other agencies concerned with their development at the Study area. Contract should also be made with the headquarters of such agencies and full details of such plans should be referenced in the plan.

- Survey and evaluate Land Capabilities considering factors such as flood basin, topography, fertility etc.
- The Development/Master Plan Package shall indicate/outline possible frameworks/strategy for management and development control, institutional arrangement ensuring people's participation etc. for effective implementation of the plan.
- Development of Proposal of By-laws for Land Development, Real Estate Development. Urban Plan Development control and Natural Resources/Green belt and places of historical interest.
- In line with the Master Plan, propose a Detailed Area Plan with a list of priority schemes for the development of roads, drains, traffic management and other social infrastructure for implementation during the first five years of plan period.
- Facilitate City Authority, Union Parishad about the publicity of Development Plan, its preparation strategy, function and their role through making, leaflet, newspapers, cable line, FGD etc.
- Allocating zones for as high, middle and low density areas.
- Guidelines for control/promote industries at different locations according to their nature such as heavy industrial, light industrial and service industries including waste disposal / treatment plants.
- Guidelines for controlling/guiding location of commercial use.
- To identify the areas reserved for agriculture, flood flow, public / private open spaces, parks, play grounds, play-lots and other recreational uses like green belts, retention pond, water bodies, water front, natural reservoirs, historical monuments.
- Action Area Plan will cover all related issues to bring about expected result.
- Allocating the zones where public utilities, institutions and civic services will be established. Moreover zones of urban deferred areas, for future development expanded areas and areas for new development have to be considered.
- To ensure planning principles/standards, gross/net densities, guideline for future development and development control.
- To exercise control over architectural features, elevations, frontage of buildings and structures including zoning regulations to regulate locations, preservation of heritage, and type of buildings within each zone.
- Earthquake hazard, vulnerability, risk and loss assessment for project area.
- Development of scenario based spatial earthquake contingency plan for project area.

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- Prepare and submit Development Plan and Report with required standards as specified in the TOR.

1.4 Objectives of Mobilization Report

As per contract agreement the consultants shall have to be submitted six reports within 21 month from the date of signing of the project. The mobilization report is the first report and as per contract agreement. The main objectives of the mobilization activities under his project are as follows:

- To deploy of key personnel and supporting staff for the project.
- To conduct reconnaissance survey of the study area.
- To initiate the collection of maps and other secondary materials.

1.5 Scope of Mobilization Report

The scope of mobilization activities under the project will include- Contract signing and deployment of all consultants and supporting staff as per project manning schedule; Establishment of Project Coordination Office (PCO) at Dhaka and Project site office at Ramu and Rangunia; Conducting reconnaissance survey and consultation meeting at the study area; and start collection of *Mauza* maps and other relevant maps, reports, books and other secondary materials on the project area.

CHAPTER-02: THE PROJECT AREA PROFILE

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THE PROJECT AREA PROFILE

2.1 Introduction

The current chapter describes the basic information about Rangunia Upazila. The information presents in this chapter has been collected directly from the field as well as from many other secondary sources including National Population Census Reports of BBS.

2.2 Brief Description of the Project Area

Rangunia Upazila with an area 361.54 sq km, is bounded by Kawkhali_upazila (Rangamati) on the north, Chandanaish Patiya and Boyalkhali upazilas on the south, Kaptai, Rajashhali and Bandarban Sadar upazilas on the east, Raozan and Kawkhali upazilas on the west. Rangunia Thana was formed on 24 January 1962 and it was turned into an upazila in 1983. Municipality was formed on 4 July 2000.

2.2.1 Location and Geography

Rangunia Upazila (Chittagong District) area 361.54 sq km, located in between 22°18' and 22°370' north latitudes and in between 91°58' and 92°08' east longitudes. It is bounded by Kawkhali Upazila (rangamati) on the north, Chandanaish, Patiya and Boalkhali Upazilas on the south, Kaptai, Rajasthali and Bandarban Sadar Upazilas on the east, Raozan and Kawkhali Upazilas on the west. (See Map 2.1 Map of Rangunia Upazila)

2.2.2 History of the Upazila

When Raja Bijoygiri (605-698 AD), one of the predominant King of Chakma marched from Tripura toward the Eastern Region (Hill Tracts, Cox's Bazaar, Chittagong). Rangunia was "no man land" during that period. So, without any battles and less effort, he occupied and captured the whole Regions under his control and Rangunia became the area under the Royal Chakma Kingdom. After Raja Bijoygiri, no any Chakma Raja's appeared in the Chakma history and Royal Chakma Kingdom was under the control of Roang Raja's and Tripura Raja's, who was the powerful Kings, ruled for 300 years in this Regions from 7-10th centuries. After that, Raja Kamal Chega (1095-1179 AD) fought with Magh King of Roang and recaptured the Royal Chakma Kingdom in the Regions. In 1122 AD, he shifted the Royal capital from Roang to Raja Nagar of Rangunia which was the first administrative setup of the Rangunia Upazila of nowadays. Chakma kings (Shukdev Roy, Sher Daulat Khan, Jan Baksh Khan, Tabbar Khan, Jabbar Khan, Dharam Baksh Khan, Rani Kalindi, Harish Chandra Rai and others) ruled this area since 1757. Chakma King Harish Chandra transferred his capital from Rajanagar of Rangunia to Rangamati in 1874. In 1971 encounters were held between the freedom fighters and the Pak army at Ranirhat, Rojarhat and Rangunia. The Pak army conducted looting, burning, rape and mass killing in various places of the upazila. Rangunia Thana was formed on 24 January 1962 and it was turned into an upazila in 1983. Municipality was formed on 4 July 2000.

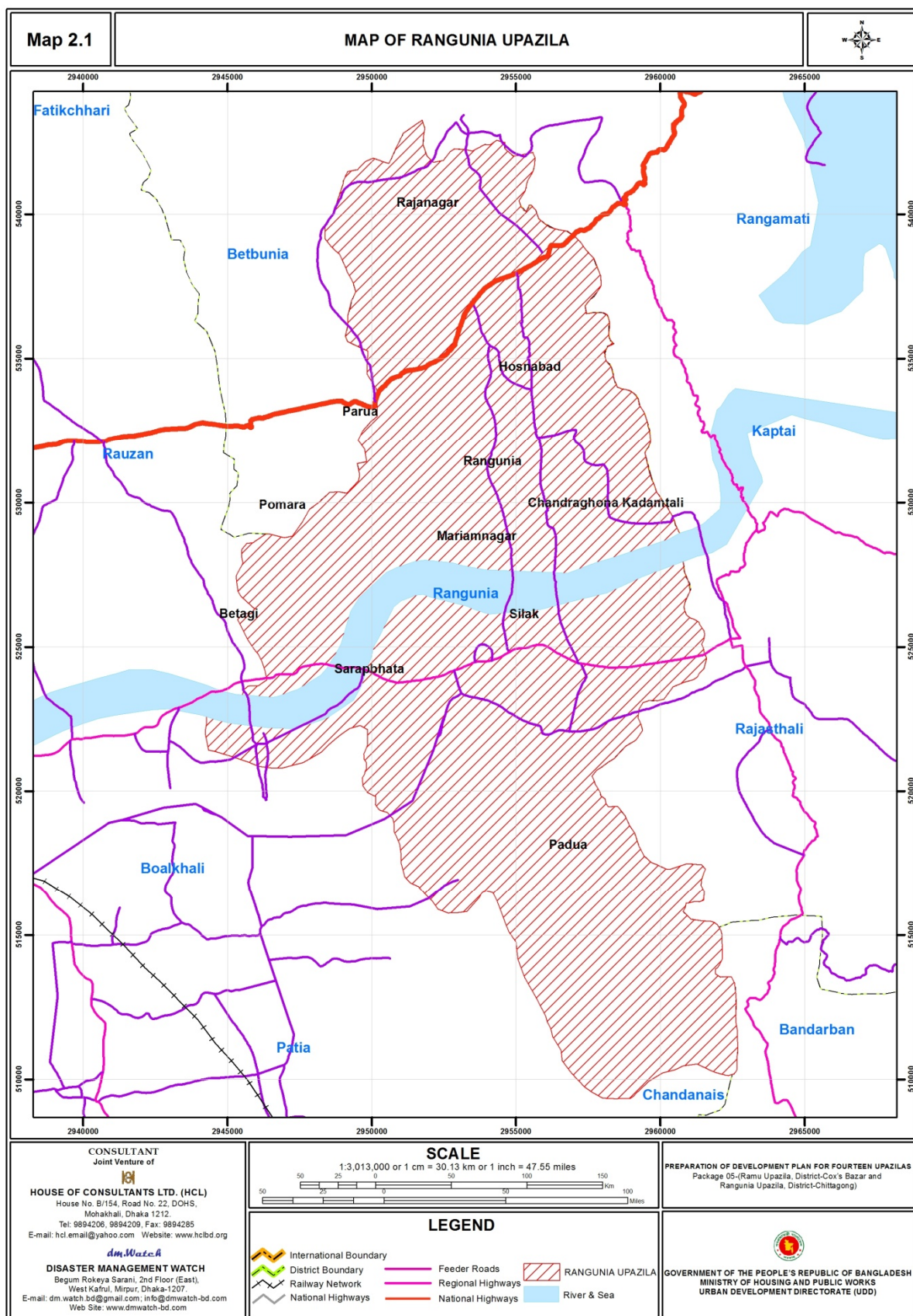
2.2.3 Administrative and Cadastral Boundaries

The area of Rangunia upazilais 361.54 square kilometers, it is comprised of 15 Unions, 72 moujas, 144 wards and 156 villages and one municipality. The information of union based mouja and village are given bellow:

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Table 2.1: Union based Mouzas of Rangunia Upazila

Sr. No	Name of Union/Paurashava	Area (in acre)	Village based Administrative Units (Mouza)
1	Islampur	3214	Madhakhagra, Pashim Nishchintapur, Purba Nishchintapur, Uttar Nishchintapur
2	Kodala	2413	Dhopaghat, Kodala, Lort-2 Kodala, Lort-5 Jangle Kodala
3	Chandraghona	1940	Chandraghana, Gumijhil, Kadamtali
4	Dakshin Rajanagar	3513	Dhaksin Rajanagar (Part), Purba Nishchintapur
5	Padua	9698	Danihop, Jadu Pukuria, Falahria, Napit Pukuria, Nariccha, Padua, Pashim Kurashiya, Sukh Bilas, Kura Sundari
6	Parua	4202	Echamoti, Jangal Parua, Jangal Churtal Singardhal, Kakunia, lort-99 Hazaria, Parua, Daksin Singardhal
7	Pomara	3355	Jangal Pomara, Pomara
8	Betagi	2257	Adorghona, Bania Ghona, Uttar Betagi, Pashim Betagi, Modha Betagi, Demir Chhara, Dinggalangga, Changakhali, Gunguni Betagi, Kdukhali, Pukiwala, tin Chourdial.
9	Mariamnagar	560	Debipur Kadamtali, Katakhal, Saiyadbari
10	Rangunia	2401	Gumai, Rangunia
11	Rajanagar	3512	Bogabili, Baronchhari, Daksin Khagra, Janggal Bogabili, Lort-56 Bogabili, Lort-57 Tattachhari, Maddha Khagra, Shiyal Bikka, Magarchhari, Tettachhari
12	Lalanagar	2495	Gazimiya, Hochnabad (Part), Lalanagar, Part-88 Nishchintapur, Purba Nishchintapur (Part)
13	Silok	2960	Shilok, Toilavanga
14	Sarapbhata	3209	Sarap Vata, Janggal sarapvata
15	Hosnabad	3207	Khargala, Daksin Nishchintapur, Baninala
16	Rangunia Paurashava	40402	Wards (No. 1-9)

Source: Rangunia Upazila Disaster Management Plan, CDMP

2.2.4 Local Authorities

Rangunia Thana was formed on 24 January 1962 and it was turned into an upazila in 1983. Municipality was formed on 4 July 2000. And it is comprised of 15 Unions. There is one municipality in this upazila.

2.2.5 Demography & Social Composition

According to the census, 2011, the total populations of the upazila amounts to 339,004 people, among which 204,905 are male and 206,704 are female. Out of the total population, there are Muslim 236,474, Hindu 44,975, Buddhist 478, Christian 16,378 and others 65. Indigenous communities such as Chakma and Marma belong to this upazila.

Table 2.2: Distribution Urban and Rural Population and its Literacy Rate of Rangunia Upazila

Population		Literacy Rate	
Urban	Rural	Urban	Rural
73352	265652	63.5	52.2

Source: Rangunia Upazila Disaster Management Plan, CDMP

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Table 2.3: Union/Ward Wise Population Distribution and Literacy Rate of Rangunia Upazila

Name of Union/Awrđ	Population			Literacy Rate (%)
	Male	Female	Total	
Islampur	11667	7377	19044	42.50
Kodala	9669	9296	18965	35.40
Chandraghona	15499	14722	30221	57.00
Dakshin Rajanagar	8930	8990	17920	64.80
Padua	17629	18039	35668	38.40
Parua	6966	7457	14423	40.60
Pomara	12256	13403	25659	52.90
Betagi	9788	10722	20510	55.30
Mariamnagar	9059	9599	18658	61.60
Rangunia	6445	6909	13354	59.80
Rajanagar	9713	9459	19172	37.40
Lalanagar	6648	7897	14545	46.10
Silok	8487	9522	18009	50.80
Sarapbhata	12026	13318	25344	47.60
Hosnabad	7515	7356	14871	51.20
Ward No-1	1587	1742	3329	51.50
Ward No-2	1235	1262	2497	46.20
Ward No-3	2925	2700	5625	56.40
Ward No-4	1470	1497	2967	59.30
Ward No-5	1491	1528	3019	55.00
Ward No-6	1530	1564	3094	70.20
Ward No-7	1978	1993	3971	56.10
Ward No-8	2373	2595	4968	75.10
Ward No-9	1526	1645	3171	63.70
Total	168412	170592	339004	

Source: BBS, 2011

Main sources of income people of Rangunia upazila are agriculture 39.71%, non-agricultural labourer 4.30%, industry 0.58%, commerce 16.24%, transport and communication 3.57%, service 12.31%, construction 1.03%, religious service 0.49%, rent and remittance 10.91% and others 10.86%.

2.2.6 Infrastructure and Social Service**Houses and Accommodation**

Most of the houses and infrastructure of this upazila is building, metalled, semi-metalled. The number of concrete houses very few at out of sadar and different unions and village level. Though the school, Mosque and various infrastructures are pucca and semi pucca but most of the houses are semi pucca, hut. Total numbers of houses at Rangunia upazila are 62225. Among these 222293 are katcha, 17712 are pucca and 22220 are semi pucca. (Source: CDMP)

Number of Dam

There are in total, 8 dams in Rangunia upazila which stretches over nearly 24.25 km. These dams protect the farming lands, roads, houses and very institutions from natural disasters, such as river bank erosion, floods, inland flooding during tide, tidal surges, etc. (Source: CDMP)

Switch Gate, Bridge and Culvert

Rangunia upazila has 15 switch gates, 77 bridges and 370 culverts. (Source: CDMP)

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Roads

Most of the roads within Rangunia upazila are paved; the communication system has improved significantly over the last 5-10 years. But the road system within the unions of the upazila is not better. All most villages connected to main road with herring bone road and earthen road. Total length of the road at this upazila is 1072 km. In most cases, travels are troublesome for losses of bricks on these roads. Around 169 Killo meter are pucca, around 339 km are HBB road and around 574 km are earthen road. (Source: CDMP)



Photographs 2.1: Major Road Network of Rangunia Upazila (Source: Reconnaissance Survey)

Irrigation System

For irrigation purposes, shallow and deep tubewells and shallow machine are used. It has total 8271 tube wells. Among these 1700 are deep tube wells and rest 6151 are shallow tube wells.

Table 2.4: Description of the Tube Wells at Rangunia Upazila

Type of Tube Well	No.	Coverage of Agriculture Land (acre)
Deep Tube Well	1700	24250
Shallow Tube Well	6151	Nil
Shallow Machine	420	1557

Source: Rangunia Upazila Disaster Management Plan, CDMP



Photographs 2.2: Irrigation Canal of Rangunia Upazila (Source: Reconnaissance Survey)

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Haat Bazaar

Hats and bazars are 22, fairs 8, most noted of which are Dhamaer Hat, Mughaler Hat, Roazar Hat, Shantir Hat, Mariam Nagar Hat, Chaitra Samkranti Mela (Rajanagar), Muharram Mela (Rangunia), Surya Brota Mela (Majumdarkhil Kadamtali), Rathjatra Mela and Bijoy Mela.



Photographs 2.3: Local Haat and Bazar of Rangunia Upazila (Source: Reconnaissance Survey)

Sewerage System

The inhabitants of the all union of Rangunia upazila are lag behind when it come to usage of proper and hygienic toilets. The upazila has nearly 34843 hygienic/metalled toilets, 151145 pit toilets out of 38715. Most of the pit and permanent toilets can be found in the houses of educated and conscious people's houses which have been built by various organizations. During flood 16750 latrin are above flood level and 29616 are active. So far near 15% people are not aware to use toilet properly and used to go open place for their natural defecation which are very unhealthy/un-hygienic.

Schools/Educational Institutions

Average literacy 54.3%; male 57.4%, female 50.9%. Educational institutions: college 9, secondary school 41, primary school 148, madrasa 15.



Photographs 2.4: Educational Institutions of Rangunia Upazila (Source: Reconnaissance Survey)

Religious Institution

The Rangunia upazila has 436 mosques, 110 Temples and 45 Eidgah field.

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Photographs 2.5: Religious Place of Rangunia Upazila (Source: Reconnaissance Survey)

Health care

There is only 1 sub-district health complex (Government Hospital), 10 Union Health and Family Welfare Center (Government), 32 Community Clinic (Government), and 43 family planning and healthcare center. Apart from this people from many of the unions depend upon pharmacy, Ojha, Kabiraj and Herbal medicine to cure illness. If the diseases are of complicated nature then the well to do people travel to Chittagong for healthcare services.



Photographs 2.6: Health care Facilities of Rangunia Upazila (Source: Reconnaissance Survey)

Number of Banks

There are 12 banks in Rangunia Upazila, given bellow:

Table 2.5: Bank at Rangunia Upazila

Union	Name of the Bank	Types of Services
Mariamnagar	Krishi Bank, UCB	Provides agricultural loans on easy conditions, distributing government allowance and money deposits
Lalanagar	Krishi Bank	Money deposits ,DPS,provides loans on easy conditions,provides salary allowance to non-government Officers
Rajanagar	Pubali Bank, First Security Islamic Bank, One Bank	Provides agricultural loans on easy conditions, distributing government allowance and money deposits
Rangunia	Agrani Bank	Provides agricultural loans on easy conditions, distributing

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		government allowance and money deposits
Chandraghona Kadamtali	Rupali Bank, One Bank, City Bank, First Security Islamic Bank, Grameen Bank	Provides agricultural loans on easy conditions, distributing government allowance and money deposits

Source: Rangunia Upazila Disaster Management Plan, CDMP

Post Office

There are 16 post offices in 15 unions at Rangunia upazila. These post offices provide the services of Exchange regular letters, Money order opportunity, Dak bima, Deposits Scheme etc.



Photograph 2.7: Banks Service Facilities
(Source: Reconnaissance Survey)



Photograph 2.8: Post Office of Rangunia

Cultural Center

There are 71 club/ cultural centers in Rangunia upazila.



Photographs 2.9: Eco Park of Rangunia Upazila (Source: Reconnaissance Survey)

GO/Voluntary Organization

Government institutions including different NGOs or volunteers organizations are working to development of soci-economic of the people of this upazila. Total 26 NGOs work in this upazila. These are BRAC, Grameen Bank, ASHA, Proshika, Prantic, Dishai etc.

Main Sports

Football, Cricket, Volleyball, Ha-do-do and Pole game are local sports.

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Playing Ground

There are 41 big play ground in this upazilla, every primary school has a small playing field and every higher secondary school has football fields. There are smaller fields in open areas.

Graveyard/ Crematorium:

Graveyard: 516, Hindu Crematorium: 170. Source: Rangunia Upazila Disaster Management Plan, CDMP

2.2.7 Agricultural Land

The Rangunia upazila covers in total, 87822 acres of land. Out of which 47346 acres of land is engaged in yearly single cropping farming, 36571 acres yearly twice cropping farming and 3945 acres for yearly 3 cropping farming. Agriculture and food related information of Rangunia Upazilla are given bellow:

Main crops: Paddy, Vegetable, Betel leaf, betel nut, Sugar cane, tobacco etc.

Vegetables: Tomato, Potato, Brinjal, Raddish, Flower cauli, Cabbage, Bean, Chili, Betel leaf, Betel nut, Lalshakh, Loncho, Kolmi, Peas, Kochu, Turmeric, Bitter Melons, Ginger, Felon, Pumpkins, Gourd, Rai Shakh, Ladies finger, Palong, Spinach, Cucumber etc.

Fruits: Mango, Damson Plum, Jackfruit, Pomelo, Orange, Olive, Star fruit, Banana, Wood Apple, Coconut, Dates, Areca Nut, Country Goose Berry, Bel, Golap Jum. Guava, Pineapple, Tum, Papaya, etc.



Photographs 2.10: Agricultural Land of Rangunia Upazila (Source: Reconnaissance Survey)

2.2.8 Bio-Diversity

Birds: Moyna, Oriental Magpie Robin, Vulture, Common Myna, Sparrow, Shyama, Crane, Waterhen, Parrot, Crow, Pigeon, Wood pecker, Tailor Bird, King Fisher, Weaver Bird, Gugu, Drongo, Bulbuli etc.

Wild animal: Wild cat, monkey, elephant, wild cock, deer, common mongoose, Squirrel, Gecko, fox, bear cat, wild boar, Chittagong bison, water monitor, bat etc

Reptile: Cobra, lizard, Water Monitor, Russel's Viper, Pangolin, Daras etc

Amphibians: Different types of frogs such as sona, kuno, kola etc

Domestic animals: Cow, goat, buffalo, ram, hen, pigeon, cat, dogs etc

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Fishes: Tilapia, carp, catla, African catfish, Nile tilapia, yellow tail catfish, Mrigal, Rohita, Barbe, Taki, Tengra, shrimp, Pursh, stinging catfish, etc. Due to human gripping above said animal, fishes, trees have decreased jeopardized comparing to the past. Most of the specimen will be extinct in future.

2.2.9 Geo-Physical Profile

2.2.9.1 Topography and Soil

This upazila is surrounded by 40% plain, 10% low and 50% mountain and high land. Type/nature of soil is 25% mixed soil, 25% clay, 30% sediment, 20% sand.

2.2.9.2 Hydrology and River Hydraulics

Main River is Karnafuli and Ichamoti river of Rangunia Upazila. Total length of these rivers is about 26 km within this upazila.

Ponds: In total there are 3617 ponds in Rangunia upazila comprised of both big and small ponds. Most of the ponds contain water but during the monsoon season, they all get filled up. Water from the ponds is used for everyday activities, fish farming, irrigation, etc. Most of the fishes grown in the ponds are Rui, Katla, Tilapia and other different types of carps although there has been a growth in the small fish production thus fulfilling nutritional demands as well as providing financial security. The fish farmers are contributing to the national economy by growing fishes in the ponds.

Canals: 47 Canals flow or pass by Rangunia upazila.



Photograph 2.11: Major River and Canal of Rangunia Upazila (Source: Reconnaissance Survey)

2.2.10 External Linkage

Roadway communication is the major communication of Rangunia Upazilla with Chittagong Sadar as well as other sub districts of Chittagong District. Types of transport used in this sub district are minibus, jeep, taxi, *tomtom*, auto-rickshaw and engine boat. Out of 15 unions within the upazila it has direct bus route connection with 8 unions. (Source: Rangunia Upazila Disaster Management Plan, CDMP)

(See Map 2.2: Regional Linkage and Transportation Network of Rangunia Upazila).

People are travelling usually by foot, rickshaw on earthen road, rickshaw, auto rickshaw and taxi in metalled road and boat in river among different unions and different wards of unions of this upazilla.

The roads in the Rangunia sub-district town are in good condition. Most of the roads are either paved or bricks built. Taxi, *tomtom* or rickshaw are using for local travel.

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There are paved roads from the sub-district to the unions but not all wards of the unions have paved roads, which makes travelling in the monsoon season risky.

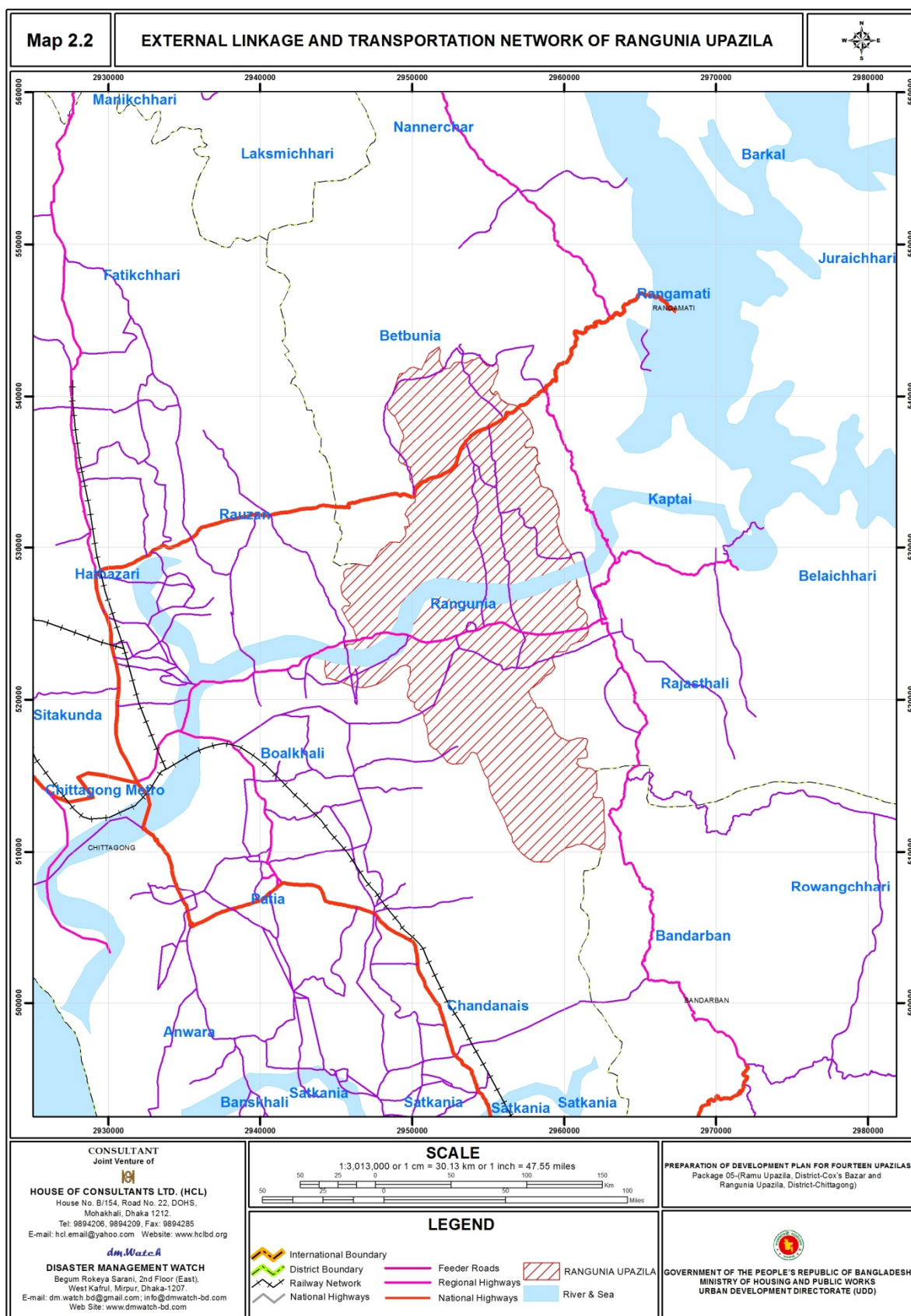
2.2.11 Local Stockholder of the Project Area

1. Upazila Parishad
2. Union Parishad
3. Paurashava/Municipality
4. Upazila Agricultural Office
5. Upazila Health and Family Planning Office
6. Upazila Animal Resource Office
7. Upazila Office, LGED
8. Upazila Education Office
9. Upazila Office of Food Controller
10. Fire Service and Civil Defense
11. Upazila Social Service Office
12. Upazila Youth Development Office
13. Upazila Ansar and VDB Office
14. Local Level Police Authority
15. Upazila Somobay Office
16. Press Club
17. Project Implementing Office
18. Local Office of Ministry of Environment and Forest
19. Roads and Highways Department
20. Bangladesh Forest Department
21. Department of Disaster Management
22. Bangladesh Small and Cottage Industry Corporation
23. Bangladesh Bureau of Statistics
24. Bangladesh Tourism Board
25. Department of Archeology of Bangladesh

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CHAPTER-03: **MOBILIZATION AND RECONNAISSANCE SURVEY**

CHAPTER-3: MOBILIZATION AND RECONNAISSANCE SURVEY

3.1 Introduction

This chapter describes the deployment of key personnel and supporting staff for the intended project and also describes the initial consultation meeting, reconnaissance survey and details experiences of field visit.

3.2 Team Mobilisation

After signing of agreement with UDD, the consultant took preparation for mobilization of project personnel including appointment of additional staff for the project.

Table-3.1: Key Personnel/Sub-Consultants

SI No	Name of Consultant	Position	Man-Month	Date of Joining	Comments
1.	DR. M. MAKSUDUR RAHMAN	Team Leader	13	01 January, 2015	<p>*Serial 4 are mobilized for full time</p> <p>**Serial 1 to 3 and 4 to 12 are mobilized as staggered deployment</p> <p>*** All team members are agreed to join this project and they started to work as per working schedule.</p>
2.	S.M. ABDULLAH AL-MASUM	Urban Planner	08		
3.	MOHAMMAD ATIKUL ISLAM	Urban Planner	08		
4.	MD. LUTFOR RAHMAN	GIS Expert	21		
5.	ATIF MASWOOD M. SAADI, P.E.	Transport Planning Expert	04		
6.	SAIFUL AZIM	Photogrammetric Expert	04		
7.	D.S. ADIBUL ABEDIN	Civil Engineer cum Hydrologist	04		
8.	MD. SADEQUL ISLAM	Social Expert	06		
9.	MD. ABDUS SALAM	Urban Economist	04		
10.	MD. DIDARUL ISLAM	Agriculture Scientist	02		
11.	DR. MD. BODRUDDOZA MIA	Geologist	04		
12.	MD. MOSTAFIZUR RAHMAN	Associate Geologist	04		
13.	MASUD MOLLA	Geological Survey Technician	02		
14.	S. S. BIDDYA BARON SARKER	Survey Expert	03		

The team of consultants has been mobilized four consultants including the Team Leader. They have joined and started their work. The **Table-3.1** shows the status of mobilization of the consulting team working under the project. To help accomplish the tasks of Preparation of Development Plan for

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Fourteen Upazilas under the package-05 (Ramu Upazila and Rangunia Upazila), the consultant appointed 04 planners as support staff. These personnel will be engaged in the Upazila level to collect data, supervise survey work and conduct sample household survey of the Upazila. They will keep continuous liaison with Upazilas and support the team members by supplying necessary information from the Upazilas and other government and on-government sources. Details of the meeting minutes are provided in **APPENDIX-1**.



Photographs 3.1: Contract Signing and Team Mobilization Meeting

3.3 INITIAL REGIONAL CONSULTATION

3.3.1 Consultation Meeting With Upazila Nirbahi Officer (UNO)

UDD, on 9th January, 2015, arranged an initial consultation meeting on the project with the Upazila Nirbahi Officer at the Rangunia Upazila office. The UNO, Mohammad Saiful Islam Mazomder, were invited to participate. The meeting was presided over by the Mr. Shafiqul Islam Khan, Project Manager (Package-05), Preparation of Development Plan for Fourteen Upazilas (PDPFU) Project,

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UDD. Urban planner Mr. S.M. Abdullah Al-Masum, Consultant of PDPFU, described the purpose of the inception meeting. Next the Mr. S.S. Biddya Baron Sarker, Survey Expert and Bandhan Dutta Ayon, Assistant Urban Planner of the Team of the consultants in charge of Package-5, briefed about the concept of Development Plan and its various components, including the background of undertaking the project in the backdrop of rapid urbanization in the country. Mr. Selim Reza, Director and CEO, House of Consultants Ltd. also explained about the need for urban planning for creating a sustainable and environment friendly place for living and working. Details of the meeting minutes are provided in **APPENDIX-A**.



Photographs 3.2: Consultation Meeting With Upazila Nirbahi Officer (UNO)

3.3.2 Consultation Meeting With Upazila Chairman and Local People

An initial consultation meeting on the project with the project Upazila Chairman was arranged by UDD, on 9th January, 2015 at Rangunia. The Chairman of the Upazila, Mr. Ali Shah, including some Union Members, and the mass people of the Upzaila were invited to participate. The meeting was presided over by the Mr. Shafiqul Islam Khan, Project Manager (Package-05), Preparation of Development Plan for Fourteen Upazilas (PDPFU) Project, UDD. Urban planner Mr. S.M. Abdullah Al-Masum, Consultant of PDPFU, described the purpose of the inception meeting. Next the Mr. S.S. Biddya Baron Sarker, Survey Expert and Bandhan Dutta Ayon, Assistant Urban Planner of the Team of the consultants in charge of Package-5, briefed about the concept of Development Plan and its various components, including the background of undertaking the project in the backdrop of rapid urbanization in the country. Mr. Selim Reza, Director and CEO, House of Consultants Ltd. also explained about the need for urban planning for creating a sustainable and environment friendly place for living and working. The team of the consultants also took notes on the problems of the Upazila, mentioned by the local people during the open discussion. Details of the meeting minutes are provided in **APPENDIX-A**.



Photographs 3.3: Consultation Meeting With Upazila Chairman and Local People

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Preparation of Development Plan for Fourteen Upazilas

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3.3.3 Consultation Meeting With Mayor and Councilors

Another initial consultation meeting on the project with the Rangunia Paurashava was arranged by UDD, on the same date. The Mayor of the Paurashava, Md. Khalilur Rahman, including some Ward Councilors (Abdus Samad Khan, Councilor, Ward No.-7; Md. Helal Uddin Shah, Councilor, Ward No.-3; Mohammad Selim, Councilor, Ward No.-5) were participated in the meeting. The meeting was presided over by the Mr. Shafiqul Islam Khan, Project Manager (Package-05), Preparation of Development Plan for Fourteen Upazilas (PDPFU) Project, UDD. Urban planner Mr. S.M. Abdullah Al-Masum, Consultant of PDPFU, described the purpose of the inception meeting. Next the Mr. S.S. Biddya Baron Sarker, Survey Expert and Bandhan Dutta Ayon, Assistant Urban Planner of the Team of the consultants in charge of Package-5, briefed about the concept of Development Plan and its various components, including the background of undertaking the project in the backdrop of rapid urbanization in the country. Mr. Selim Reza, Director and CEO, House of Consultants Ltd. also explained about the need for urban planning for creating a sustainable and environment friendly place for living and working. Secretary of the Press Club was also present in the meeting and the full meeting was covered for publishing news in the local Newspaper for mass concern. After the end of the meeting the participants were treated with refreshment. The Details of the meeting minutes are provided in **APPENDIX-A**.



Photographs 3.4: Consultation Meeting With Mayor and Councilors

3.4 EXPERIENCE OF RECONNAISSANCE SURVEY

In the reconnaissance survey the team of consultants visited and gathered knowledge and ideas on local growth centers, heritage and religious sites, tourist attraction places, regional linkages, local road networks, traffic and transportation facilities, education facilities, economic activities, major rivers and canals, natural resources, utility facilities, waste management facilities, industrial and agricultural activities of the Upazila and so on.

In the past, people were dependent on only weekly haat in this Rangunia Upazilla. The number of small and big bazar has been increased within last 10 to 15 year gradually along with weekly haat. Usually the people are used to purchase and sale the daily necessary goods in the haat bazaar.

Noted educational institutions were very limited, such as: Rangunia College (1963), Rangunia Ideal Multilateral Pilot High School (1915), Rangunia Khilmogal Rashik High School (1926), Rangunia Majumdarkhil High School (1927), Pomara High School (1928), Uttar Rangunia High School (1942), Kadamtali Government Primary School (1887), Uttar Padua Government Primary School (1902), Ghagra Shatgharia Government Primary School (1930), Rangunia Nurul Ulum Fazil Madrasa (1936). But, over the last two decades, the general condition of education has improved noticeably. The percentage of child education has increased significantly since 1991.

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Rangunia Upazila has the very prominent potentials (e.g. Sheikh Russel Aviary and Recreation Park) for tourism activities which has found and marked by the team. Rangunia Upazila is not so far from Chittagong City. It is very close to Chittagong University of Engineering and Technology (CUET) which would be a proponent of educational and cultural advancement and generation of economic activities in the area. Rangunia has also good prospects for small and cottage industry which should be investigated regarding forward and backward linkages and thus addressed in the plan.



Photograph 3.5: Local made bamboo crafts are being sold in markets in Rangunia

(Source: Reconnaissance Survey)

But there are some critical problems those are accountable for low standard of lifestyle of the people of Rangunia. Rangunia Upazila is a flood prone area and during the flooding period the sanitation facilities become worst as many of the toilets are of katcha structure. Because of the absence of sustainable alternative employment opportunities framers, fishermen and day laborers (directly and indirectly involved in farming) face unemployment problem due to natural disasters (e.g. flood, drought, river erosion).

There are also some problems regarding road infrastructures and traffic situation. In the municipality area traffic congestion is severe and going to be more critical in near future if necessary interventions are not adopted. The team of consultants pointed out that lack of bus/auto stand is one of the main reasons behind traffic jam along with some issues of road network (e.g. road width, poor road condition). Waste dumping places are not well designated and road side waste disposal were observed in several places.



Photographs 3.6: Roadside auto stands and waste disposal in Rangunia

(Source: Reconnaissance Survey)

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The team also pointed out and noted other features (e.g. road network, tourist attraction places, drainage facilities, bus and auto stands) necessary for detailed survey and studies. The project team was fully assisted by the local people and administration throughout the reconnaissance survey.



Photographs 3.7: Transport facilities of Rangunia Upazila (Source: Reconnaissance Survey)

3.5 SETTING UP PROJECT OFFICE AT POURASHAVA

The consultant is taking steps to set up a site office in Ramu Upazila. The Upazila Nirbahi Officer (UNO) has been requested through a letter to allocate space if possible in the Upazila premises. In case the space is not available in the Upazila premises, the consultant will make its own arrangements for setting up site office.

3.6 COLLECTION OF MOUZA MAPS AND OTHER SECONDARY MAPS AND MATERIALS

The team of consultants has collected different information and data from the local and national level secondary sources. Different studies and projects on Rangunia are given due consideration for collecting necessary data. The team also contacted with different relevant institutions or bodies for collecting secondary information regarding planning purposes. The collection of Mouza maps are also in progress.

CHAPTER-04: **WORK PROGRAMME AND MANNING SCHEDULE**

CHAPTER-04:

WORK PROGRAMME AND MANNING SCHEDULE

4.1 Introduction

The study titled 'Preparation of Development Plan for Fourteen Upazilas' entails a lot of multidisciplinary activities as like Existing physical Features and Land Use Survey, Topographic Survey, Socio-economic Survey, Traffic Survey, Population and Migration Survey, Industrial Surveys, Recreational and Open Space Survey, Hydrology and Environmental studies, Economic Activities studies, Anthropological and Ethnographical Study, Heritage, Archaeology and Tourism management and studies, Hazard management and studies and also prepares Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan for the project area and also preparation of maps, reports, etc

4.2 Manning Schedule

The Terms of Reference specifies the consultant's team comprising of 13 consultants including Urban Planners, GIS Expert, Survey Expert, Transport Planning Expert, Photogrammetric Expert, Civil Engineer cum Hydrologist, Social Expert, Urban Economist, Agriculture Scientist, Geologist, Associate Geologist, Geological Survey Technician with specified person-months inputs varying from 02 pm to 21 pm. This is a quite wise decision to keep the person-month inputs fixed based on the need assessment of the project to avoid flexibility in thinking of proposal writers resulting in direct impact on cost variation. However, the allocation of person-month of the Experts throughout the project implementation period, especially intermittent services of the Consultants' team members having short duration person-month input provision require professional judgments that may vary among the proposal writers. The consultants based on their professional knowledge gained from recent past completed and on-going similar/related projects, have been assigned person-months over the project period to meet demand of specialist and expert services to accomplish the tasks through out the assignment period covering review, survey and investigation, formulation policies and strategies, and review and preparation of Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan and preparation and submission of reports, etc.

The ToR specifies a total of 146 person-months (pm) for the PDPFU Consultant's team of which 79 pm kept for Consultants and Experts and 67 pm for supporting staffs with varying person month from 02 to 21 per consultant over the total period (21 months) of consultancy assignment. The total person-months have been distributed by the consultants in accordance with the planned work schedule provided in **Figure 5.1**.

The ToR has also kept provision of 67 person-months for the support and supervising staff including Assistant Urban Planners, Assistant GIS Analyst, Office Manager and other for field and office works, etc.

Preparation of Development Plan for Fourteen Upazilas

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PREPARATION OF DEVELOPMENT PLAN FOR FOURTEEN UPAZILAS UNDER UDD

Sl. No.	Position	Name	Staff-month Input by Month																					Total Staff Input			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Home	Field	Total	
A. KEY PROFESSIONALS																											
1	Team Leader	DR. M. MAKSUDUR RAHMAN																									
2	Urban Planner	SM. ABULLAH ALMASUMI																									
3	Urban Planner	MOHAMMAD ATIKUL ISLAM																									
5	GIS Expert	MD. LUTFOR RAHMAN																									
6	Transport Planning Expert	ATIF MASWOOD M. SAADI																									
7	Photogrammetric Expert	SAIFUL AZIM																									
8	Civil Engineer cum Hydrologist	D.S. ABUL ABEEN																									
9	Social Expert	MD. SADEQUE ISLAM																									
10	Urban Economist	MD. ABUS SALAM																									
12	Agriculture Scientist	MD. DIDARUL ISLAM																									
13	Geologist	DR. MD. BOORUDDOZA MIA																									
14	Associate Geologist	MD. MOSTAFIZUR RAHMAN																									
15	Geological Survey Technician	MASUD MOLLA																									
16	Survey Expert	S. S. BIDDYA BARON SARKER																									
Total																									43	44	87
B. SUPPORT STAFF																											
1	Jr. Urban Planner	Banahan Datta Ayon																							6	2	8
2	Jr. Urban Planner	Jannatul Maurya Datta																							8	0	8
3	Asst. GIS Analyst	Toufic Alam																							8	0	8
4	Asst. GIS Analyst	MD. Rabul Awal																							8	0	8
5	Asst. GIS Analyst	Saidur Rahman																							8	0	8
6	Asst. GIS Analyst	Mustafa Shomoy																							8	0	8
7	Office Manager Cum Accountant	MD. Ariful Islam																							12	7	19
Sub Total (B)																									58	9	67
Total (A+B)																									101	53	154

HCL-dmWatch

Mobilization Report

Preparation of Development Plan for Fourteen Upazilas

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4.3 Task Specification of Project Team

Team Leader is the head of the project operation who bears the overall responsibility of timely completion of the project. He will lead this team; get works done under each component. He will prepare work programme, assign experts their jobs, closely monitor their works and consult with Project Director on all issues in this respect. He will prepare study reports on the basis of various surveys and ultimately make all planning proposals, their implementation procedure and develop some prioritized sub- projects. during the preparation of plan he will arrange consultation meeting with stakeholders, utility providers, community leaders, political leaders, local government institutions, local elites, etc. and reflect their logical desire as far as possible in the plan. He will lead all his activities as per ToR and suggestions of Project Director.

4.4 Work Schedule

An effective work schedule is one of the major components of the project for its successful completion. The consultants have made an in-depth assessment of the requirements in the ToR both in respect of services and demanding time schedule particularly for review of previous relevant plans and documents and, detailed survey updating and capacity building and training, and preparation of Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan for the project area. The systematic planning of the Activity Schedule always ensures quality of standards during the implementation of the project. Detail activity schedule of the PDPFU Project is presented in **Figure-5.2**.

4.5 Tasks and Responsibilities of the Professionals

Proposed key personnel both international and national selected for the consultancy services for Preparation of Development Plan for Fourteen Upazilas are all highly qualified and specialized in their respective fields. Highest thought and consideration have been given for selecting and offering a team most suitable for the assignment.

4.6 Reporting Schedule to be submitted (Both soft and hard copy)

Table-5.1: Format of Reports to be submitted to UDD

Report	Language	Number of Copies to be Submitted		Period of Submission	Binding Status
		Draft	Final		
Mobilization Report	English	02	20	End of 15 Days	Spiral Binding
Inception Report	English	02	20	End of 1 st Month	Spiral Binding
Draft Survey Report	English	02	20	End of 6 th Month	Spiral Binding
Final Survey Report	English	02	20	End of 8 th Month	Spiral Binding
Draft Final Plan Report	English	02	20	End of 19 th Month	Spiral Binding
Final Plan Report	English	20		End of 21 th Month	Leather Binding

Source: Terms of Reference (ToR) of PDPFU



CHAPTER-05: CONCLUSION

Chapter-05:

CONCLUSION

5.1 CONCLUSION

Ragunia is an urban centre with potentials for growth. The main impetus of growth comes from the natural resources (e.g. forests) and tourism activities. The town has good industrial and business potentiality (e.g. Small and Cottage Industry). Congenial investment climate will have to be created for this purpose providing necessary facilities and services. It has good communication with Chittagong and other surrounding urban centers. As an urban center with economic potentiality and good transport linkage has prospects of developing as an important trading center if provided with necessary infrastructure and services. Preliminary investigations reveal that the Upazila suffers from a number of urban related problems very typical in urban centers of the country. Despite its advantages and opportunities in many respects these problems undermine investment prospects. Care has to be taken during ensuing plan preparation to address these problems of the town on priority basis. Like other urban centers, traffic congestion is a severe problem for the town and likely to take precarious shape in future, if it is not intervened immediately. There is need for more sustainable drainage system, which must also have to be addressed in the plan. The stakeholder consultation on development plan has opened up a new horizon in participatory development planning and this will make development efforts more sustainable and people oriented. This will surely strengthen Upazila's accountability to the people and promote good governance.

The successful completion of the consultants' team mobilization and later the reconnaissance survey of the consultants along with the UDD officials have paved the way for preparation of this Mobilization Report and this lead to the work of Inception and preparation of the report.

ANNEXURES

**Preparation of Development Plan for Pakcage-05 (Rangunia & Ramu Upazila)
under the Project 'Preparation of Development Plan for Fourteen Upazilas' of
Urban Development Directorate (UDD)**

Team Mobilization Meeting Minutes

The Team Mobilization meeting in connection with the consultancy services “ Preparation of Development Plan for Package 05 (Rangunia & Ramu Upazila)” under the project titled “Preparation of Development Plan for Fourteen Upazilas” initiated by Urban Development Directorate (UDD) was held on 27-12-14 in the office of the lead firm House of Consultants Ltd. (HCL), House # B-154, (Ground Floor), Road# 22, D.O.H.S, Mohakhali, Dhaka-1212 with Selim Reza, Managing Director, House of Consultants Limited in the Chair. The meeting was attended by the personnel of associated firm “Disaster Management Watch (dm.Watch)” and consultants to be engaged for the said assignment. Attendance of the meeting is attached in Annex-01.

The meeting started with a welcome address by the Managing Director of HCL. The Chairperson first introduced himself briefly and invited all to introduce themselves. All presented consultants along with Team Leader introduced themselves. After introduction MD of HCL introduce about the project to be performed by this team, contract with UDD and relevant issues. After his deliberation, Mr. SS Bidya Baran Sarker discussed about some other issues like; facilitation to the consultants, work environment, reporting, field visit and so forth. After the discussion he invited Team Leader to take the floor and discuss about the assignment and their initial set up. Team Leader Dr. M Maksudur Rahman discussed with other consultants about the assignment, scope of work, initial plan etc. Senior Planner SM Abdullah Al Masum, GIS Expert Md. Lutfur Rahman, Transport Expert Atif Maswood M Sadi, Photogrametric Expert Saiful Azim also participated in the discussion.

After a threadbare discussion session, all consultants signed their contract papers with the JVC for the said assignment. The Chair expected a quality and professional performance from the team and assured all to provide all out support to the team to perform their responsibilities.

The meeting ended with a vote of thanks from the Chair.

Selim Reza

Managing Director

House of Consultants Ltd.

রাঙ্গুনিয়া উপজেলা কার্যালয়

রাঙ্গুনিয়া, চট্টগ্রাম

স্মারক নং-

তারিখ: ০৯-০১-২০১৫

রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে মত বিনিময় সভা।

সভার তারিখ : ৯ জানুয়ারি, ২০১৫।

স্থান : রাঙ্গুনিয়া উপজেলা কার্যালয়

সময় : সকাল ১০.০০ ঘটিকা।

সভায় উপস্থিতির বিবরণ:

অদ্য ৯ জানুয়ারি, ২০১৫ রোজ শুক্রবার সকাল ১০.০০ ঘটিকায় উপজেলা মিললায়তনে রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে মত বিনিময় সভা অনুষ্ঠিত হয়। পৃথক পৃথক দুইটি সভায় সভাপতিত্ব করেন যথাক্রমে উপজেলা চেয়ারম্যান জনাব আলি শাহ এবং উপজেলা নির্বাহী অফিসার মোহাম্মদ সাইফুল ইসলাম মজুমদার। উক্ত মত বিনিময় সভাগুলোতে স্থানীয় গণ্যমান্য ব্যক্তিবর্গ, বিভিন্ন ইউনিয়ন মেম্বার বৃন্দ, প্রকল্প ব্যবস্থাপক মহোদয়, ডেভেলপমেন্ট প্ল্যান প্রণয়ন প্রকল্পে নিযুক্ত পরামর্শকবৃন্দ উপস্থিত হয়ে আলোচনায় অংশগ্রহণ করেন।

সভার আলোচনা:

প্রথমেই রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর উপস্থিতিকে প্রারম্ভিক ধারণা দেন জনাব শফিকুল ইসলাম খান, প্রকল্প ব্যবস্থাপক (প্যাকেজ-৫), প্রিপারেশন অফ ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস। এ আলোকে পর্যায়ক্রমে উপজেলা উন্নয়ন প্রকল্পের পরামর্শক দলের সিনিয়র নগর পরিকল্পনাবিদ জনাব এস. এম. আব্দুল্লাহ আল-মামুন প্রারম্ভিক সভার উদ্দেশ্য ও লক্ষ্যের উপর আলোকপাত করেন। পরবর্তীতে পরামর্শক দলের সার্ভে এক্সপার্ট এস. এস. বিদ্যা বরণ সরকার এবং নগর পরিকল্পনাবিদ বন্ধন দত্ত অয়ন উন্নয়ন প্রকল্পের ধারণা ও এর বিভিন্ন দিক নিয়ে আলোচনা করেন। এতে দ্রুত ও অপরিবর্তিত নগরায়নের প্রেক্ষিতে উন্নয়ন প্রকল্প গ্রহণ ও এর বাস্তবায়নের প্রয়োজনীয়তা নিয়েও আলোচনা হয়। পরামর্শক সংস্থা হাউজ অফ কনসালটেন্টস এর পক্ষে এর পরিচালক জনাব সেলিম রেজা টেকসই ও পরিবেশবান্ধব শহর ও জীবনযাপনের জন্য নগর পরিকল্পনার প্রয়োজনীয়তার উপর মতামত প্রদান করেন। এরই ধারাবাহিকতায় আলোচনায় অংশগ্রহণ করেন উপজেলা ভাইস চেয়ারম্যান, উপজেলা নির্বাহী অফিসার, বিভিন্ন ইউনিয়ন মেম্বার বৃন্দ এবং স্থানীয় গণ্যমান্য ব্যক্তিবর্গ।

রাঙ্গুনিয়া ভাইস উপজেলা চেয়ারম্যান জনাব আলি শাহ তার বক্তব্যে বলেন, চট্টগ্রাম জেলার অধীনে অবস্থিত রাঙ্গুনিয়া উপজেলা অত্যন্ত গুরুত্বপূর্ণ একটি উপজেলা, যা প্রাকৃতিক সৌন্দর্য ও সম্পদে বলীয়ান। এ উপজেলায় দেশী বিদেশী পর্যটকসহ অনেকে আগমন করেন। সম্প্রতি উদ্বোধন হওয়া শেখ রাসেল এভিনিউর এন্ড রিক্রেশনাল পার্ক এর গুরুত্ব অনেক বৃদ্ধি করেছে। এই সঙ্গত কারণে রাঙ্গুনিয়ার বাস্তুবমুখী উন্নয়ন দ্রুত প্রয়োজন। অতঃপর রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক এই মতবিনিময় সভায় অবরোধ উপেক্ষা করে যারা উপস্থিত হয়েছেন তাদেরকে আন্তরিক অভিনন্দন ও স্বাগত শুভেচ্ছা জানাচ্ছি। মূলত রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান প্রস্তুত এবং সেই অনুযায়ী রাঙ্গুনিয়ার উন্নয়নের জন্য আজকের এই মতবিনিময় সভা আয়োজনের জন্য যাদের আন্তরিক ও ঐকান্তিক প্রচেষ্টা ছিল তাদেরকে রাঙ্গুনিয়াবাসীর পক্ষ থেকে আন্তরিক অভিনন্দন ও রক্তিম শুভেচ্ছা জানিয়ে উপজেলার বাস্তু কিছু চিত্র, কিছু কথা বলতে চাই। রাঙ্গুনিয়া উপজেলা একটি পাহাড়ি এলাকা এবং এটি জলবায়ু পরিবর্তনের ঝুঁকিতে আছে। তাই উন্নয়ন প্রকল্পে এই ব্যাপারটাকে প্রাধান্য দিয়ে পরিকল্পনার উপর জোর দিচ্ছি। এখানে বর্তমানে যে রাস্তা-ঘাট, ব্রীজ-কালভার্ট বিদ্যমান রয়েছে তা বেশ আগেই নির্মিত হয়েছে। বর্তমান চাহিদা ও যানবাহন বৃদ্ধির প্রেক্ষিতে যা যথেষ্ট নয় এবং এই কারণে এখানে যানজট নিত্যই বেড়ে চলছে। এ ব্যাপারটাও পরিকল্পনার সময় আমলে নেয়ার জন্য অনুরোধ করছি। পরিশেষে সবাইকে ধন্যবাদ জানিয়ে এবং প্রকল্প অগ্রগতির সাথে সাথে বিভিন্ন দিকে সুচিন্ত ও প্রয়োজনীয় মতামত দেবার আশ্বাস দিয়ে আমার বক্তব্য শেষ করছি।

পরবর্তীতে বিভিন্ন ইউনিয়ন চেয়ারম্যান তাদের নিজ ও ইউনিয়নের জনগণের সহযোগিতার ব্যাপারে আশ্বাস দেন, বিশেষ করে পারটিসিপেটরি রুরাল এপ্রাইজালের সময়ও তাদের ইউনিয়নের জনগণের স্বতঃস্ফূর্ত অংশগ্রহণের ব্যাপারটি নিশ্চিত করেন।

পৃথক সভায় উপজেলা নির্বাহী অফিসার মোহাম্মদ সাইফুল ইসলাম মজুমদার বলেন, তাঁর ও উপজেলা প্রশাসনের যথাযথ সহযোগিতা সবসময়ই অব্যাহত থাকবে। তিনি বলেন, আমি আশাবাদী এ প্রকল্প হাতে নেওয়ায় এলাকার জনগণ তাদের নিজ নিজ অবস্থান থেকে উপজেলার সার্বিক উন্নয়নের জন্য চিন্তা করার সুযোগ পাবে, এতে সচেতনতা বৃদ্ধির মাধ্যমে এলাকার প্রকৃত সমস্যা ও তার সমাধানের পথ সুগম হবে। তিনি সভায় উপস্থিত সবাইকে ধন্যবাদ জানিয়ে তার সংক্ষিপ্ত বক্তব্য শেষ করেন।

সাক্ষর



জনাব আলি শাহ
ভাইস চেয়ারম্যান,
রাঙ্গুনিয়া উপজেলা, চট্টগ্রাম

রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে পৌর মেয়রের সাথে মত বিনিময় সভা।

সভার তারিখ : ৯ জানুয়ারি, ২০১৫।

স্থান : পৌর মেয়রের নিজ বাসভবন

সময় : দুপুর ১২.৩০ ঘটিকা।

সভায় উপস্থিতির বিবরণ:

অদ্য ৯ জানুয়ারি, ২০১৫ রোজ শুক্রবার দুপুর ১২.৩০ ঘটিকায় রাঙ্গুনিয়া পৌর মেয়রের নিজ বাসভবনে রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন পরিকল্পনা) প্রস্তুতকরণ কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে মত বিনিময় সভা অনুষ্ঠিত হয়। সভায় সভাপতিত্ব করেন পৌর মেয়র জনাব মোঃ খলিলুর রহমান। উক্ত মত বিনিময় সভায় স্থানীয় গণ্যমান্য ব্যক্তিবর্গ, বিভিন্ন ওয়ার্ড কাউন্সিলর বৃন্দ (আব্দুস সামাদ খান, কাউন্সিলর, ওয়ার্ড নং-৭; মোঃ হেলাল উদ্দিন শাহ, কাউন্সিলর, ওয়ার্ড নং-৩; মোঃ সেলিম, কাউন্সিলর, ওয়ার্ড নং-৫) প্রকল্প ব্যবস্থাপক মহোদয়, ডেভেলপমেন্ট প্ল্যান প্রণয়ন প্রকল্পে নিযুক্ত পরামর্শকবৃন্দ উপস্থিত হয়ে আলোচনায় অংশগ্রহণ করেন।

সভার আলোচনা:

প্রথমেই রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর উপস্থিতিকে প্রারম্ভিক ধারণা দেন জনাব শফিকুল ইসলাম খান, প্রকল্প ব্যবস্থাপক (প্যাকেজ-৫), প্রিপারেশন অফ ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস। এ আলোকে পর্যায়ক্রমে উপজেলা উন্নয়ন প্রকল্পের পরামর্শক দলের সিনিয়র নগর পরিকল্পনাবিদ জনাব এস. এম. আব্দুল্লাহ আল-মামুন প্রারম্ভিক সভার উদ্দেশ্য ও লক্ষ্যের উপর আত্মপাত করেন। পরবর্তীতে পরামর্শক দলের সার্ভে এক্সপার্ট এস. এস. বিদ্যা বরণ সরকার এবং নগর পরিকল্পনাবিদ বন্ধন দত্ত অয়ন উন্নয়ন প্রকল্পের ধারণা ও এর বিভিন্ন দিক নিয়ে আলোচনা করেন। এতে দ্রুত ও অপরিকল্পিত নগরায়নের প্রেক্ষিতে উন্নয়ন প্রকল্প গ্রহণ ও এর বাস্তবায়নের প্রয়োজনীয়তা নিয়েও আলোচনা হয়। পরামর্শক সংস্থা হাউজ অফ কনসালটেন্টস এর পক্ষে এর পরিচালক জনাব সেলিম রেজা টেকসই ও পরিবেশবান্ধব শহর ও জীবনযাপনের জন্য নগর পরিকল্পনার প্রয়োজনীয়তার উপর মতামত প্রদান করেন। এরই ধারাবাহিকতায় আলোচনায় অংশগ্রহণ করেন উপজেলা চেয়ারম্যান, উপজেলা নির্বাহী অফিসার, বিভিন্ন ওয়ার্ড কাউন্সিলর বৃন্দ এবং স্থানীয় গণ্যমান্য ব্যক্তিবর্গ।

রাঙ্গুনিয়া পৌরসভার মেয়র জনাব মোঃ খলিলুর রহমান তার বক্তব্যে বলেন, রাঙ্গুনিয়া উপজেলার অত্যন্ত গুরুত্বপূর্ণ একটি এলাকা এর পৌর এলাকা, যা অর্থনৈতিক কার্যক্রমের কেন্দ্রবিন্দু। এতে স্থানীয় কুটির শিল্প ও হস্তশিল্পের ভূমিকা অনস্বীকার্য। এই সঙ্গত কারণে রাঙ্গুনিয়ার বাস্তবমুখী উন্নয়নে প্রয়োজন এ শিল্পগুলোর যথাযথ বিকাশের জন্য সহযোগিতামূলক প্রকল্প প্রণয়ন। অতঃপর রাঙ্গুনিয়া উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক এই মতবিনিময় সভায় অবরোধ উপেক্ষা করে যারা উপস্থিত হয়েছেন তাদের আন্তরিকতা ও ঐকান্তিক প্রচেষ্টার প্রসংশা করছি এবং এলাকাবাসীর পক্ষ থেকে আন্তরিক অভিনন্দন ও

শুভেচ্ছা জানাচ্ছি। তিনি আরও বলেন, রাঙ্গুনিয়া পৌরসভার যানজট সমস্যা দিন দিন প্রকট আকার ধারণ করেছে, যার ব্যবস্থাপনা ও সমাধানের লক্ষ্যে কাজ করার জন্যে পরামর্শক দলকে আহ্বান জানান। পরিশেষে সবাইকে ধন্যবাদ জানিয়ে এবং প্রকল্প অগ্রগতিতে তার সার্বিক সহযোগিতার আশ্বাস দিয়ে তার বক্তব্য শেষ করেন।

পরবর্তীতে বিভিন্ন ওয়ার্ড কাউন্সিলর তাদের নিজ ও ওয়ার্ডের জনগণের সহযোগিতার ব্যাপারে আশ্বাস দেন, বিশেষ করে পারটিসিপেটরি রুরাল এপ্রাইজালের (পি.আর.এ) সময়ও তাদের ইউনিয়নের জনগণের স্বতঃস্ফূর্ত অংশগ্রহণের ব্যাপারটি নিশ্চিত করেন।এসময় ওয়ার্ড নং-৫ এর কাউন্সিলর মোঃ সেলিম এলাকার ড্রেনেজ সমস্যার কথা তুলে ধরেন এবং ওয়ার্ড নং-৭ এর কাউন্সিলর আব্দুস সামাদ খান তার এলাকার কাঁচারাস্তা পাকাকরণের ব্যাপারটির গুরুত্ব আলোচনা করে, তা পরিকল্পনায় অন্তর্ভুক্তির প্রস্তাব করেন।

সাক্ষর

মোঃ খলিলুর রহমান
মেয়র

রাঙ্গুনিয়া পৌরসভা, চট্টগ্রাম

**ATTENDANCE OF INITIAL CONSULTATION MEETING
RANGUNIA UPAZILA**

- নাম, মোবাইল নম্বর, পদবী
- ০১ আবদুল হাঃ মালিকুল হক (সংস.)
ফোন নং: ০১৮১ ৬০৭৭৬৩
- ০২ আবদুল মালিক মাসুম জেডসিএল (বিসএসসি)
০১৮২ ০০৭৯৩১৬
- ০৩ মোঃ হুসাইন উল্লাহ জেডসিএল (বিসএসসি)
০১৮০ ৬১০০২৭
- ০৪ মোঃ হুসাইন জেডসিএল (বিসএসসি)
০১৮০ ২০৬৩৪৩

* Ali Hossain - UP Chairman, Rangunia
01819895031

* Abdul karim (01833817131)
01819360470

০১ মুহাম্মদ আবদুল হাঃ

উপজেলা ভার্স জোবজান
উপজেলা পরিষদ রংগুনিয়া
চট্টগ্রাম,
০১৮১৫৫১০২২৭
০১৮১৬০৬০৬০১

০২ মুহাম্মদ মিজানুর রহমান
জিএসসি, চট্টগ্রাম জিএসসি
০১৮৪০০৭৩০৪৫

০৬ মুহাম্মদ ইয়াকুব আলী -
মোবাইল - ০১৮১৭২৫৭০২১

নাম: মুহাম্মদ আবু ছালেহ

শিক্ষার্থী: মরকারি হুজী মশরিকুল হক
এম. বি. এম. ছাত্র

(মোবাইল: ০১৮২৭-৫০৭০৩০)

এক নজরে রাঙ্গুনিয়া উপজেলার তথ্যাবলী নিম্নে দেখানো হলঃ

ক্রঃ নং	আয়তন	৩৪৭.৭৩ বর্গ কি.মি.	ক্রঃ নং	গীর্জা	০২ টি
১	ইউনিয়ন/উপজেলা	১৫ টি ইউনিয়ন ও ১টি পৌরসভা	২৩	ঈদগাহ	৪৫ টি
২	মৌজা	৭২ টি	২৪	ব্যাংক	১২ টি
৩	গ্রাম	১৫৬ টি	২৫	পোস্ট অফিস	১৬ টি
৪	পরিবার	৫৯৭৮৯ টি	২৬	ক্লাব	৭১ টি
৫	মোট জনসংখ্যা	৪১১৬০৯ জন	২৭	হাট বাজার	১৯ টি
৬	পুরুষ	২০৪৯০৫ জন	২৮	কবর স্থান	৫১৬ টি
৭	মহিলা	২০৬৭০৪ জন	২৯	শ্মশান ঘাট	১৭০ টি
৮	শিক্ষা প্রতিষ্ঠান	২১২ টি	৩০	মুরগীর খামার	২৭টি
৯	সরকারী প্রাথমিক বিদ্যালয়	১৪৬ টি	৩১	এনজিও	২৬ টি
১০	রেজিঃ প্রাথমিক বিদ্যালয়	৩ টি	৩২	গভীর নলকূপ	১৭০০ টি
১১	মাধ্যমিক বিদ্যালয়	৪২ টি	৩৩	অগভীর নলকূপ	৬১৫১টি
১২	কলেজ	০৯ টি	৩৪	ইঞ্জিন চালিত	২১০ টি
১৩	মাদ্রাসা, দাখিল, ফাজিল, এবতেদায়ী	২২ টি	৩৫	নদী	২ টি (৩০ কি:মি)
১৪	স্বাস্থ্য সেবা কেন্দ্র	৪৩ টি	৩৬	খাল	৪৭ টি
১৫	কিন্ডার গার্ডেন স্কুল	৭০ টি	৩৭	বিল	নেই
১৬	শিক্ষার হার	৫৪.০৩%	৩৮	হাওড়	নেই
১৭	কমিউনিটি ক্লিনিক	৩২ টি	৩৯	পুকুর	৩৬১৭ টি
১৮	বীধ	৮ টি (বেরি বীধ)	৪০	মোট পায়খানা	৩৮৭১৬ টি
১৯	সুইচ গেইট	১৫ টি	৪১	কাঁচা রাস্তা	৫৭৪ কি.মি.
২০	ব্রীজ	৭৭ টি	৪২	পাকা রাস্তা	১৬৯ কি.মি.
২১	মসজিদ	৪৩৬ টি	৪৩	এইচবিবি রাস্তা	৩২৯
২২	কালভার্ট	৩৭০ টি	৪৪	খেলার মাঠ	৪১ টি

Source: Rangunia Upazila Disaster Management Plan, CDMP

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to our discussion on the above, I do hereby join today, the January 01, 2015 as **Team Leader**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Dr. M. Maksudur Rahman)

Copy to:

1. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
2. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **GIS Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Lutfor Rahman)

Copy to:

3. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
4. Team Leader, Preparation of Development for Package-5,
5. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

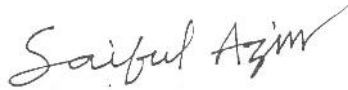
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Photogrammetric Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Saiful Azim)

Copy to:

6. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
7. Team Leader, Preparation of Development for Package-5,
8. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

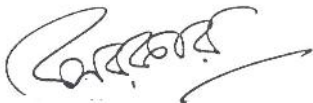
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Survey Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(S.S. Biddya Baron Sarker)

Copy to:

9. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
10. Team Leader, Preparation of Development for Package-5,
11. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Urban Planner**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(S.M. Abdullah Al-Masum)

Copy to:

12. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
13. Team Leader, Preparation of Development for Package-5,
14. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

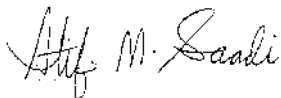
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Transport Planning Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Atif Maswood M. Saadi, P.E.)

Copy to:

15. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
16. Team Leader, Preparation of Development for Package-5,
17. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Civil Engineer-cum-Hydrologist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(D S Adibul Abedin)

Copy to:

18. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
19. Team Leader, Preparation of Development for Package-5,
20. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Social Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Sadequul Islam)

Copy to:

21. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
22. Team Leader, Preparation of Development for Package-5,
23. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Urban Economist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Abdus Salam)

Copy to:

24. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
25. Team Leader, Preparation of Development for Package-5,
26. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Agriculture Scientist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Didarul Islam)

Copy to:

27. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
28. Team Leader, Preparation of Development for Package-5,
29. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

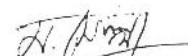
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Geological Survey Technician**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,


(Masud Molla)

Copy to:

1. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
2. Team Leader, Preparation of Development for Package-5,
3. Managing Director, dm.Watch.

বিষদ অঞ্চল পরিকল্পনা (Action Area Plan)

প্যাকেজের সর্বশেষ স্তর হচ্ছে বিষদ অঞ্চল পরিকল্পনা বা এ্যাকশন এরিয়া প্ল্যান যা ৫ বছর মেয়াদের জন্য করা হয়। অঞ্চল পরিকল্পনা থেকে অধিকারমূলক প্রকল্পসমূহকে বাস্তবায়নের জন্য নির্দিষ্ট ক্ষুদ্র এলাকাভিত্তিক ৫ বছর মেয়াদী এ্যাকশন প্ল্যান তৈরী করা হয়। এই উন্নয়ন পরিকল্পনায় নির্ধারিত ভূমি ব্যবহার অনুযায়ী সড়ক, আবাসিক/বাণিজ্যিক এলাকা, পার্ক, খেলার মাঠ, বাজার ও অন্যান্য সুযোগ সুবিধাদি, কৃষি এলাকা প্রভৃতি বিস্তারিতভাবে প্রদর্শিত থাকবে।

উন্নয়ন পরিকল্পনা প্রণয়নে কাজের ধাপ

১. প্রকল্প এলাকা সরেজমিনে পরিদর্শন ও পর্যবেক্ষণ।
২. প্রকল্প এলাকার মৌজা ও অন্যান্য মানচিত্র, সাধারণ পরিসংখ্যান ও তথ্যাদি সংগ্রহ।
৩. ডিজিটাল ম্যাপ প্রস্তুতকরণ এবং সীমানা নির্ধারণ।
৪. স্যাটেলাইট ইমেজ সংগ্রহ ও ফটোগ্রামেট্রিক পদ্ধতিতে প্রক্রিয়াকরণ।
৫. প্রকল্প এলাকায় বিভিন্ন প্রকার জরিপ (ভূমি বন্ধুরতা জরিপ, ভৌত অবকাঠামো জরিপ, ভূমি ব্যবহার জরিপ, আর্থ-সামাজিক জরিপ, যানবাহন সমীক্ষা, জল-ভূতত্ত্ব, কৃষি, পরিবেশ ও দুর্যোগ ব্যবস্থাপনা জরিপ ইত্যাদি)।
৬. সংগ্রহকৃত তথ্য উপাত্ত ও জনগণের মতামতের ভিত্তিতে প্রকল্প এলাকার সমস্যা চিহ্নিতকরণ ও বিশ্লেষণ।
৭. পরিকল্পনার মানদণ্ড নির্ধারণ ও প্রক্ষেপণ।
৮. প্রকল্প এলাকার খসড়া উন্নয়ন পরিকল্পনা প্রণয়ন ও নীতিমালা তথা উন্নয়ন পরিকল্পনা প্রস্তুতকরণ।
৯. গণশুনানী আয়োজন ও প্রয়োজনীয় সংযোজন, বিয়োজন, সংশোধন।
১০. প্রকল্প এলাকার চূড়ান্ত উন্নয়ন পরিকল্পনা প্রণয়ন।
১১. প্রণীত উন্নয়ন পরিকল্পনা অনুমোদন ও গেজেট নোটিফিকেশন।

রাঙ্গুনিয়া উপজেলা

চট্টগ্রাম জেলার রাঙ্গুনিয়া উপজেলাটির উত্তরে কাউখালি, দক্ষিণে চন্দনাইশ ও বান্দরবন সদর উপজেলা, পূর্বে কাপ্তাই, রাজস্থলী উপজেলা এবং পশ্চিমে রাউজান ও বোয়ালখালী উপজেলা। চট্টগ্রাম জেলা সদর হতে উপজেলাটি উত্তরদিকে প্রায় ৪০ কিলোমিটার দূরত্বে অবস্থিত।

এ উপজেলাটির আয়তন ৩৬১.৫৪ বঃ কিঃ। উপজেলার ১৫ টি ইউনিয়ন, ১টি পৌরসভা, সর্বমোট ১৫৬ টি গ্রাম ও ৭২ টি মৌজা নিয়ে এ উপজেলাটি গঠিত। মোট জনসংখ্যা ৪১১,৬০৯ জন। যার মধ্যে পুরুষ ২০৪,৯০৫ জন, মহিলা ২০৬,৭০৪। শিশু ১০৬,৪৯৫ জন, বৃদ্ধ ২১,৯০৬ জন, প্রতিবন্ধী ৪৬০৫ জন। এখানে মোট পরিবার রয়েছে ৫৯,৭৮৯টি এবং ভোটার সংখ্যা ১৯৫,০৩৯ জন। স্থল পথ হিসেবে সর্বমোট ১০৭২ কিঃমিঃ রাস্তা আছে। যার মধ্যে কাঁচা রাস্তা ৫৭৪ কিঃমিঃ, আধাপাকা রাস্তা ৩২৯ কিঃমিঃ, পাকা রাস্তা ১৬৯ কিঃমিঃ।



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
গৃহায়ন ও গণপূর্ত মন্ত্রণালয়
নগর উন্নয়ন অধিদপ্তর

“প্রিপারেশন অব ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস” প্রকল্পের আওতায়
রাঙ্গুনিয়া উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন কার্যক্রম পরিচিতি

বাস্তবায়নে
নগর উন্নয়ন অধিদপ্তর
ও

উপজেলা পরিষদ, উপজেলা প্রশাসন, পৌরসভা, ইউনিয়ন পরিষদ

পরামর্শক প্রতিষ্ঠান:



হাউজ অফ কনসালটেন্টস ও
ডিজাস্টার ম্যানেজমেন্ট ওয়াচ

উন্নয়ন পরিকল্পনা তথা দীর্ঘ মেয়াদী ভৌত পরিকল্পনা

বাংলাদেশ পৃথিবীর অন্যতম জনঘনত্বপূর্ণ দেশ ২০১১ সালের আদমশুমারী অনুযায়ী যার মোট জনসংখ্যা ১২.৪৪ কোটি, যা বর্তমানে প্রায় ১৬ কোটি ছাড়িয়েছে। দারিদ্রতা, আয়ের সীমিত সুযোগ, প্রাকৃতিক দুর্যোগসহ বেশ কিছু কারণে বাংলাদেশে গ্রাম থেকে মানুষের শহরে স্থানান্তরের হার অত্যন্ত বেশী। এর সাথে উচ্চ জন্মহার যোগ হবার ফলশ্রুতিতে বাংলাদেশ বর্তমানে এশিয়ার দ্রুততম নগরায়ন সংগঠিত দেশগুলোর মধ্যে অন্যতম। যদিও বাংলাদেশে মোট শহর ও নগরের সংখ্যা মাত্র ৫২২টি, তথাপি দেশের নগর জনসংখ্যার বেশিরভাগ অংশ (প্রায় ৬০ ভাগ) বসবাস করে কেবলমাত্র ঢাকাসহ চারটি বড় শহরে। বাকী ৪০ ভাগ বসবাস করে ছোট ও মাঝারী শহরে। ছোট ছোট অনেক শহরের মানুষ অপরিকল্পিত নগরায়নের কারণে বাসস্থান, যোগাযোগ, পরিবেশ, নাগরিক সুবিধা সহ অর্থনৈতিক কর্মকাণ্ডে সুবিধাবঞ্চিত।

প্রয়োজনীয় ও পরিকল্পিত অবকাঠামোর অভাবে বড়, ছোট সকল শহর এবং সংলগ্ন অঞ্চলসহ এমনকি প্রত্যন্ত গ্রামাঞ্চলেও সমস্যা বাড়ছে। কেবল মাত্র পরিকল্পিত উন্নয়নের মাধ্যমে একদিকে যেমন শহর এলাকাকে অর্থনৈতিকভাবে সমৃদ্ধ ও আশেপাশের গ্রামাঞ্চলকে অর্থনৈতিক ও বাণিজ্যিক কেন্দ্রে পরিণত করা ও নান্দনিকভাবে আকর্ষণীয় করে গড়ে তোলা যায়; তেমনি একটি অঞ্চল যেমন সমগ্র উপজেলাকে পরিকল্পনার আওতায় এনে সকল মানুষের বসবাস, কৃষি, যাতায়াত ব্যবস্থা, প্রাকৃতিক সম্পদের দীর্ঘমেয়াদী সংরক্ষণ ও ব্যবহার নিশ্চিত করা সম্ভব হয়।

উপজেলা পর্যায়ে যে স্থানীয় সরকার কর্তৃপক্ষ রয়েছে (পৌরসভা/সিটি কর্পোরেশন/উপজেলা পরিষদ/ইউনিয়ন পরিষদ) আইন অনুযায়ী সংশ্লিষ্ট কর্তৃপক্ষের অধিভুক্ত এলাকার উন্নয়ন পরিকল্পনা প্রণয়নের দায়িত্ব মূলতঃ তাদেরই। কিন্তু বাংলাদেশে এসকল স্থানীয় সরকার কর্তৃপক্ষের প্রয়োজনীয় লোকবলের অভাব, প্রযুক্তি ব্যবহারের সীমাবদ্ধতা, অর্থের স্বল্পতাসহ বিভিন্ন কারণে পরিকল্পনা প্রণয়নের মত জটিল কাজটি তারা এখানে হাতে নিতে পারছে না। এমতাবস্থায় বাংলাদেশ সরকারের আর্থিক সহায়তায় নগর উন্নয়ন অধিদপ্তর ১৪-টি উপজেলার মহাপরিকল্পনা প্রণয়নের প্রক্রিয়া শুরু করেছে যার মধ্যে চট্টগ্রাম জেলার রাঙ্গুনিয়া উপজেলা অন্যতম।

উন্নয়ন পরিকল্পনার উদ্দেশ্য

উন্নয়ন পরিকল্পনার উদ্দেশ্যসমূহ নিম্নরূপ:

- ০ পরিকল্পনার মাধ্যমে উপজেলার উন্নয়নে গুণগত পরিবর্তন আনয়ন করা যেন ঐ এলাকায় বসবাসকারী জনগণের জীবন মানের উন্নয়ন ত্বরান্বিত হয়;
- ০ উপজেলা পরিকল্পনার মাধ্যমে সরকারী ও বেসরকারী খাতের উন্নয়নে সহায়তা প্রদান করা;
- ০ জনগণের চাহিদা মোতাবেক তাদের অংশগ্রহণমূলক প্রক্রিয়ার মাধ্যমে বহুমুখী বিনিয়োগ পরিকল্পনা তৈরী করা যেন নগর ও গ্রামবাসীর জীবন মানের উন্নয়ন ঘটে। এসব বিনিয়োগ পরিকল্পনায় উপজেলার অন্তর্গত শহর ও গ্রামাঞ্চলের জলনিষ্কাশন, ভৌত অবকাঠামো নির্মাণ, পরিবহন ও ট্রাফিক ব্যবস্থাপনার বিষয়সমূহ প্রাধান্য পাবে;
- ০ উপজেলা শহরে বেসরকারী বা ব্যক্তিখাত উন্নয়নের জন্য এমন একটি নিয়ন্ত্রণ রূপরেখা (Control Mechanism) তৈরী করা যেখানে ভবিষ্যতে উন্নয়ন নিরাপত্তা ও পরিবেশ সংরক্ষণের সুবিধা থাকবে; এবং
- ০ উপজেলা উন্নয়ন পরিকল্পনায় এমন দিক নির্দেশনা দেয়া যাতে উন্নয়নের ক্ষেত্রে বিরাজমান সুবিধাসমূহের পরিপূর্ণ ব্যবহার করা যায় এবং বাঁধাসমূহ সহজে দূর করা যায়।

উন্নয়ন পরিকল্পনা প্রণয়ন কাজের পরিধি ও পদ্ধতি

কোন উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন হলো বিভিন্ন ধাপের মেধা-শ্রম ও প্রযুক্তিনির্ভর একাধিক প্রকৌশল কর্মযজ্ঞের সমন্বয়। উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন পদ্ধতিকে প্রধানত পাঁচটি পর্বে ভাগ করা যায়।

১ম পর্ব: প্রারম্ভিক কার্যক্রম (ইনসেপশন এ্যাকটিভিটিজ)

২য় পর্ব: বিভিন্ন প্রকার সমীক্ষা (সার্ভে)

৩য় পর্ব: শহরের বর্তমান ভৌত অবস্থা ও অভিক্ষেপ নির্ণয়

৪র্থ পর্ব: উন্নয়ন কৌশল নির্ধারণ ও বিকল্প উন্নয়ন পরিকল্পনা সম্বলিত পরিকল্পনা প্রণয়ন

৫ম পর্ব: গণশুনানি ও সংশোধন, অনুমোদন এবং গেজেট নোটিফিকেশন

৫-স্তর বিশিষ্ট পরিকল্পনা

বিশেষজ্ঞ টীম শহরের যে পরিকল্পনা করবেন তা ৫টি স্তর সন্নিবেশিত হবে। এগুলো হলো:

১. উপ-অঞ্চল পরিকল্পনা (Sub Regional Plan)

২. কাঠামোগত পরিকল্পনা (Structure Plan)

৩. শহর এলাকার পরিকল্পনা (Urban Area Plan)

- ভূমি ব্যবহার পরিকল্পনা (Land Use Plan)
- ড্রেনেজ ও পরিবেশ ব্যবস্থাপনা পরিকল্পনা (Drainage & Environmental Management Plan)
- যানবহন ও যাতায়াত ব্যবস্থাপনা পরিকল্পনা (Transport & Traffic Management Plan)
- দুর্যোগ ব্যবস্থাপনা পরিকল্পনা (Disaster Management Plan)

৪. গ্রামীণ অঞ্চল পরিকল্পনা (Rural Area Plan)

৫. বিষদ অঞ্চল পরিকল্পনা (Action Area Plan)

উপ-অঞ্চল পরিকল্পনা (Sub Regional Plan)

পরিকল্পনার প্রথম স্তর হলো ২০ বছর মেয়াদী সাব রিজিওনাল প্ল্যান বা উপ-অঞ্চল পরিকল্পনা যা জাতীয় নীতি ও নীতিমালার ভিত্তিতে তৈরি হবে এবং এতে বিভিন্ন বিভাগীয় কৌশল অন্তর্ভুক্ত করা হবে।

কাঠামোগত পরিকল্পনা (Structure Plan)

স্ট্রাকচার প্ল্যান বা কাঠামোগত পরিকল্পনা একটি দীর্ঘমেয়াদী নীতিনির্ধারণী পরিকল্পনা যেখানে উপজেলার বিদ্যমান শহর, গ্রাম ও অন্যান্য অঞ্চলের আগামী ২০ বছরের উন্নয়ন কৌশল বিশেষ করে যোগাযোগ ব্যবস্থা, ভূমির ব্যবহার, আঞ্চলিক উন্নয়ন সমন্বয়, দুর্যোগ ও পরিবেশ সহ অন্যান্য সকল প্রকার ভৌত অবকাঠামো উন্নয়নের কৌশল, পরিকল্পনা ও এ সংক্রান্ত নীতিমালা প্রণয়ন করা হয়।

শহর এলাকার পরিকল্পনা (Urban Area Plan)

শহর এলাকার পরিকল্পনা বা আরবান এরিয়া প্ল্যান করা হয় সাধারণত: ১০ বছর সময়ের জন্য। মৌজা ম্যাপে অঙ্কিত এটি হবে উপজেলার শহরাঞ্চলের জন্য একটি ভূমি ব্যবহার ও উন্নয়ন পরিকল্পনা যা স্ট্রাকচার প্ল্যানে নির্দেশিত এলাকা নিয়ে প্রণীত হবে। এতে স্ট্রাকচার প্ল্যানে নির্দেশিত উন্নয়ন কৌশল ও নীতিমালা বাস্তবায়ন নির্দেশনা এবং সকল প্রকার প্রস্তাবিত ভূমি ব্যবহার নির্দিষ্ট করা থাকবে।

গ্রামীণ অঞ্চল পরিকল্পনা (Rural Area Plan)

গ্রামীণ অঞ্চল পরিকল্পনা বা রুরাল এরিয়া প্ল্যান হবে উপজেলার গ্রামাঞ্চলের জন্য একটি ভূমি ব্যবহার ও উন্নয়ন পরিকল্পনা যা স্ট্রাকচার প্ল্যানে নির্দেশিত এলাকা নিয়ে প্রণীত হবে। এই উন্নয়ন পরিকল্পনায় গ্রামীণ অঞ্চলের নির্ধারিত ভূমি ব্যবহার অনুযায়ী সড়ক, আবাসিক/বাণিজ্যিক এলাকা, পার্ক, খেলার মাঠ, বাজার ও অন্যান্য সুযোগ সুবিধাদি, কৃষি এলাকা প্রভৃতি বিস্তারিতভাবে প্রদর্শিত থাকবে।

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
গৃহায়ন ও গণপূর্ত মন্ত্রণালয়
নগর উন্নয়ন অধিদপ্তর

“প্রিপারেশন অব ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস” প্রকল্পের আওতায়

রাঙ্গুনিয়া উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন কার্যক্রম

বাস্তবায়নে
নগর উন্নয়ন অধিদপ্তর ও
উপজেলা পরিষদ, উপজেলা প্রশাসন, পৌরসভা ও ইউনিয়ন পরিষদ

পরামর্শক প্রতিষ্ঠান: হাউজ অফ কনসালটেন্টস লিমিটেড ও ডিজাস্টার ম্যানেজমেন্ট ওয়াচ

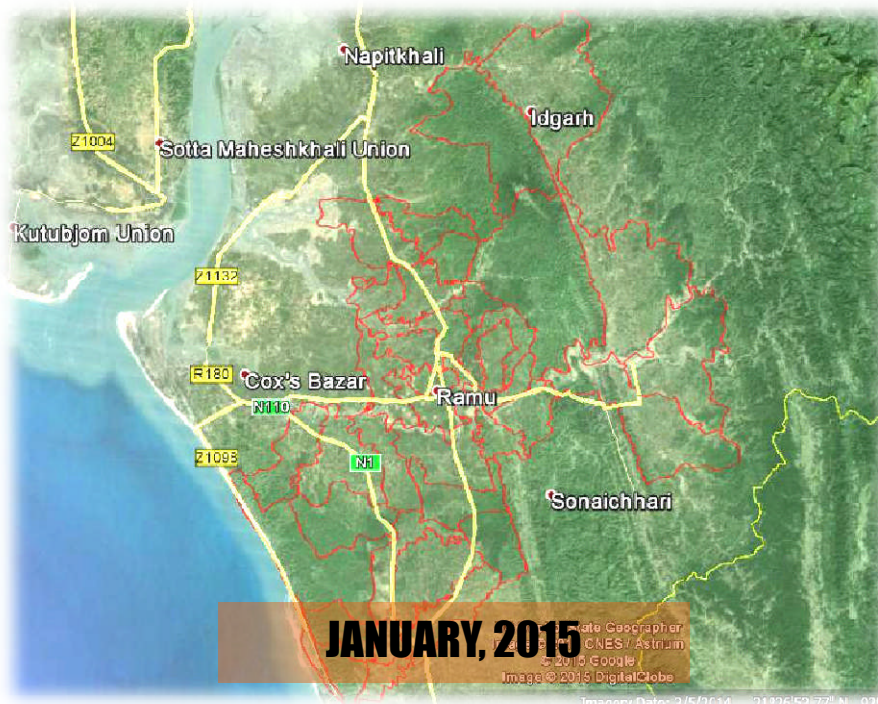


Government of the People's Republic of Bangladesh
Ministry of Housing and Public Works
Urban Development Directorate (UDD)

PREPARATION OF DEVELOPMENT PLAN FOR FOURTEEN UPAZILAS

PART-B: RAMU UPAZILA

MOBILIZATION REPORT



CONSULTANTS



HOUSE OF CONSULTANTS LIMITED (HCL)

In Association with



dm.Watch

DISASTER MANAGEMENT WATCH (dm.Watch)

EXECUTIVE SUMMARY

The “Preparation of Development Plan for Fourteen Upazilas” project is an attempt by the government to streamline the development of small towns of the country under Upazila administration to prepare them accommodate future urban growth and make the Upazila a focal point of development of the Upazila. The aim of the project is to improve infrastructure and services of the Upazila through preparation of time specific plan that will include land use plan, transport plan, drainage and environment plan, disaster management plan. The consultant’s responsibilities will be to prepare a Development Plan package that will include Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan as per TOR of the project. The JV of consulting firms HCL and dm.Watch has been awarded to do such development plan for Rangunia Upazila, Chittagong under the package-05 of the above mentioned upazila project.

Ramu is an Upazila of Cox’s Bazar District that received the status of Upazila in 1983. Having an area of about 391.71 Sq.km the Upazila accommodates approximately 265,640 populations according to 2001 population census. The Upazila comprises 11 Unions, 35 Mouzas, 99 Wards and 402 Villages. It has 66 km pucca road, 114 km semi-pucca road, 512 km mud road. Literacy rate is 38.84% (2001). It has all upazila level offices and establishments though poor road network and waste management and lack of educational facilities and economic activities have been found as the major problems of the Upazila.

The current project is a planning effort of Ministry of Housing and Public Works through Urban Development directorate (UDD) to uplifting the living standard of the upazila mass people. The main objective of upgrading the living standard is to income generation through different economic activities and employment opportunities. If upazila Development Plan is implemented it will create congenial environment for new investment through development of basic infrastructure and services through participatory planning. The aim is also to devise a control mechanism for sustainability of the infrastructure and environmental development.

Under the preparation of development plan project the consultants has accomplished the initial consultation seminar/meeting with the stakeholders (e.g. local people, administration) in Ramu Upazila. It has done preliminary data collection through reconnaissance survey, continuing the effort for mouza map collection of Ramu Upazila. In the mean time the planning team has been mobilized and a number of support staff has been appointed to assist the consulting team and steps have been taken to set up a site office in Ramu Upazila.

MOBILIZATION REPORT

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LIST OF ABBREVIATIONS AND ACRONYMS

AAP	Action Area Plan
BBS	Bangladesh Bureau of Statistics
CDMP	Comprehensive Disaster Management Programme
CEO	Chief Executive Officer
CUET	Chittagong University of Engineering and Technology
GO	Government Organization
GOB	Government of Bangladesh
GIS	Geographic information system
LGED	Local Government and Engineering Department
NGO	Non Government Organization
TMC	Technical Management Committee
TOR	Terms of Reference
UCB	United Commercial Bank
UDD	Urban Development Directorate
UNO	Upazila Nirbahi Officer

PART-B
RAMU UPAZILA

CHAPTER-01: BACKGROUND

CHAPTER-01 : BACKGROUND

1.1 Background of the Project

Bangladesh is the most densely populated country in the world having a total population of about 124.36 million as per the last Population Census 2001 with an average increase of around 1.7 million per year during the decade between 1991 and 2001. Of the total population, about 89.56 million live in the rural area and 34.82 million in the urban areas with the respective share of about 72 percent and 28 percent of the total population. The population distribution, rural to urban, is highly skewed. The average annual growth rate of the rural population declined in the last decade stood at around 1.0 percent as against about 1.48 percent of national rate. However, the growth rate in the urban area is quite high at about 3.27 percent. The reason attributed to, among others, high migration of population from rural to urban area. The rapid increase of migration of rural population to urban is largely from the segment lying below the poverty lines who seek better opportunities of income earning in urban area. As per Population Census 2011 total population of Bangladesh is 142.3 million with annual growth rate of about 1.357% over the period 2001 to 2011. But many institutions raised question about its degree of precision and expecting the figure around 150 million. The present trend of population increase indicates that by 2020 about 40% of the total population of Bangladesh will live in urban areas.

The present trend of population increase indicates that by 2020 about 40% of the total population of Bangladesh will live in urban areas. According to a recent survey it was revealed that 45% of urban populations have access to potable water while have limited access to sewerage facilities. In addition inefficient transport management greatly contributes to the problems in traffic and transportation system. These aspects not only influence our urban life but also arrest the national economic growth of the country. On the other hand, demand for urban service facilities has increased substantially because of the population explosion in urban areas.

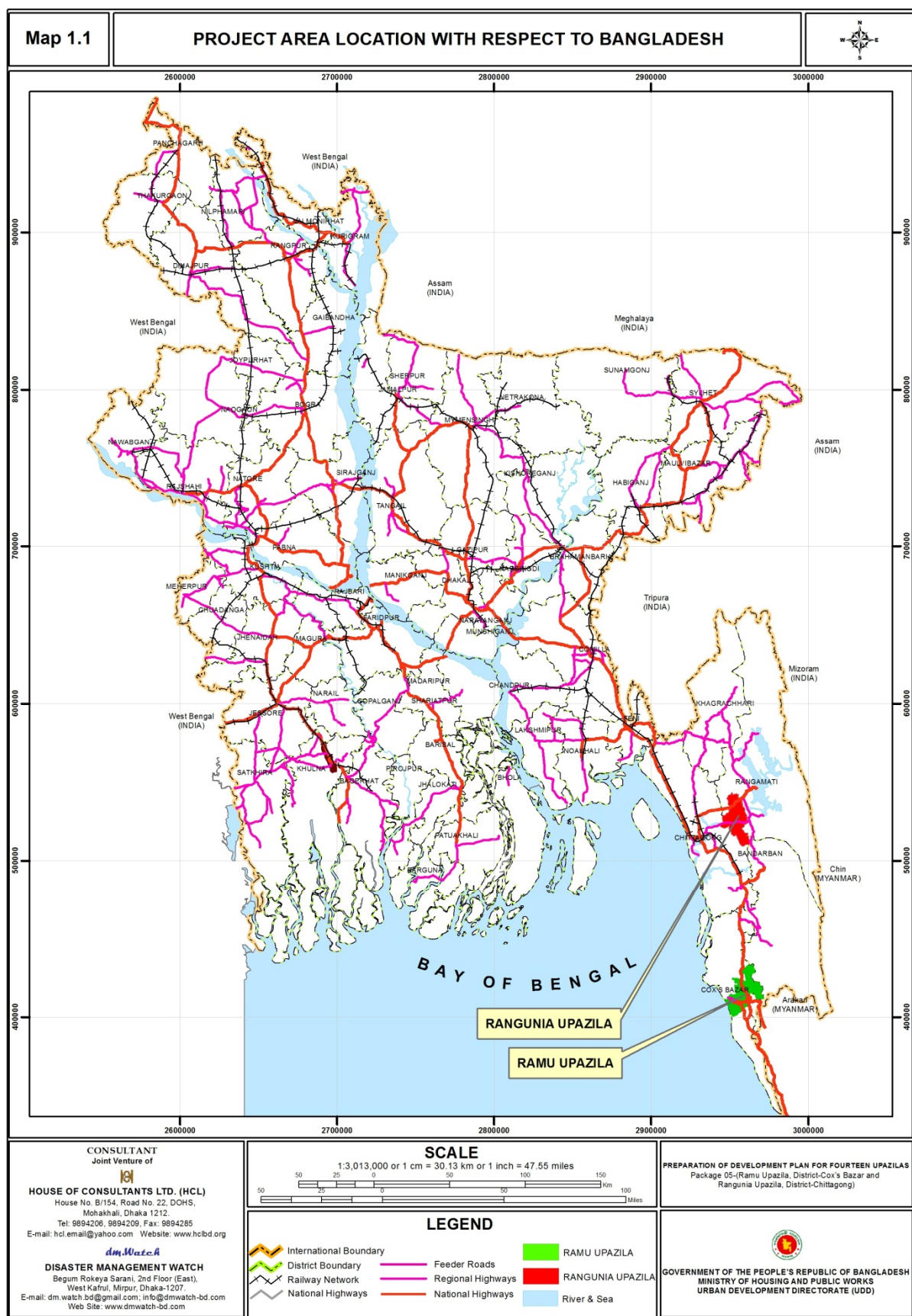
Ramu and Rangunia Upazila are located in the coastal area of Bangladesh and have very much potential for tourism development activities, its investment and economic importance will increase rapidly and developing in an unplanned way without necessary infrastructures and service facilities **(See Map 2.1: Project Area Location With Respect of Bangladesh)**. To control, guide and monitor the development activities the planned growth a four tiers Master Plan e.g. Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan are of utmost importance. Size of the towns started growing with the increasing population. Main cause of population growth was migration of rural people attracted by the enhanced scope of employments in the urban area. Development control is essential for the areas. The Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan would serve the development directorate yet to be established to carry its town planning activities to prevent misuse of urban land and to enforce optimum use of land in a land hungry country like Bangladesh. The government would play as an enabler rather than facilitator for infrastructure, utility and urban services.

Master plans prepared for the Zila and District Town, City Corporations, Paurashavas by Urban Development Directorate (UDD) during the 80s have also become obsolete due to the passage of time. In order to cope with the population surge in these towns, it has become almost imperative to update the existing Master Plans. The Drainage & environmental Master Plan will also be prepared to maintain the drainage system, while a Traffic Management Master plan would be required to provide planned traffic movement of the Urban Area. Rural Area Plan will ensure the development of rural areas within the project area. Disaster Management Plan within the urban area will reduce the

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vulnerability from natural and manmade hazards/disasters. The Action Area Plan will also be updated in order to keep track of the land use of the Areas.

At present the main and secondary drains and natural streams in the town do not function as an integrated drainage system due partly to silting up and damage to the canal walls and other structures, but mainly due to their unplanned and deficient construction and lack of maintenance. The condition of many of the natural and manmade ponds in the Urban Area is deteriorating rapidly and many have become polluted. Encroachment on drainage reservations causes inundation to many areas, including houses and roads, during heavy storms. The roadside drains are inadequate & to some extent with insufficient capacities and incorrect gradients. Therefore, this area requires the preparation of a storm water drainage master plan, which will prioritize the worst affected areas and prepare detailed designs for the first stage of the implementation.

Traffic and transportation problems in urban areas in Bangladesh have been continuously increasing as the development and management of road network has not been commensurate with the increasing demand for its usage. Traffic congestion, delay, accidents, pedestrian and parking difficulties, air and noise pollution are among the problems traffic congestion is one of the most important and critical problems now being identified in the urban areas. The situation has been steadily deteriorating over time, over large areas and for longer periods of the day. It is, therefore, high time to examine the options to alleviate this chronic problem and take safety measure to improve traffic conditions, reduce congestion and delay, ease traffic flow, improve safety and reduce noise and air pollution.

The project is proposed to conduct feasibility study to prepare four tiers Development Plan through Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan with the assistance of the Government in order to assess infrastructure and other civic facilities, undertake plan and investment in accordance with the demand of the population, ensure operation and maintenance of the existing infrastructure along with those facilities proposed to be built up under the future investment programme and, above all, to suggest improvement of the management ability of the Upazila Area so that their revenue earning capability is enhanced with a view to building up the Authority as self sustaining local government institutions. The project will also suggest construction of roads and bridges/culverts, drainage facilities, markets, bus terminal, solid waste management, sanitation and other such infrastructure facilities. Towards this end a Development Plan package will be formulated for Ramu and Rangunia Upazila, keeping in view the need over a time span of 20 years. In addition, formulation of programme related to institutional development of the concerned local government institutions and motivation of the population.

1.2 Objectives of the Project**A. National Development Objectives**

To find out development issues and potential of the upazila and make a 20 years development vision for the upazila (both urban and rural area) and prepare a Master Plan in line with the vision for the development;

Prepare plan for the people of the town to develop and update provisions for better transport network, housing, infrastructures for roads, markets, bus terminals, sanitation, water supply, drainage, solid waste management, electricity, education, leisure and such other infrastructure facilities for meeting the social and community needs of the poor and the disadvantaged groups for better quality of life and at the same time ensure the development of rural area within the project area;

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1. Prepare a multi-sector short and long term investment plan through participatory process for better living standards by identifying area based priority-drainage master plan, transportation and traffic management plan, other specific plan need as per requirement in accordance with the principle of sustainability;
2. Provide controls for private sector development, clarity and security with regard to future development;
3. Provide guide line for development considering the opportunity and constrains of future development of Upazilla Town; and Rural area.
4. Prepare 20 years Development Plan to be used as a tool to ensure and promote growth of the city in line with the guiding principles of the Master Plan and control any unplanned growth by any private and public organization.
5. Facilitating the Urban Growth to protect the valuable farmland and at the same time provide space and facilities for non-agricultural activities.
6. Provision of standards for use by public bodies.
7. Supporting the livelihood of the inhabitants of Ranu and Rangunia Upazila.
8. Protecting the Eco-system with the understanding that we are a component of the system rather than the consumer of the system.
9. Discouraging the involuntary displacement of the inhabitants in the name of development.
10. Control of undesired development in all areas for which plans have been prepared.

B. Immediate Objectives

Following immediate objectives should have to be performed by the consultants for achieving the National Development Objectives:

Objective 1: Determination of Present and Future Function of the Upazila

Preparation of Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan (AAP) are to be based on land use survey, topographical survey, environmental, disasters/hazards and agricultur studies. The major studies relating to Traffic & Transportation, Drainage & Environmental, Formal and Informal Economic Studies, Slums and Squatters, Unauthorized Encroachment, Recreational Facilities and Stakeholders Participation for planning and development control.

Objective 2: Mechanism for Improving and Guiding Development

The mechanisms for improving and guiding development are:

- Preparation of five tier Development Plan namely: Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan.
- Development of mechanism for stakeholders, especially communities, control over all development initiatives.
- Preparation of a set of Institutional and Legislative Restructuring Proposals.

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- Selection of appropriate standards and guidelines for improving present conditions and guiding future development.

Objective 3: Review of Existing Problems and Propose initiatives

Review of existing problems and proposed initiatives are as stated below

- Detailed analysis of problems presently hampering development, which can be eliminated by action in the short term.
- Development of sectoral programs to alleviate poverty problems
- Prepare a minimum number of action area plans for early area development or area upgrading of parts of the town that exhibits a representative cross section of development problems.
- Undertake initiative at town level to promote sustainable economic activity by formal private sector and individuals, groups, GOB and NGOs.

Objective 4: Formulation of Bankable Projects

The factors for formulation of bankable projects areas mentioned below:

- To determine methodology for identifying Multi-sectoral Investment Projects (MSIP) with their major priorities.
- Prepare a multi-sector investment plan through participatory process for better living standards by identifying areas based priority-Drainage Master Plan, Transportation and Traffic Management Plan and other specific plan as per requirement.
- Providing controls for private sector development and clarity and security with regard to future development for inhabitants and investors. The targeted objective and guideline of the development projects would be to initiate and implement through participation.
- To identify a range of projects suitable in both sectoral and spatial terms.
- To develop a package for the priority to a level suitable for financial appraisal.

Objective 5: Increasing Capacity/formulation of Local Authorities for Urban and Rural Management and Development

The factors to be considered in regard to increasing the capacity/formulation of local authorities for urban management and development are:

- To prepare a detailed analysis of the past budgets, their expenditure, liabilities and sources of funds of Pourashava, Upazila Prishad and Union Parishad.
- Providing Land use maps and information at Mouza dag level (parcel) as a professional manner for efficient updating, exchange, dissemination and decision support use.

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- To prepare practical and detail proposal for increasing the income of the local authorities with reference to any forthcoming donors proposal to assist financial management and paying particular attention to the possibilities of increasing revenue from existing and proposed development activities.
- Providing guideline for development considering the Opportunity and Constraints of future development. Moreover for the betterment of the community, action would be taken through government, public private partnership, private and non-government initiatives as indicated in AAP.
- To prepare proposal for rationalizing the roles and divisions of responsibilities between Upazila and other development agencies.
- To prepare priority list of projects which can be funded from local resources and examine any new forms of funding for such developments.
- To assist Upazila, Pourashava and Union in drawing up schemes within the framework of Strategic Plan and Action Plans for inclusion in Development Programs.
- To strengthen the technical capabilities of local authorities involved in urban management and development.
- Providing Planned Development to ensure Sustainable Environment Action Area Plan (AAP) should be undertaken with the cooperation of other development agencies. So all the agencies should cooperate, coordinate and participate in the process of preparation of Master Plan for proper planning and development. The Plan would be the guiding document for implementation by all concern. GIS based data; map and information would be the resource which could be easily updated and when necessary.

1.3 Understanding of the Scope of Services

The scope of Consultancy Services encompasses for Preparation of four tiers Development Plan (five key plans) for Ramu and Rangunia Upazila, which includes Sub Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan and Action Area Plan. The study will cover surveys of physical features and preparation of Land use Plan, Traffic and Transportation Management Plan, Drainage and Environmental Plan and Action Plans for the project area.

Considering the above scope of services and to prepare an efficient Development Plan for Ramu and Rangunia Upazila, the specific tasks to be performed by the consultant in realization of the scope of services as spelled out in the TOR are given below in brief:

- Determination of study area (approximately 750 sq. km) based on suitable physical boundary.
- Explanation of the plan (report) indicating population, density, livelihood and its future plan.
- Collection of socio-economic and demographic information and data both from primary and secondary sources in the study context to forecast future population, requirement of different services, physical and social infrastructure facilities, employment generation.

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-
- Identify the exiting natural and man-made drains in the town and investigating the mechanisms of the drainage and local river system to assess the extent and frequency of flood damage and determine areas where flooding or poor drainage is most severe.
 - Preparing a conceptual report on the various alternative solutions to the present storm water problems and selecting the most appropriate and economical alternatives.
 - Prepare a Development Plan of the storm water drainage & sewerage system treatment plant for all areas in the town, which will include discharge calculations for the catchment areas, design of main and secondary drains/sewerage including their sizes, types and gradients and retention areas with preliminary cost estimates for the proposed drainage/sewerage system.
 - Prepare a conceptual plan to show the phase-wise implementation schedule in an affordable and practical manner considering the technical, environment, institutional, economic and social feasibility of the proposed works.
 - Proposal for preparation of hydraulic and structural designs for the priority areas of the study area and preparing a first phase implementation program.
 - Study of the existing drainage maintenance procedures and budgets, if any including solid waste collection and design and estimate costs for a planned maintenance system to ensure that the drains are kept free from blockages and physical damage.
 - Recommend planning, institutional and legal mechanisms to ensure provision of adequate land for rights of way for storm water drainage, which will also determine illegal encroachments.
 - Investigate methods to find the other phases of the storm water drainages & Sewerage master plan.
 - Assess additional data requirements, critical additional data, not currently available should be collected through reconnaissance and traffic surveys which should estimate present traffic volume and forecast the future traffic growth and identify travel patterns, areas of traffic, conflicts and their underlying causes.
 - Study the viability of different solutions and develop a practical short term traffic management scheme of implementation, including one way systems, restricted access for large vehicles, improved signal system traffic islands, roundabout, pedestrian crossings, deceleration lanes for turning traffic, suitable turning radius, parking policies and separation of pedestrians and rickshaws.
 - Assess the current land use with regard to transportation, bus and truck terminals, stations, railway stations etc. and recommend actions to optimize this land use.
 - Assess existing plot information.
 - Prepare a Long Term traffic and Transportation Plan.
 - The Development Plan shall assess major investments and activities of the various development agencies/Ministries and indicate the stages of development preferably through 5 year programming approach. Consultants shall be making to liaison with all government and

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semi-government and other agencies concerned with their development at the Study area. Contract should also be made with the headquarters of such agencies and full details of such plans should be referenced in the plan.

- Survey and evaluate Land Capabilities considering factors such as flood basin, topography, fertility etc.
- The Development/Master Plan Package shall indicate/outline possible frameworks/strategy for management and development control, institutional arrangement ensuring people's participation etc. for effective implementation of the plan.
- Development of Proposal of By-laws for Land Development, Real Estate Development. Urban Plan Development control and Natural Resources/Green belt and places of historical interest.
- In line with the Master Plan, propose a Detailed Area Plan with a list of priority schemes for the development of roads, drains, traffic management and other social infrastructure for implementation during the first five years of plan period.
- Facilitate City Authority, Union Parishad about the publicity of Development Plan, its preparation strategy, function and their role through making, leaflet, newspapers, cable line, FGD etc.
- Allocating zones for as high, middle and low density areas.
- Guidelines for control/promote industries at different locations according to their nature such as heavy industrial, light industrial and service industries including waste disposal / treatment plants.
- Guidelines for controlling/guiding location of commercial use.
- To identify the areas reserved for agriculture, flood flow, public / private open spaces, parks, play grounds, play-lots and other recreational uses like green belts, retention pond, water bodies, water front, natural reservoirs, historical monuments.
- Action Area Plan will cover all related issues to bring about expected result.
- Allocating the zones where public utilities, institutions and civic services will be established. Moreover zones of urban deferred areas, for future development expanded areas and areas for new development have to be considered.
- To ensure planning principles/standards, gross/net densities, guideline for future development and development control.
- To exercise control over architectural features, elevations, frontage of buildings and structures including zoning regulations to regulate locations, preservation of heritage, and type of buildings within each zone.
- Earthquake hazard, vulnerability, risk and loss assessment for project area.
- Development of scenario based spatial earthquake contingency plan for project area.

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- Prepare and submit Development Plan and Report with required standards as specified in the TOR.

1.4 Objectives of Mobilization Report

As per contract agreement the consultants shall have to be submitted six reports within 21 month from the date of signing of the project. The mobilization report is the first report and as per contract agreement. The main objectives of the mobilization activities under his project are as follows:

- To deploy of key personnel and supporting staff for the project.
- To conduct reconnaissance survey of the study area.
- To initiate the collection of maps and other secondary materials.

1.5 Scope of Mobilization Report

The scope of mobilization activities under the project will include- Contract signing and deployment of all consultants and supporting staff as per project manning schedule; Establishment of Project Coordination Office (PCO) at Dhaka and Project site office at Ramu and Rangunia; Conducting reconnaissance survey and consultation meeting at the study area; and start collection of *Mauza* maps and other relevant maps, reports, books and other secondary materials on the project area.

CHAPTER-02: THE PROJECT AREA PROFILE

CHAPTER-02

THE PROJECT AREA PROFILE

2.1 Introduction

The current chapter describes the basic information about Ramu Upazila. The information presents in this chapter has been collected directly from the field as well as from many other secondary sources including National Population Census Reports of BBS.

2.2 Brief Description of the Project Area

Cox's Bazaar is home to the longest beach in the world is situated at the southernmost point of Bangladesh. It's a beautiful district, surrounded by scenic views of mountains and the sea. The district is comprised of 8 upazilas; Ramu is one of these upazilas. This upazila of Cox's Bazar is oldest human habitation and once it was a center place for king of the Arakan and Mog. Ramu lies 15 kilometers to the northeast of Cox's Bazaar District Sadar. Endless natural beauty, ancient Buddha antique, Ashoka temple/shrine, tunnel of king Kana, high bank and other natural resources as well as the multifarious/variety/diversity livelihood of indigenous people are remarkable/prominent of this upazila. Ramu is comprised of 11 unions. The mountain, river, canal, and channel enriched this upazila.

2.2.1 Location and Geography

Ramu Upazila with an area 391.71 sq km, located in between 21°17' and 21°36' north latitudes and in between 92°00' and 92°15' east longitudes. It is bounded by Chakaria and Cox's Bazar Sadar upazilas on the north, Naikhongchhari and Ukhia upazilas on the south, Naikhongchhari upazila on the east, Cox's Bazar Sadar and the Bay of Bengal on the west. **(See Map 2.1: Map of Ramu Upazila)**

2.2.2 History of the Upazila

Tradition goes that Ramu was named after the royal Ramu dynasty of Arakan. At the time of the conquest of Chittagong by the Mughals (1666) a thirteen feet high bronze image of Buddha was found at Ramu. This is the biggest of the Buddha images hitherto discovered in Bangladesh. It is said that Ramachandra met Sita at Ramkot after her abduction by Ravana and that the stone-grinder used by Sita had once been preserved at Ramkot. Ramu Thana was formed in 1908 and it was turned into an upazila in 1983. Different communities live in this area like- Muslim, Buddhist, Hindu & Rakliain and the relationship between them is very good.



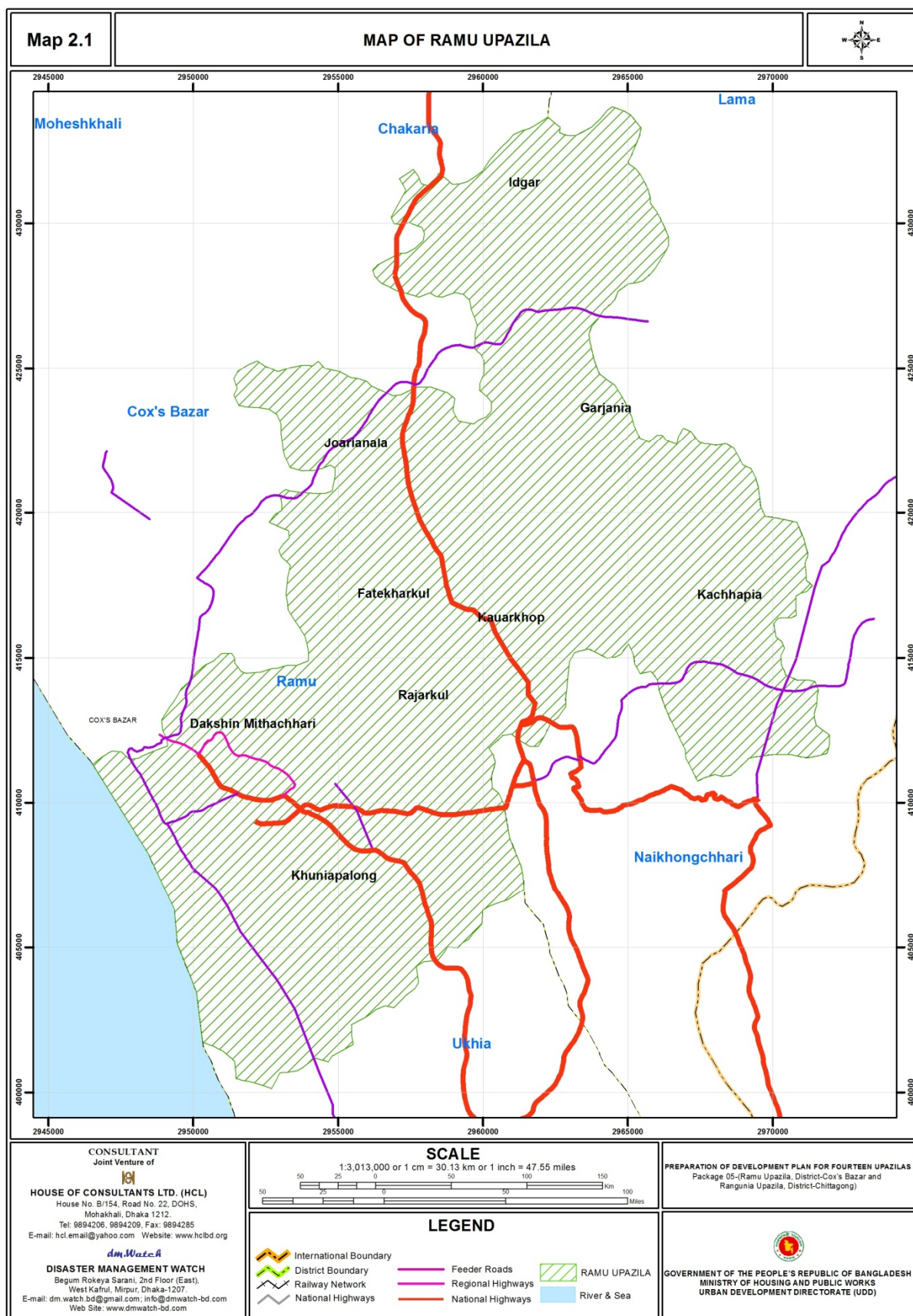
Photograph 2.1: Heritage Sites of Ramu Upazila

(Source: Reconnaissance Survey)

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2.2.3 Administrative and Cadastral Boundaries

The area of Ramu upazilais 238.39 square kilometers, it is comprised of 11 Unions, 35 moujas, 99 wards and 402 villages. The information of union based mouja and village are given below:

Table 2.1: Union based Mouzas and Villages of Ramu Upazila

Name of Unions	Name of Villages(Ward No)	Village based Administrative Units
Idgar Total number of villages: 28	Camper Chor, Kuddus Miar Zum, Dhumchakata, West Para(Ward No. 1), West Hasna Kata, East Hasna Kata, Noapara(WardNo.2),Maiz Para, Bodormokam, Guinna Para, Chor Para, (Ward No. 3), Leinga Para, East Razghat (WardNo. 4), North Sharif Para, Kata Jungle, Sikdar Para, Chor Para (Ward No.5),Borobil, Boughat,Alikhkhong, Chengchori (Ward No.6), Tutharbil, Panisaghona, Zalaler Zum (Ward No.7) , Konar Para , Kodalia Kata, Chogirakata (Ward No.8), Boiddopara (Ward No.9)	Zungle Idgar Mouza Idgar Mouza
Cauarkhop Total number of villages: 30	West Monirzhil, Dorga Pahar Para (Ward No.1), Moddhom Monirzhil, South Shonaichori (Ward No.2), East Monirzhil, East Pahar Para (Ward No.3) , Villager Para, Moishkum, Cauarkhop Dail Para, Cauarkhop Middle Para (Ward No.5),WestPara, Chorpara, Fulnirchor (WardNo.6),Gachua Para, Borua Para, Lord Ukhiarghana, Khengchorghona, Fulnirchor(Ward No.7), Tilapara, Schoolpara, West Goniakata, Showdagor Para,Dikkul Para (Ward No.8), Lamar Para,Fakir Para, Godamcata, Goniacata, Miazir Para (Ward No.9)	Monirzhil Mouza Shonaichori Mouza Moishkum Mouza Kauarkhop Mouza Lord Ukhiarghana Mouza Ukhiarghana Mouza
Khuniapalong Total number of villages: 47	West Dariardighi, East Dariardighi, South Dariardighi, Thoanggacata, Guttaguinna (Ward No.1),Kaluarghona, Headman Para,Kechubnia, Tongardeba, Kalar Para, Tulabagan (Ward No.2), NorthKhuniapalong, Middle Khuniapalong, South Khuniapalong, Zokriakata (Ward No.3), Abul Bondor, Zumkata, Hospital Para, North Para, Middle Para, Sikdar Para, Chorpara, Telkhola , Madrasa Para, Hakimali Baper Para(WardNo.4),West Dhechua Palong, North Dhechuapalong, North Chadirkata, South Borua Para(Ward No.5), Dhoapalong Noapara, JungleDhoapalong, Dhoapalong Office Para,DhoapalongRabeta Hospital Para, Dhoapalong East Para, (Ward No.6), Chainda Ghona, East Goalia, South Goalia, Pahar Para (Ward No.7), West Goalia, Kohar Para, Middle Goalia, South Goalia Thoangakata, Jungle Goalia (Ward No.8), South Para, Mangla Para, Korachi Para, Himchori (Ward No.9)	Pachar Dip Mouza Goaliapalong Mouza Dhoapalong Mouza Khuniapalong Mouzaa Dhechuapalong Mouza Dariardighi Mouza
Zoarianala	Chowdhuri Para, Zain Para, Azgorkhil, North	Zoarianala Mouza

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Name of Unions	Name of Villages(Ward No)	Village based Administrative Units
Total number of villages: 40	Mithachori Murapara,North Mithachori(Ward No.1),Borua Para, Hospital Para, Kulal Para, Tea Garden, Tea Garden Murapara(Ward No.2),Nondakhali,Boropara, Nondakhali North Para, Nondakhali Murapara (Ward No.3),Nunachori, West Nunachori, Middle Nunachori Murapara (Ward No.4),East Murapara, Ghonar Para, Sikdar Para,Longer Para, Nathar Para,Gucchogram (Ward No.5), Elisha Para,East Nunachori,East Nunachori,Murapara(Ward No.6), Haldar Para, Sowdagor Para, Moulovi Para, Takepara, Mala Para, Rabar Garden,Zumchori, New Para (Ward No.7) East Zoarianala, East Murapara, Bangdeba (Ward No.8) and Bhorachorarkul,Chorpara, Gorgonia(Ward No.9)	Nonachori Mouza North Mithachori Mouza Nondakhali Mouza
Kocchopia Total number of villages: 47	Ghilatoli, Cocchopia North Para,Cocchia South Para, Cocchia Takepara, Cocchia Murapara, Mogbil (Ward No.1), Dochori Northkul, Lamar Khamar, Dochori Southkul, Golachipa, Dochori Hindupara, East Titar Para (Ward No.2) ,East Titar Para, West Titar Para, New Titar Para (Ward No.3),Boro Zangchori, Balubasha, Gudaikata, Vangadepa, Sukhmonia, Highschool Para (Ward No.4),Zangchori Notun Para, Notun Miazir Para, Chakmarkata, Boro Zangchori,Fakricata, Murapara, Tulatuli (WardNo.5), Dakvhanga,Shibatoli , Shohor Ali Chor , Fakirnir Chor, Tulatoli, Fakrikata Murapara (Ward No.6), Hazir Para, East Hazir Para, Choto Zangchori (Ward No.7),Moulovi Kata Komla Para, Moulovi Kata Bodhu Para,Moulovi Kata Shaira Para, Moulovi Kata Master Para,Moulovi Kata Chairman Para, Boro Zangchori Nodi Ubhoikul(Ward No.8), South Moulovi kata, Miazir Para, Takepara, Zaichori Nodi Poshchimkul(Ward No.9)	Kocchopia Mouza South Kocchopia Mouza
South Mithachori Total number of villages: 49	Mithachori Kacha, Khondokar Para , Ghat Para, Pukur Para, Chorpara, Chainda Chorpara, Napit Para (Ward No.1),West Umkhali , Abdu Salam Miazir Para,Kazir Para,Mo. Hazir Para, Dainga Para (Ward No.2),Azimuddin Para, Abubakkar Baper Para, Goni Sowdagor para, West Dhor Para, Zonu Matobbor Para (Ward No.3),Mokter\ Baper Para, East Dhor Para,Borua Para, Zinur Ghona , Koroillachori (Ward No.4), West Paner Chora ,East Paner Chora, Bolir Para, Shia Para, Zonua Para, Mog/Rakhain Para(Ward No.5), Kala Khondokar Para, Nizer Para,Shomity Para, Tetoia Para, Baria	South Mithachori Mouza Chainda Mouza Umkhali Mouza

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Name of Unions	Name of Villages(Ward No)	Village based Administrative Units
	Para (Ward No.6), Fakiramura , East Chorarkul, Huari Ghona , Asmar Ghona , Chengchori(Ward No.7) , Chainda Khondokar Para, Ghonar Para, Chainda Chorpara,Lar Para(Ward No.8), Kimar Ghona, Pahar Toli , Mombru Chor, Westkul Sador Para, Lombaghona,Muslimabad (Ward No.9)	
Gorzonla Total number of villages: 46	Hazi Para, Lohar Zhiri, Kachir khola, Ziranikhola, North Bil,North Borobil ,South Borobil, West Borobil(Ward No.1), Zumchori,Nozu Matobbor Para , Boroichora, Moinnakata, East Zumchori, West Zumchori, Middle Zumchori(Ward No.2), Thoangerkata, Shiepara, Ghonar Para, Horin Para, South Thoangakata, North Thoangakata (Ward No.3), Thimchori, East Thimchori, North Thimchori ,South Thimchori ,Sha Mohammad Para (Ward No.4), Zauch Para,Fakir Para, Lombashia, Moillakata, Razghat, Edris Nogor ,Lombamura (Ward No.5), Mazhirkata, Borocho, Beltoli , South Mazhirkata (Ward No. 6),East Bomangkhil,Hindu Para (Napit Para), Konar Para (Ward No.7), West Bomangkhil, Shikdar Para, Kala Shikdar Para (Ward No.8), Kazorbil, Dengachor, Khalika Para (Ward No.9)	Gorgonia Mouja Zungle Gorgonia Mouza West Gorgonia Mou
Razarkul Total number of villages: 33	Palpara, Hafez Para, Moulavi Para, Dhorpara(Ward No.1),Haldarkul, Noia Pal Para, Pahartoli (Ward No.2), Shikdar Para, Shorma Para, South Shikdar(Ward No.3),West Noia Para, Chowkider Para, West Ghonarpara, Villager Para(Ward No.4), Noiapara, Zoldash Para, Khathalia Para, Chagliakata (Ward No.5), Deang Para, Boiddorkhil (Ward No.6), Dhalaimukh , Middle Ghonar Para, Napiter Kata, Ramkot, Paharkata, Nasirkul (Ward No.7), South Para, Pahar Para,HazirPara,NaiaPara(Ward No.8),Hazir Para, Borua Para, Fulnir Chor(Ward No.9)	Razarkul Mouza
Chakmarkul Total number of villages: 29	Ali Hossain Shikder Para, Saleh Ahmod Para, West Para (Ward No.1),Miazi Para, Mouzimer Dip, Noiachor Para (Ward No.2),Matbor Para,Mistri Para, Dumer Chor(Ward No.3), Techchipul, North Farirkul, Kuner Para, Azgor Para, Khondokar Para, Mali Para (Ward No.4), Zارايلاتoly , Bonik Para, Borua Para (Ward No.5), East Mohammad Pura, Noiapara (Ward No.6) , Srimura, Nasira Para (Ward No.7), East Shamoder Para, West Shamoder Para, South Shamoder Para (Ward No.8), West Chakmerkul, Dainga Para, Noiachor Para, Vhutpara(Ward No.9)	Chakmerkul Mouza
Rashidnagor	Shikdar Para, Shandhip Para, North Kahatia Para	Dholir Chora Mouza

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Name of Unions	Name of Villages(Ward No)	Village based Administrative Units
Total number of villages:16	(Ward No.1), Kahatia Para (Ward No.2), Boro Dholirchora (Ward No.3), Pahartoli (Ward No.4), Kadmor Para, Hamid Para (Ward No.5),Tholiaghona.North Nasira Para, South Nasira Para(Ward No.6), Panir Chora, Horitola(Ward No.7), Panir Chora Murapara, Dholirchora,Murapara, Getipara (Ward No.8),Ultakhali(Ward No.9)	Zungle Dholirchora Mouza Ultakhali Mouza
Fotekharkul Total number of villages :37	Officer Chor, Chorpara, Eastdip, South Dip Fotekharkul(Ward No.1),Shipahir Para, Hazarikul, Nathpara, Rampara, Zulekhar Para, Shikdar Para, Officer Chor Lamar Para (Ward No.2),Khondoker Para, Lombori Para, Techchipul (Ward No.3), Mondol Para (Ward No.4), Haitupi ,North Srikul, South Srikul, Dip Srikul(Ward No.5),East Merongloa, Hitupi,Vhootpara, Hitupi Khenchur Ghona, Hitupi Gachoa Para(Ward No.6), Merongloa, Sridhon Para, Amtolia Para, Middle Merongloa (Ward No.7), West Merongloa, West Merongloa Doana Para, Middle Merongloa , Amtolia Para (Ward No.8),North Fotekharkul (Muslim Para), Bonik Para, Borua Para, Chalna Para,Satgoriar Para (Ward No.9)	Fotekharkul Mouza Hitupi Mouza Merongloa Mouza Srikul Mouza

Source: Ramu Upazila Disaster Management Plan, CDMP

2.2.4 Local Authorities

Ramu Thana was formed in 1908 and it was turned into an upazila in 1983. And it is comprised of 11 Unions. There is no municipality in this upazila.

2.2.5 Demography & Social Composition

According to the Census, 2011, the total population of the upazila amounts to 265640 people, among which 135000 are male and 130460 are female. Total number of household is 47914. Out of the total population, 90% Muslim, 5% Buddhist and 5% Hindu. Table 2.2 shows the distribution of urban and rural population and literacy rate in urban and rural of Ramu upazila.

Table 2.2: Distribution Urban and Rural Population and it's Literacy Rate of Ramu Upazila

Population		Literacy rate (%)	
Urban	Rural	Urban	Rural
64814	200826	38.84	23.31

Source: Ramu Upazila Disaster Management Plan, CDMP

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Table 2.3: Union Wise Population Distribution and Literacy Rate

Ramu Upazila					
Name of Union	Area (in Acre)	Population			Literacy Rate (%)
		Male	Female	Total	
Idgar	12865	9105	9210	18315	27.4
Kachhapia	10770	14310	14026	28336	21.97
Kauarkhop	6144	12024	11980	24004	21.87
Khuniapalong	19018	18497	17818	36315	19.37
Garjania	15929	11232	11419	22651	21.96
Chakmarkul	1802	8686	7752	16438	35.73
Joarianala	8411	13621	13702	27323	25.7
Dakshin Mithachhari	10088	13166	11832	24998	21.82
Fatekharkul	2435	15608	14961	30569	42.03
Rashid Nagar	4245	8369	8169	16538	21.77
Rajarkul	5087	10382	9771	20153	24.55
Total	96794	135000	130640	265640	

Source: BBS, 2011.

**Photograph 2.2: People of Ramu Upazila** (Source: Reconnaissance Survey)**2.2.6 Infrastructure and Social Service****Number of Dam**

There are in total, 41dams in Ramu upazila which stretches over nearly 158.5 km. These dams protect the farming lands, roads, houses and very institutions from natural disasters, such as river bank erosion, floods, inland flooding during tide, tidal surges, etc.

Roads

Around 97.5 Kilometers are pucca, around 216.5 km are HBB road and around 543.5 km are earthen road.

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Photograph 2.3: Road Network of Ramu Upazila (Source: Reconnaissance Survey)

Irrigation System

For irrigation purposes, shallow and deep tube wells and shallow machine are used. The following table contains information on irrigation practices according to unions:

Table 2.4: Union Wise Distribution of Deep, Shallow Tube Well and Shallow Machine

Union	Deep Tube Well	Shallow Tube Well	Shallow Machine
Idgar	17	275	150
Kaurkhop	20	50	13
Khuniapalong	150	50	5
Zoarianala	8	12	1
Cocchopia	10	20	16
South Mithachori	15	12	13
Gorgonia	10	20	16
Razarkul	13	10	20
Chakmarkul	29	265	0
Rashidnagar	71	13	11
Fateharkul	9	13	0
Total	352	740	120

Source: Ramu Upazila Disaster Management Plan, CDMP

Haat Bazaar

Still the people of the area are dependent on weekly haat of the Ramu Upazilla. The number of small and big bazar are growing up gradually along with weekly haat. Usually the people are used to purchase and sale the daily necessary goods in the haat bazar, there are 25 haats in Ramu upazila.



Photograph 2.4: Local Market of Ramu Upazila (Source: Reconnaissance Survey)

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Sewerage System

The inhabitants of the all union of Ramu upazila are lag behind when it come to usage of proper and hygienic toilets. The upazila has nearly 40145 hygienic/pucca toilets, 21235 pit toilets out of 40145. Most of the pit and permanent toilets can be found in the houses of educated and conscious people's houses which have been built by various organizations. During flood 7682 latrin are above flood level and 7553 are active. So far near 5% people are not aware to use latrin properly and used to go open place for their natural defecation which are very unhealthy/un-hygienic. (Source: CDMP)

Schools/Educational Institutions

There are 75 primary school, 3 registered primary school, 6 non-government primary school, 1 satellite school, 14 KG school, 12 high school, 2 boys school, 2 college, 2 girls school, 2 college, 18 madrasa 1 teaching institute in Ramu upazila.

Religious Institution

The Ramu upazila has 493 mosques, 32 Temples and 17 Keyangs/Pagoda.

Health care

There is only 1 sub-district health complex (Government Hospital), 10 Union Health and Family Welfare Center (Government), 19 Community Clinic (Government), 3 NGO operated Healthcare Center and 2 Private Healthcare Center.



Photograph 2.5: Health Service Facilities of Ramu Upazila (Source: Reconnaissance Survey)

Number of Banks

There are 7 banks in Ramu Upazila, given bellow:

Table 2.5: Bank at Ramu Upazila

Union	Ward	Name of the Bank	Types of Services
Kocchopia	Krishi Bank: 1	Ward No.5	Provides agricultural loans on easy conditions, distributing government allowance and money deposits
Fatherkharkul	Krishi Bank Islami Bank:2 Rupali Bank-1 Sonali Bank 1	Ward No. 7 Ward No.4& 6 Ward No. 5 Ward No.5	Money deposits ,DPS,provides loans on easy conditions,provides salary

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	Janata Bank-1	Ward No.6	allowance to non-government Officers
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Source: Ramu Upazila Disaster Management Plan, CDMP

Post Office

There are 8 post offices in Ramu upazila. Union based information post offices are given bellow:

Table 2.6: Post Office at Ramu Upazila

Union	Name of the Post Office	Ward (Location)	Types of Services
Kawerkhope	Middle Kauarkhop Post Office	Ward No.5	Exchange regular letters, Money order opportunity, Dak bima, Deposits Scheme etc
Khuniapalong	Rabeta Post Office	Ward No. 6	
Joarianala	Zoarianala Bazar Post Office	Ward No.8	
Kocchopia	Gorzonia Bazar Post Office	Ward No. 5	
Gorjonia	Borobil Gorzonia Bazar Post Office	Ward No.1	
Rajarkul	Noapara Post Office	Ward No.5	
Rashidnagar	Boro Dholirchora Post Office	Ward No. 3	
Fatekharkul	Officer Chor Post Office	Ward No.1	

Source: Ramu Upazila Disaster Management Plan, CDMP

Club / Cultural Center

There are 25 club/ cultural centers in Ramu upazila.

GO/Voluntary Organization

Government institutions including different NGOs or volunteers organizations are working to development of socio-economic of the people of this upazila. The table shows the information:

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Table 2.7: NGO at Ramun Upazila

NGO	Areas of their Activities	Number of beneficiaries	Duration of the Programs	Union
RIC	Micro Credit Program related to CDMP Disaster Program	11 Union's People	Ongoing July 2014	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
BRAC	Micro Credit Programme, Education Programme and Wash Programme	11 Union's People	Ongoing	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
ASHA	Micro Credit Programme	9 Union's People	Ongoing	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
Grameen Bank	Micro Credit Programme	11 Union's People	Ongoing	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
Songjog Bangladesh	VGD	11 Union's People	Till December 2014	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
CODEC	Education	11 Union's People	Till December 2015	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
MUKTI	Malaria Programme	9 Union's People	Till December 2014	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnagar, Fatekharkul
Gono Shastho	Health and Education Programme	2 Union's People	Ongoing	Idgar, Khuniapalong
Proshika	Micro Credit Programme	1 Union's People	Ongoing	Fatekharkul

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NGO	Areas of their Activitie	Number of beneficiaries	Duration of the Programs	Union
Anondo	Health Programme	3 Union's People	till December,2014	Idgar,Khuniapalong,Cocchopia
IDF	Micro Credit Program	1 Union's People	Ongoing	Cocchopia
BLAST	Legal Support Prgramme	5 Union's People	till December,2014	South Mithachori,Razarkul,Chakmerkul,Fatekh arkul, Zoarianal
Jago Nari	Women Empowerment	11 Union's People	On going	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnigor, Fatekharkul
PHD	Service developement of Community clinic	11 Union's People	On going	Idgar, Kauarkhop, Khuniapalong, Zoarianala, Cocchopia, South Mithachori, Gorzonia, Razarkul, Chakmerkul, Rashidnigor, Fatekharkul

Source: Ramu Upazila Disaster Management Plan, CDMP

Main Sports

Football, Cricket, Volleyball, Ha-do-do and Pole game are local sports.

Playing Ground

There are 16 big play ground in this upazilla, every primary school has a small playing field and every higher secondary school has football fields. There are smaller fields in open areas.

Graveyard/ Crematorium:

Graveyard: 285, Hindu Crematorium: 23 and Buddhist Crematorium: 3. (Source: CDMP)

2.2.7 Agricultural Land

The Ramu upazila covers in total, 65330 acres of land. Out of which 20111 acres of land is engaged in farming. 3140 acres of land for single crop, 13455 acres of land for bi-crop/season, 1895 acres land for tri-seasonal crop cultivation, 1625 acres land for tobacco and 4200acres land for housing.

2.2.8 Bio-Diversity

Birds: Moyna, Oriental Magpie Robin, Vulture, Common Myna, Sparrow, Shyama, Crane, Waterhen, Parrot, Crow, Pigeon, Wood pecker, Tailor Bird, King Fisher, Weaver Bird, Gugu, Drongo, Bulbuli etc.

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Wild animal: Wild cat, monkey, elephant, wild cock, deer, common mongoose, Squirrel, Gecko, fox, bear cat, wild boar, Chittagong bison, water monitor, bat etc

Reptile: Cobra, lizard, Water Monitor, Russel's Viper, Pangolin, Daras etc

Amphibians: Different types of frogs such as sona, kuno, kola etc

Domestic animals: Cow, goat, buffalo, ram, hen, pigeon, cat, dogs etc

Fishes: Tilapia, carp, catla, African catfish, Nile tilapia, yellow tail catfish, Mrigal, Rohita, Barbe, Taki, Tengra, Shrimp, Pursh, stinging catfish, etc. Due to human gripping above said animal, fishes, trees have decreased jeopardized comparing to the past. Most of the specimen will be extinct in future.



Photograph 2.6: Agricultural Activities of Ramu Upazila (Source: Reconnaissance Survey)

2.2.9 Geo-Physical Profile

2.2.9.1 Topography and Soil

This upazila is surrounded by 40% plain, 10 % low and 50% mountain and high land. Type/nature of soil is 25 % mixed soil, 25% clay 30 % sediment, 20 % sand

2.2.9.2 Hydrology and River Hydraulics

Main river is Bakkhali river of Ramu Upazila and others stream and small rivers. Short descriptions of major rivers of Ramu upazila are given in below.

Bakkhali River: The Bakkhali River is flowing through Kawrarkhop, Rajarkul union and entered at Fatherkharkul union. Due to flash flood nearest villages flooded and damaged the houses and crops. Lands are fertile for sedimentation after yielding water.

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Idgar-Edgaon River: The **Idgar-Edgaon** River starts from the 3, 4, 5 and 6 no. ward Borobil of Idgar union flows through to 1 no. ward Kuddus Mian Joom and meets at the Idgar union. Due to flash flood nearest villages flooded and damaged the houses and crops. Lands are fertile for sedimentation after yielding water.

Goalia Palong River: The **Goalia Palong** River starts from the Khunia Palong union of 7 no ward east Goalia flows through to 9 no ward of Goalia Palong and meets with Goalia River. Due to flash flood nearest villages are affected flooded and damaged the houses and crops. Lands are fertile for sedimentation after yielding water.

Dochori River: Dochori River starts from the canal of Kocchopia union flows through to 1, 2, 3, and 6 no ward of Bakkhali River. Due to flash flood nearest villages are affected flooded and damaged the houses and crops. Lands are fertile for sedimentation after yielding water.

Ramaita River: The Ramaita River starts from 1 no ward of Rashidnagar union and flows through to Dholirchora canal. Due to flash flood nearest villages are affected flooded and damaged the houses and crops.

Lands are fertile for sedimentation after yielding water.

Ponds: In total there are 1174 pond in Ramu upazila comprised of both big and small ponds. Out of this abadi ponds are 857 and anabadi 317. Most of the ponds contain water but during the monsoon season, they all get filled up. Water from the ponds is used for everyday activities, fish farming, irrigation, etc. Most of the fishes grown in the pond are Rui, Katla, Tilapia and other different types of carps although there has been a growth in the small fish production thus fulfilling nutritional demands as well as providing financial security. The fish farmers are contributing to the national economy by growing fishes in the ponds.

Canals: 28 Canals flows or pass by Ramu upazila.

Marsh/Bill: Total number of Bill of upazila: 162. Out of these 27 in Idgar, 13 at Khuniapalung, 47 at Kocchopia, 30 at Mithachori, 3 Gorjonia, 2 at Rajarkul, and 40 at Chakmarkul union. Use and useful: Paddy and vegetables are cultivating/harvesting here and playing in national economic through the collection of different types of fishes from these marsh/bill and also contributing to meet the demands of fish as well as nutrition.

Haoar: There are no haoars.

Salinity: This area is far away from the sea shore; so there is no probability of salinity. Salinity occurred for 2/3 months in Rashid Nagar, Chakmarkul, South Mithachori and Khuniapalang unions of this upazilla for very near to –shore. Nevertheless, river bank crops are destroyed by saline water through overflowing sea water in sea adjacent rivers, rest of the years salinity not found.

Arsenic Pollution: In 2000 the Local Health Engineering Department and NGOs implemented a program that tested the ground water for presence of arsenic. Traces of arsenic were found in some areas. In the last 13 years there had been no initiative to test the ground water for arsenic either by

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the government or other partner organizations, Thus, at present the local government or the Upazilla administration has no idea whether the ground water of the area is contaminated or not.



Photograph 2.7: River and Canal of Ramu Upazila (Source: Reconnaissance Survey)

2.2.10 External Linkage

Roadway communication is the major communication of Ramu Upazilla with Cox's Bazar Sadar as well as other sub districts of Cox's Bazar Districts (Chokoria, Pekua, Ukhia, Teknaf and Cox's Bazar Sadar upazilla) and also using Cox's Bazar Channel for Moheshkhali and Kutubdia upazilla. **(See Map 2.2: Regional Linkage and Transportation Network of Ramu Upazila)**

Types of transport used in this sub district minibus, jeep, taxi, *tomtom*, auto-rickshaw and engine boat. People are travelling usually by foot, rickshaw on earthen road, rickshaw, auto rickshaw and taxi in pucca road and boat in river among different unions and different wards of unions of this upazilla.

The roads in the Ramu sub-district town are in good condition. Most of the roads are either paved or bricks built. Taxi, *tomtom* or rickshaw are used for local travel. To travel to Cox's Bazar from Chittagong by road needs to crossing over Ramu. One can go to Cox's Bazar district and Chokoria, Pekua, and Teknaf upazilla from Ramu by road. Nevertheless, Moheshkhali or Kutubdia upazilla can be reached by speed boat/shallow machine powered wooden boat through Cox's Bazar channel.

There are paved roads from the sub-district to the unions but not all wards of the unions have paved roads, which makes travelling in the monsoon season risky.

2.2.11 Local Stockholder of the Project Area

1. Upazila Parishad
2. Union Parishad
3. Paurashava/Municipality
4. Upazila Agricultural Office
5. Upazila Health and Family Planning Office
6. Upazila Animal Resource Office
7. Upazila Office, LGED
8. Upazila Education Office
9. Upazila Office of Food Controller
10. Fire Service and Civil Defense
11. Upazila Social Service Office
12. Upazila Youth Development Office

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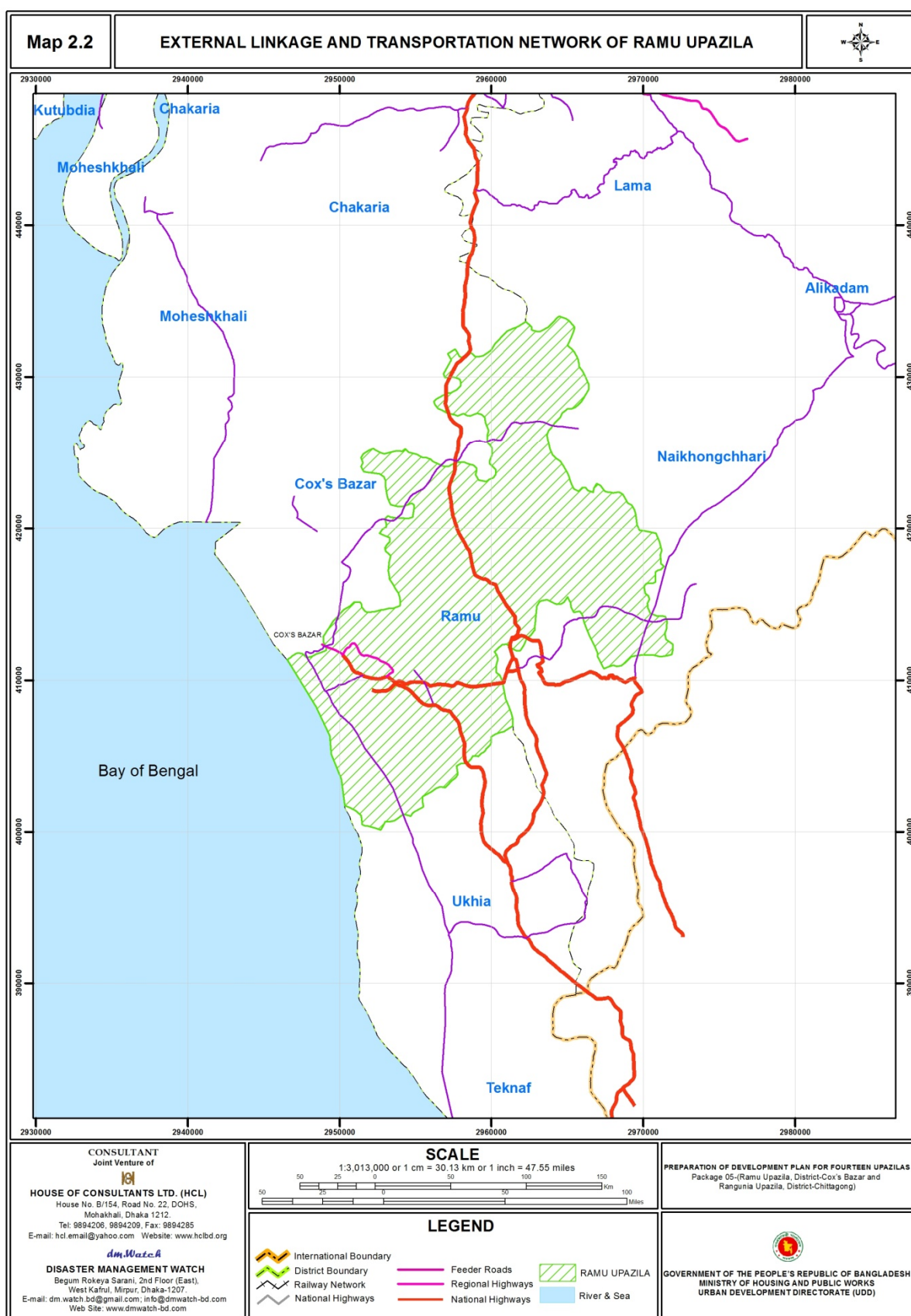
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13. Upazila Ansar and VDB Office
14. Local Level Police Authority
15. Upazila Somobay Office
16. Press Club
17. Project Implementing Office
18. Local Office of Ministry of Environment and Forest
19. Roads and Highways Department
20. Bangladesh Forest Department
21. Department of Disaster Management
22. Bangladesh Small and Cottage Industry Corporation
23. Bangladesh Bureau of Statistics
24. Bangladesh Tourism Board
25. Department of Archeology of Bangladesh

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CHAPTER-03: **MOBILIZATION AND RECONNAISSANCE SURVEY**

CHAPTER-03: MOBILIZATION AND RECONNAISSANCE SURVEY

3.1 Introduction

This chapter describes the deployment of key personnel and supporting staff for the intended project and also describes the initial consultation meeting, reconnaissance survey and details experiences of field visit.

3.2 Team Mobilisation

After signing of agreement with UDD, the consultant took preparation for mobilization of project personnel including appointment of additional staff for the project.

Table-3.1: Key Personnel/Sub-Consultants

Sl No	Name of Consultant	Position	Man-Month	Date of Joining	Comments
1.	DR. M. MAKSUDUR RAHMAN	Team Leader	13	01 January, 2015	<p>*Serial 4 are mobilized for full time</p> <p>**Serial 1 to 3 and 4 to 12 are mobilized as staggered deployment</p> <p>*** All team members are agreed to join this project and they started to work as per working schedule.</p>
2.	S.M. ABDULLAH AL-MASUM	Urban Planner	08		
3.	MOHAMMAD ATIKUL ISLAM	Urban Planner	08		
4.	MD. LUTFOR RAHMAN	GIS Expert	21		
5.	ATIF MASWOOD M. SAADI, P.E.	Transport Planning Expert	04		
6.	SAIFUL AZIM	Photogrammetric Expert	04		
7.	D.S. ADIBUL ABEDIN	Civil Engineer cum Hydrologist	04		
8.	MD. SADEQUL ISLAM	Social Expert	06		
9.	MD. ABDUS SALAM	Urban Economist	04		
10.	MD. DIDARUL ISLAM	Agriculture Scientist	02		
11.	DR. MD. BODRUDDOZA MIA	Geologist	04		
12.	MD. MOSTAFIZUR RAHMAN	Associate Geologist	04		
13.	MASUD MOLLA	Geological Survey Technician	02		
14.	S. S. BIDDYA BARON SARKER	Survey Expert	03		

The team of consultants has been mobilized four consultants including the Team Leader. They have joined and started their work. The **Table-3.1** shows the status of mobilization of the consulting team

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working under the project. To help accomplish the tasks of Preparation of Development Plan for Fourteen Upazilas under the package-05 (Ramu Upazila and Rangunia Upazila), the consultant appointed 04 planners as support staff. These personnel will be engaged in the Upazila level to collect data, supervise survey work and conduct sample household survey of the Upazila. They will keep continuous liaison with Upazilas and support the team members by supplying necessary information from the Upazilas and other government and on-government sources. The Details of the meeting minutes are provided in **APPENDIX-1**.



Photographs 3.1: Contract Signing and Team Mobilization Meeting

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3.3 INITIAL REGIONAL CONSULTATION

3.3.1 Consultation Meeting With Upazila Nirbahi Officer (UNO)

UDD, on 9th January, 2015, arranged an initial consultation meeting on the project with the Upazila Nirbahi Officer at the Rangunia Upazila office. The UNO (acting), Mohammad Mahbubul Karim, along with Bishwajit Datta, Upazila Engineer, LGED were participated in the meeting. The meeting was presided over by the Mr. Shafiqul Islam Khan, Project Manager (Package-05), Preparation of Development Plan for Fourteen Upazilas (PDPFU) Project, UDD. Urban planner Mr. S.M. Abdullah Al-Masum, Consultant of PDPFU, described the purpose of the inception meeting. Next the Mr. S.S. Biddya Baron Sarker, Survey Expert and Bandhan Dutta Ayon, Assistant Urban Planner of the Team of the consultants in charge of Package-5, briefed about the concept of Development Plan and its various components, including the background of undertaking the project in the backdrop of rapid urbanization in the country. Mr. Selim Reza, Director and CEO, House of Consultants Ltd. also explained about the need for urban planning for creating a sustainable and environment friendly place for living and working. The meeting was concluded by the concluding lecture of UNO with the assurance of warm and active assistance throughout the project period and activities. Proceedings of the inception seminar/meeting are attached in **APPENDIX-A**.



Photographs 3.2: Consultation Meeting With Upazila Nirbahi Officer (UNO)

3.3.2 Consultation Meeting With Upazila Chairman and Local People

An initial consultation meeting on the project with the project Upazila Chairman was arranged by UDD, on 9th January, 2015 at Rangunia. The Chairman of the Upazila (acting), Mr. Ali Hossain, including some Union Members, and the mass people of the Upazila were present in the meeting. The meeting was presided over by the Mr. Shafiqul Islam Khan, Project Manager (Package-05), Preparation of Development Plan for Fourteen Upazilas (PDPFU) Project, UDD. Urban planner Mr. S.M. Abdullah Al-Masum, Consultant of PDPFU, described the purpose of the inception meeting. Next the Mr. S.S. Biddya Baron Sarker, Survey Expert and Bandhan Dutta Ayon, Assistant Urban Planner of the Team of the consultants in charge of Package-5, briefed about the concept of Development Plan and its various components, including the background of undertaking the project in the backdrop of rapid urbanization in the country. Mr. Selim Reza, Director and CEO, House of Consultants Ltd. also explained about the need for urban planning for creating a sustainable and environment friendly place for living and working. The meeting was successfully completed with the enthusiastic and affirmative response from the participants to ensure the local level participation for the successful competition of the project in Ramu Upazila. After the end of the meeting the participants were treated with refreshment. The Details of the meeting minutes are provided in **APPENDIX-B**.

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Photographs 3.3: Consultation Meeting with Upazila Chairman and Local People

3.4 EXPERIENCE OF RECONNAISSANCE SURVEY

In the reconnaissance survey the team of consultants visited and gathered knowledge and ideas on local growth centers, heritage and religious sites, tourist attraction places, regional linkages, local road networks, traffic and transportation facilities, economic activities, major rivers and canals, natural resources, utility facilities, waste management facilities, industrial and agricultural activities of the Upazila and so on.

From the reconnaissance survey, the team of consultants figured out the following information regarding agricultural activities of Ramu upazila. Paddy, Vegetable, Betel leaf, betel nut, Sugar cane, tobacco etc. are the main crops. Different type of vegetables are cultivated in Ramu, namely Tomato, Potato, Brinjal, Raddish, Flower cauli, Cabbage, Bean, Chili, Betel leaf, Betel nut, Lalshakh, Loncho, Kolmi, Peas, Kochu, Turmeric, Bitter Melons, Ginger, Felon, Pumpkins, Gourd, Rai Shakh, Ladies finger, Palong, Spinach, Cucumber etc. Ramu is very famous for its Coconut. Other mentionable fruit are Mango, Damson Plum, Jackfruit, Pomelo, Orange, Olive, Star fruit, Banana, Wood Apple, Dates, Areca Nut, Country Goose Berry, Bel, Golap Jum, Guava, Pineapple, Tum, Papaya, etc.

Most of the houses and infrastructure of this upazila is semi-pucca and katcha. The number of concrete houses very few and located only in the sadar area. Though the school, Mosque and various infrastructures are semi-pucca and semi-pucca but most of the houses are katcha hut at villages.

Most of the roads within Ramu upazila are paved; the communication system has improved significantly over the last 5-10 years. But the road system within the unions of the upazila is not better. All most villages connected to main road with herring bone road and earthen road. In most cases, travels are troublesome for losses of bricks on these roads. It is worth noting that the connecting road between Zoarianala and Idgar are in very poor condition.

Ramu Upazila has the very prominent potentials (e.g. Isolated Coconut Garden) for tourism activities which has found and marked by the team. It has also tremendous importance because of its some very important and ancient heritage and religious sites (Wriddhiman Bouddha Bihar). Ramu is very near to the Cox's Bazar Sea Beach which would be a proponent of tourist attractions and generation of economic activities.

But there are some critical problems those are accountable for low standard of lifestyle of the people of Ramu. Most of the people of this upazila are frightened critically by the hazards of Flood, River erosion, Flash flood, Cyclone, Attack of wild elephant. About 300 families of 11 union losses their homestead by river erosion and 8 thousand people scaring of erosion. About 0.1 million farmers suffering from damage of harvest through the flash flood, attack of wild elephant and flood (Source:

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CDMP). Below are few problems that are found from the reconnaissance survey and interview of local authority and people during survey.



Photographs 3.4: Isolated Coconut Garden and Wriddhiman Buddha

(Source: Reconnaissance Survey)

Flash Flood: Flash flood generates for torrential rain in hillocks. Villages of foothills are affected by flash floods. Farmlands and households adjacent to hills suffer great damages of Flash Flood. Heedless illegal hill cutting makes it easier for the water to flow down the hills and flood the low lying lands.

River Erosion: Flash flood occurred in Idgar-eidga river of Idgar union, goalipalang river of khuniapalng union, ramaitya river of rashidnagar union and dochari river of kachchapia union while excess rainfall in the hillocks. Both sides of these river banks are eroded. As a fact, agricultural lands, roads, houses are affected variously.

Land Slide: Landslides occurred in most unions of Ramu Upazilla during monsoon for heavy rainfall. Moving earth near hillocks, free style deforestation and home settling near foothills is the main causes for a landslide.

Attacking wild elephant: In the past, there was a sanctuary for wild elephant. Due to the gradual deforestation for getting more money, food and places are scanty for elephant. As a fact, wild elephant haunts for food to the localities and causes for destroying food and losses of human lives.

Infrastructure problems are also acute that are hindering the different components of urban and rural life. Ramu is lagging behind in education facilities and this is quite evident from the literacy rate. Necessary infrastructures and awareness both are limited regarding education issue. Road network is poor and/or absent from the remote areas to the town area. And the bazaars of the Sadar area is completely developed on road side thus creating problem on traffic movements. Lack of parking spaces and vehicle stands have made the situation deteriorated. The initial investigation reveals that the economy of Ramu is mainly dependent on agriculture and which is largely dependent on climatic and weather condition. Attention should be given on the alternative employment generations which are also being felt by the local people.

The team also pointed out and noted other features (e.g. tourist attraction places, agricultural activities, road network) necessary for detailed survey and studies. The project team was fully assisted by the local people and administration throughout the reconnaissance survey.

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Photographs 3.5: Transportation Facilities of Ramu Upazila (Source: Reconnaissance Survey)

3.5 SETTING UP PROJECT OFFICE AT POURASHAVA

The consultant is taking steps to set up a site office in Ramu Upazila. The Upazila Nirbahi Officer (UNO) has been requested through a letter to allocate space if possible in the Upazila premises. In case the space is not available in the Upazila premises, the consultant will make its own arrangements for setting up site office.

3.6 COLLECTION OF MOUZA MAPS AND OTHER SECONDARY MAPS AND MATERIALS

The team of consultants has collected different information and data from the local and national level secondary sources. Different studies and projects on Ramu are given due consideration for collecting necessary data. The team also contacted with different relevant institutions or bodies for collecting secondary information regarding planning purposes. The collection of Mouza maps are also in progress.

CHAPTER-04: **WORK PROGRAMME AND MANNING SCHEDULE**

CHAPTER-04:

WORK PROGRAMME AND MANNING SCHEDULE

4.1 Introduction

The study titled 'Preparation of Development Plan for Fourteen Upazilas' entails a lot of multidisciplinary activities as like Existing physical Features and Land Use Survey, Topographic Survey, Socio-economic Survey, Traffic Survey, Population and Migration Survey, Industrial Surveys, Recreational and Open Space Survey, Hydrology and Environmental studies, Economic Activities studies, Anthropological and Ethnographical Study, Heritage, Archaeology and Tourism management and studies, Hazard management and studies and also prepares Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan for the project area and also preparation of maps, reports, etc

4.2 Manning Schedule

The Terms of Reference specifies the consultant's team comprising of 13 consultants including Urban Planners, GIS Expert, Survey Expert, Transport Planning Expert, Photogrammetric Expert, Civil Engineer cum Hydrologist, Social Expert, Urban Economist, Agriculture Scientist, Geologist, Associate Geologist, Geological Survey Technician with specified person-months inputs varying from 02 pm to 21 pm. This is a quite wise decision to keep the person-month inputs fixed based on the need assessment of the project to avoid flexibility in thinking of proposal writers resulting in direct impact on cost variation. However, the allocation of person-month of the Experts throughout the project implementation period, especially intermittent services of the Consultants' team members having short duration person-month input provision require professional judgments that may vary among the proposal writers. The consultants based on their professional knowledge gained from recent past completed and on-going similar/related projects, have been assigned person-months over the project period to meet demand of specialist and expert services to accomplish the tasks through out the assignment period covering review, survey and investigation, formulation policies and strategies, and review and preparation of Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan and preparation and submission of reports, etc.

The ToR specifies a total of 146 person-months (pm) for the PDPFU Consultant's team of which 79 pm kept for Consultants and Experts and 67 pm for supporting staffs with varying person month from 02 to 21 per consultant over the total period (21 months) of consultancy assignment. The total person-months have been distributed by the consultants in accordance with the planned work schedule provided in **Figure 5.1**.

The ToR has also kept provision of 67 person-months for the support and supervising staff including Assistant Urban Planners, Assistant GIS Analyst, Office Manager and other for field and office works, etc.

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MANNING/STAFFING SCHEDULE

PREPARATION OF DEVELOPMENT PLAN FOR FOURTEEN UPAZILAS UNDER UDD

Sl. No.	Position	Name	Staff-month Input by Month																					Total Staff Input			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Home	Field	Total	
A. KEY PROFESSIONALS																											
1	Team Leader	DR. M. MAKSUDUR RAHMAN																							11	2	13
2	Urban Planner	SM. ABDULLAH AL-MASUM																							7	1	8
3	Urban Planner	MOHAMMAD ATIKUL ISLAM																							4	4	8
5	GIS Expert	MD. LUTFOR RAHMAN																							3	18	21
6	Transport Planning Expert	ATIF MASWOOD M. SAADI																							1.5	2.5	4
7	Photogrammetric Expert	SAIFUL AZIM																							3	1	4
8	Civil Engineer cum Hydrologist	D.S. ADEBUL ABEEDIN																							2	2	4
9	Social Expert	MD. SADEQUE ISLAM																							3	3	6
10	Urban Economist	MD. ABUS SALAM																							2	2	4
12	Agriculture Scientist	MD. DIDARUL ISLAM																							1	1	2
13	Geologist	DR. MD. BOORJUDOZA MIA																							2	2	4
14	Associate Geologist	MD. MOSTAFIZUR RAHMAN																							2	2	4
15	Geological Survey Technician	MASUD MOLLA																							1.5	0.5	2
16	Survey Expert	S. S. BIDIYA BARON SARKER																							0	3	3
Total																									43	44	87
B. SUPPORT STAFF																											
1	Jr. Urban Planner	Banahan Duta Ayon																							6	2	8
2	Jr. Urban Planner	Jannatul Maurya Datta																							8	0	8
3	Asst. GIS Analyst	Toufic Alam																							8	0	8
4	Asst. GIS Analyst	MD. Rabul Awal																							8	0	8
5	Asst. GIS Analyst	Saidur Rahman																							8	0	8
6	Asst. GIS Analyst	Mustafa Shomy																							8	0	8
7	Office Manager Cum Accountant	MD. Anaful Islam																							12	7	19
Sub Total (B)																									58	9	67
Total (A+B)																									101	53	154

HCL-dm.Watch

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4.3 Task Specification of Project Team

Team Leader is the head of the project operation who bears the overall responsibility of timely completion of the project. He will lead this team; get works done under each component. He will prepare work programme, assign experts their jobs, closely monitor their works and consult with Project Director on all issues in this respect. He will prepare study reports on the basis of various surveys and ultimately make all planning proposals, their implementation procedure and develop some prioritized sub- projects. during the preparation of plan he will arrange consultation meeting with stakeholders, utility providers, community leaders, political leaders, local government institutions, local elites, etc. and reflect their logical desire as far as possible in the plan. He will lead all his activities as per ToR and suggestions of Project Director.

4.4 Work Schedule

An effective work schedule is one of the major components of the project for its successful completion. The consultants have made an in-depth assessment of the requirements in the ToR both in respect of services and demanding time schedule particularly for review of previous relevant plans and documents and, detailed survey updating and capacity building and training, and preparation of Sub-Regional Plan, Structure Plan, Urban Area Plan, Rural Area Plan, Action Area Plan for the project area. The systematic planning of the Activity Schedule always ensures quality of standards during the implementation of the project. Detail activity schedule of the PDPFU Project is presented in **Figure-5.2**.

4.5 Tasks and Responsibilities of the Professionals

Proposed key personnel both international and national selected for the consultancy services for Preparation of Development Plan for Fourteen Upazilas are all highly qualified and specialized in their respective fields. Highest thought and consideration have been given for selecting and offering a team most suitable for the assignment.

4.6 Reporting Schedule to be submitted (Both soft and hard copy)

Table-5.1: Format of Reports to be submitted to UDD

Report	Language	Number of Copies to be Submitted		Period of Submission	Binding Status
		Draft	Final		
Mobilization Report	English	02	20	End of 15 Days	Spiral Binding
Inception Report	English	02	20	End of 1 st Month	Spiral Binding
Draft Survey Report	English	02	20	End of 6 th Month	Spiral Binding
Final Survey Report	English	02	20	End of 8 th Month	Spiral Binding
Draft Final Plan Report	English	02	20	End of 19 th Month	Spiral Binding
Final Plan Report	English	20		End of 21 th Month	Leather Binding

Source: Terms of Reference (ToR) of PDPFU



CHAPTER-05: CONCLUSION

CHAPTER-05:

CONCLUSION

5.1 CONCLUSION

Ramu is an urban centre with potentials for growth. The main impetus of growth comes from the agricultures and tourism activities. The town has good industrial and business potentiality. Congenial investment climate will have to be created for this purpose providing necessary facilities and services. It has good communication with Chittagong and other surrounding urban centers (e.g. Cox's Bazar). As an urban center with economic potentiality and good transport linkage has prospects of developing as an important trading center if provided with necessary infrastructure and services. Preliminary investigations reveal that the Upazila suffers from a number of urban related problems very typical in urban centers of the country. Despite its advantages and opportunities in many respects these problems undermine investment prospects. Care has to be taken during ensuing plan preparation to address these problems of the town on priority basis. Like other remote urban centers, lack of educational institutions and facilities are identified and mentioned by local people as a serious problem for the Upazila and likely to take precarious shape in future, if it is not intervened immediately. There is need for more advertisement for tourist attraction in Ramu, which must also have to be addressed in the plan. The stakeholder consultation on development plan has opened up a new horizon in participatory development planning and this will make development efforts more sustainable and people oriented. This will surely strengthen Upazila's accountability to the people and promote good governance.

The successful completion of the consultants' team mobilization and later the reconnaissance survey of the consultants along with the UDD officials have paved the way for preparation of this Mobilization Report and this lead to the work of Inception and preparation of the report.

ANNEXURES

**Preparation of Development Plan for Pakcage-05 (Rangunia & Ramu Upazila)
under the Project 'Preparation of Development Plan for Fourteen Upazilas' of
Urban Development Directorate (UDD)**

Team Mobilization Meeting Minutes

The Team Mobilization meeting in connection with the consultancy services “ Preparation of Development Plan for Package 05 (Rangunia & Ramu Upazila)” under the project titled “Preparation of Development Plan for Fourteen Upazilas” initiated by Urban Development Directorate (UDD) was held on 27-12-14 in the office of the lead firm House of Consultants Ltd. (HCL), House # B-154, (Ground Floor), Road# 22, D.O.H.S, Mohakhali, Dhaka-1212 with Selim Reza, Managing Director, House of Consultants Limited in the Chair. The meeting was attended by the personnel of associated firm “Disaster Management Watch (dm.Watch)” and consultants to be engaged for the said assignment. Attendance of the meeting is attached in Annex-01.

The meeting started with a welcome address by the Managing Director of HCL. The Chairperson first introduced himself briefly and invited all to introduce themselves. All presented consultants along with Team Leader introduced themselves. After introduction MD of HCL introduce about the project to be performed by this team, contract with UDD and relevant issues. After his deliberation, Mr. SS Bidya Baran Sarker discussed about some other issues like; facilitation to the consultants, work environment, reporting, field visit and so forth. After the discussion he invited Team Leader to take the floor and discuss about the assignment and their initial set up. Team Leader Dr. M Maksudur Rahman discussed with other consultants about the assignment, scope of work, initial plan etc. Senior Planner SM Abdullah Al Masum, GIS Expert Md. Lutfur Rahman, Transport Expert Atif Maswood M Sadi, Photogrametric Expert Saiful Azim also participated in the discussion.

After a threadbare discussion session, all consultants signed their contract papers with the JVC for the said assignment. The Chair expected a quality and professional performance from the team and assured all to provide all out support to the team to perform their responsibilities.

The meeting ended with a vote of thanks from the Chair.

Selim Reza

Managing Director

House of Consultants Ltd.

রামু উপজেলা কার্যালয়

রামু, কক্সবাজার।

স্মারক নং-

তারিখ: ১০-০১-২০১৫ ইং

রামু উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে মত বিনিময় সভা।

সভার তারিখ : ১০ জানুয়ারি, ২০১৫।

স্থান : রামু উপজেলা কার্যালয়

সময় : সকাল ১০.০০ ঘটিকা।

সভায় উপস্থিতির বিবরণ:

অদ্য ১০ জানুয়ারি, ২০১৫ রোজ শুক্রবার সকাল ১০.০০ ঘটিকায় রামু উপজেলা মিললায়তনে উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) প্রস্তুতকরণের কার্যক্রম-এর উপর প্রারম্ভিক সভা এবং অত্র এলাকার উন্নয়নের লক্ষ্যে মত বিনিময় সভা অনুষ্ঠিত হয়। পৃথক পৃথক দুইটি সভায় সভাপতিত্ব করেন যথাক্রমে উপজেলা চেয়ারম্যান জনাব আলি হোসেন এবং উপজেলা নির্বাহী অফিসার মোহাম্মদ মাহবুবুল করিম। উক্ত মত বিনিময় সভাগুলোতে স্থানীয় গণ্যমান্য ব্যক্তিবর্গ, বিভিন্ন ইউনিয়ন মেম্বার বৃন্দ, প্রকল্প ব্যবস্থাপক মহোদয়, ডেভেলপমেন্ট প্ল্যান প্রণয়ন প্রকল্পে নিযুক্ত পরামর্শকবৃন্দ উপস্থিত হয়ে আলোচনায় অংশগ্রহণ করেন। এছাড়াও উপস্থিত ছিলেন জনাব বিশ্বজিৎ দত্ত, উপজেলা প্রকৌশলী, স্থানীয় সরকার প্রকৌশল অধিদপ্তর ও উপজেলা প্রেসক্লাবের সভাপতি মহোদয়।

সভার আলোচনা:

প্রথমেই রামু উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর উপস্থিতিতে প্রারম্ভিক ধারণা দেন জনাব শফিকুল ইসলাম খান, প্রকল্প ব্যবস্থাপক (প্যাকেজ-৫), প্রিপারেশন অফ ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস। এ আলোকে পর্যায়ক্রমে উপজেলা উন্নয়ন প্রকল্পের পরামর্শক দলের সিনিয়র নগর পরিকল্পনাবিদ জনাব এস. এম. আব্দুল্লাহ আল-মামুন প্রারম্ভিক সভার উদ্দেশ্য ও লক্ষ্যের উপর আলোকপাত করেন। পরবর্তীতে পরামর্শক দলের সার্ভে এক্সপার্ট এস.এস. বিদ্যা বরণ সরকার এবং নগর পরিকল্পনাবিদ বন্ধন দত্ত অয়ন উন্নয়ন প্রকল্পের ধারণা ও এর বিভিন্ন দিক নিয়ে আলোচনা করেন। এতে দ্রুত ও অপরিবর্তিত নগরায়নের প্রেক্ষিতে উন্নয়ন প্রকল্প গ্রহণ ও এর বাস্তবায়নের প্রয়োজনীয়তা নিয়েও আলোচনা হয়। পরামর্শক সংস্থা হাউজ অফ কনসালটেন্টস এর পক্ষে এর পরিচালক জনাব সেলিম রেজা টেকসই ও পরিবেশবান্ধব শহর ও জীবনযাপনের জন্য নগর পরিকল্পনার প্রয়োজনীয়তার উপর মতামত প্রদান করেন। এরই ধারাবাহিকতায় আলোচনায় অংশগ্রহণ করেন ভারপ্রাপ্ত উপজেলা চেয়ারম্যান, উপজেলা নির্বাহী অফিসার, স্থানীয় সরকার প্রকৌশল অধিদপ্তরের প্রকৌশলী, বিভিন্ন ইউনিয়ন মেম্বার বৃন্দ এবং স্থানীয় গণ্যমান্য ব্যক্তিবর্গ।

রামু উপজেলা চেয়ারম্যান (ভারপ্রাপ্ত) জনাব আলি হোসেন তার বক্তব্যে বলেন, কক্সবাজার জেলার অধীনে অবস্থিত রামু উপজেলা প্রাকৃতিক, প্রত্নতাত্ত্বিক, ধর্মীয়, সাংস্কৃতিক, পরিবেশগত ও ভ্রমণের জন্য অত্যন্ত গুরুত্বপূর্ণ একটি উপজেলা। এ উপজেলা কক্সবাজার সমুদ্র সৈকতের অতি নিকটবর্তী হওয়া সত্ত্বেও এতে দেশী বিদেশী

পর্যটকের আগমন তুলনামূলক অনেক কম। তিনি দাবি করেন, অপরিবর্তিত ব্যবস্থা, উন্নত সুযোগ-সুবিধার অভাব ও পর্যটকদের রামুর বিভিন্ন দর্শনীয় স্থান সম্বন্ধে ধারণা না থাকাই এর মূল কারণ। তাই পর্যটন শিল্পের বিকাশে ও আনুষঙ্গিক উন্নতির লক্ষ্যে রামুর বাস্তবমুখী উন্নয়ন দ্রুত প্রয়োজন। অতঃপর তিনি বলেন, রামু উপজেলার জন্য প্রস্তাবকৃত ডেভেলপমেন্ট প্ল্যান (উন্নয়ন প্রকল্প) কার্যক্রম-এর উপর প্রারম্ভিক এই মতবিনিময় সভায় সরকারি ছুটির দিনেও যারা উপস্থিত হয়েছেন তাদেরকে আন্তরিক অভিনন্দন ও স্বাগত শুভেচ্ছা জানাচ্ছি। রামু উপজেলা একটি পাহাড়ি এলাকা এবং এটি বাঙালি ও বিভিন্ন আদিবাসী অধ্যুষিত এলাকা। তাই উন্নয়ন প্রকল্পে সামাজিক সম্প্রীতির ব্যাপারটাকে প্রাধান্য দিয়ে পরিকল্পনার উপর জোর দিচ্ছি। তিনি আরও বলেন, এই এলাকার শিক্ষার হার বাংলাদেশের অন্য যেকোন এলাকার থেকে অনেক কম। প্রয়োজনীয় বিদ্যালয়, কলেজ ও অন্যান্য শিক্ষা ব্যবস্থার সংকট থাকায় এই এলাকার কোমল মতি শিশুরা পিছিয়ে পড়ছে এবং জড়িয়ে পড়ছে নানা আইন বিরোধী কার্যকলাপে। এছাড়া এই এলাকার অর্থনৈতিক কার্যকলাপ ও ব্যবসা বানিজ্যের সুযোগ কম, যা ব্যাপারটাকে আরও দুর্বিসহ করে তুলছে। তাই আমি জোর দিয়ে বলব পরিকল্পনায় যেন আর্থসামাজিক পরিস্থিকে যথাযথ গুরুত্ব দেয়া হয়। পরিশেষে সবাইকে ধন্যবাদ জানিয়ে এবং প্রকল্প অগ্রগতির সাথে সাথে বিভিন্ন দিকে সুচিন্ত ও প্রয়োজনীয় মতামত দেবার আহ্বাস দিয়ে আমার বক্তব্য শেষ করছি।

পরবর্তীতে বিভিন্ন ইউনিয়ন চেয়ারম্যান তাদের নিজ ও ইউনিয়নের জনগণের সহযোগিতার ব্যাপারে আহ্বাস দেন, বিশেষ করে পারটিসিপেটরি রুরাল এপ্রাইজালের সময়ও তাদের ইউনিয়নের জনগণের স্বতঃস্ফূর্ত অংশগ্রহণের ব্যাপারটি নিশ্চিত করেন।

পৃথক সভায় ভারপ্রাপ্ত উপজেলা নির্বাহী অফিসার মোহাম্মদ মাহবুবুল করিম বলেন, আমি আশাবাদী এ প্রকল্প হাতে নেওয়ায় এলাকার জনগণ তাদের নিজ নিজ অবস্থান থেকে উপজেলার সার্বিক উন্নয়নের জন্য চিন্তা করার সুযোগ পাবে, এতে সচেতনতা বৃদ্ধির মাধ্যমে এলাকার প্রকৃত সমস্যা ও তার সমাধানের পথ সুগম হবে। তিনি এলাকার বিভিন্ন সমস্যা চিহ্নিত করে বলেন, সরু ও কাঁচা রাস্তা, অপরিবর্তিত বর্জ্য ব্যবস্থাপনা উল্লেখযোগ্য সমস্যা। তিনি আরও বলেন, এলাকার বর্তমান বিভিন্ন শিল্পকে উৎসাহ ও প্রণোদনার মাধ্যমে লাভজনক করে তুললে এমপ্লয়মেন্ট জেনারেশনের পথ অনেকটাই সুগম হবে। অবশেষে তিনি উপজেলা প্রশাসনের যথাযথ সহযোগিতার আহ্বাস দিয়ে তার বক্তব্য শেষ করেন।

সাক্ষর

জনাব আলি হোসেন
উপজেলা চেয়ারম্যান (ভারপ্রাপ্ত)
রামু উপজেলা, কক্সবাজার।

ATTENDANCE OF INITIAL CONSULTATION MEETING
RAMU UPAZILA

রামু উপজেলা

নাম: মোবাইল নম্বর ও পদবী:

- ১। ~~মোবাইল নম্বর~~ মোবাইল নম্বর
২। চিকিৎসা দপ্তর, উপজেলা প্রাথমিক স্বাস্থ্য
কেন্দ্র, রামু, জেলা সিলেট।

৩। বুদ্ধন হোসেন খান
সহকারী

রামু হোসেন

০১৭৫-৩৪৭৫৭১৩

০১৪১১-৪৬৬৭০৩

২। ~~মোবাইল~~

মোহাম্মদ মাহবুবুল আলম

উপঃ নিঃ অফিসার (হাঃ প্রাঃ)

রামু, জেলা সিলেট

মোবাইল: ০১৭৬৬৬৭৬২০৪

ভৌগলিক (অবস্থান) পরিচিতি ঃ পূর্বে নাইক্ষ্যংছড়ি উপজেলা, বান্দরবান পার্বত্য জেলা।

পশ্চিমে- কক্সবাজার সদর উপজেলা।

দক্ষিণে- উখিয়া উপজেলা, কক্সবাজার

উত্তরে- কক্সবাজার সদর উপজেলা।

১। আয়তন	ঃ ৩৯১.৭১ বর্গ কিঃমিঃ
২। নদী এলাকার আয়তন	ঃ ৩৫ কিঃ মিঃ
৩। ইউনিয়নের সংখ্যা	ঃ ১১টি
৪। ওয়ার্ড সংখ্যা	ঃ ৯৯ টি
৫। মৌজার সংখ্যা	ঃ ৩৯ টি
৬। গ্রামের সংখ্যা	ঃ ১০২ টি
৭। পরিবারের সংখ্যা	ঃ ৪৭,৯০৪ টি
৮। জনসংখ্যা	ঃ ২,৬৬,৬৪০ জন (২০১১ সালের আদমশুমারী অনুযায়ী)
ক) পুরুষ	ঃ ১,৩৫,০০০ জন
খ) মহিলা	ঃ ১,৩১,৬৪০ জন
৯। কৃষক পরিবার	ঃ ৩৪,৩৪২টি
১০। শিক্ষার হার -	ঃ ৩৬.৬%
১১। শিক্ষা প্রতিষ্ঠান কলেজ ও উচ্চ বিদ্যালয়	
ক) মহাবিদ্যালয়	ঃ ০১ টি
খ) উচ্চ বিদ্যালয় সরকারী	ঃ নাই
গ) উচ্চ বিদ্যালয়	ঃ ১৩ (সহশিক্ষা)
ঘ) উচ্চ বিদ্যালয় (বালিকা)	ঃ ০২
ঙ) নিম্ন মাধ্যমিক বিদ্যালয়	ঃ ০৪ (এমপিও বিহীন ০৩টি)
চ) মাদ্রাসা (বে-সরকারী)	ঃ
ক) সিনিয়র মাদ্রাসা	ঃ ০২ টি
খ) দাখিল মাদ্রাসা	ঃ ০৬ টি
গ) মহিলা দাখিল মাদ্রাসা	ঃ ০২ টি
১২। প্রাথমিক বিদ্যালয়	
ক) সরকারী প্রাথমিক বিদ্যালয়	ঃ ৫৫টি
খ) রেজিষ্টার প্রাথমিক বিদ্যালয়	ঃ ১৯টি
গ) কেজি বিদ্যালয়	ঃ ১৫টি
ঘ) এনজিও পরিচালিত প্রাথমিক বিদ্যালয়	:০২টি
ঙ) কমিউনিটি প্রাথমিক বিদ্যালয়	ঃ ০৪টি
চ) ব্রাক স্কুল	ঃ ০৯টি
১৩। হাসপাতাল	
ক) সরকারী হাসপাতাল	ঃ ১টি
খ) ইউনিয়ন পরিবার কল্যাণ কেন্দ্র	ঃ ০৭ টি
গ) কমিউনিটি ক্লিনিক	ঃ ২৩ টি
ঘ) এইচ এন এফ ডবি-উ সি	ঃ ০৭টি
ঙ) রোলাল ডিসপেনসারী (আরডি)	ঃ ০২টি

১৪। সরকারী নার্সারী	ঃ ১টি
১৫। কুটির শিল্প	ঃ নাই
১৬। টেলিফোন এক্সচেঞ্জ	ঃ ১টি (ডিজিটাল)
১৭। টেলিগ্রাফ অফিস	ঃ ১টি
১৮। ফায়ার স্টেশন সার্ভিস	ঃ প্রস্তাবিত
১৯। পুলিশ ক্যাম্প	ঃ ১টি
২০। ডাকঘর	ঃ ১টি
২১। লঞ্চ ঘাট	ঃ নাই
২২। মোট রাস্তা	ঃ ক) কাঁচা রাস্তা- ৪৩৩ কিঃ মিঃ
	খ) পাকা রাস্তা ঃ ৩৯ কিঃ মিঃ
	গ) আধা পাকা ঃ ৮৮ কিঃ মিঃ
২৩। এতিম থানা	ঃ ১৯ টি
২৪। ক্লাব	ঃ ২২ টি
২৫। বেসরকারী উন্নয়ন সংস্থা (এনজিও)	ঃ ২৩টি
২৬। দুস্থ মুক্তিযোদ্ধা (ভাতা প্রাপ্ত)	ঃ ৩৮ জন (প্রতিমাসে ২০০০ টাকা করে)
২৭। বিধবা ভাতা প্রাপ্ত	ঃ ১,৭৬৫ জন
২৮। প্রতিবন্ধী ভাতা প্রাপ্ত	ঃ ৪৭০ জন
২৯। প্রতিবন্ধী শিক্ষার্থী	ঃ ৪০ জন (প্রাথমিক স্তর- ৩৫ ও মাধ্যমিক স্তর- ০৫)
৩০। মাতৃস্বকাল ভাতা প্রাপ্ত	ঃ ২৩১ জন
৩১। বয়স্ক ভাতা প্রাপ্ত	ঃ ৪,৪৯৫ জন
৩২। মৎস্যসম্পদ	ঃ ক) মোট পুকুর- ১৪৫৭টি
	খ) মৎস্যচাষকৃত পুকুর (সরকারী)- ১৫টি
	গ)মৎস্যচাষকৃত পুকুর (বেসরকারি)- ১৪৪২ টি
	ঘ) অনাবাদী - ২১টি
	ঙ) জলমহলের সংখ্যা- নাই
	চ) মৎস্য উৎপাদন পুকুর- ৫০৪ মে. টন
	উন্মুক্ত জলাশয়- ১৩২ মে. টন
৩৩। পার্থাগার	ঃ ১টি
৩৪। সমবায় সমিতি	ঃ ক) মহিলা সমিতি- নাই
	খ) মৎস্যসমবায় সমিতি- ১টি
	গ) যুব সমবায় সমিতি- ৭টি
	ঘ) রিক্সা সমবায় সমিতি- ২টি
	ঙ) ইউনিয়ন বহুমুখী সমবায় সমিতি- ৩টি
	চ) অন্যান্য সমবায় সমিতি- ১১০টি
৩৫। পশু সম্পদ বিভাগ	ঃ ক) কৃত্রিম প্রজনন কেন্দ্র- ৩টি
	খ) পশু চিকিৎসাকেন্দ্র- ১টি
	গ) দুগ্ধ খামার- ১১টি
	ঘ) পোল্ট্রি ফার্ম- ১৬০টি
৩৬। মসজিদ	ঃ ৪৩৯
৩৭। ঈদগাহ	ঃ ১টি

৩৮। হাট-বাজার

৩৯। মন্দির

৪০। ক্যাং

৪১। সিনেমা হল

৪২। নলকূপ

ঃ ১৫টি

ঃ

ঃ ২৩টি

ঃ নাই

ঃ

ক) গভীর নলকূপ (সরকারী)- ৫৫টি

খ) অগভীর নলকূপ (সরকারী)- ২৭টি

গ) গভীর নলকূপ (বেসরকারী)- নাই

৪৩। বিদ্যুতায়িত গ্রামের সংখ্যা

৪৪। মুক্তিযোদ্ধার সংখ্যা

৪৫। আশ্রয় কেন্দ্র

৪৬। ইউনিয়ন ভূমি অফিস

৪৭। আদর্শ গ্রামের সংখ্যা

৪৮। আদর্শ গ্রামে পরিবারের সংখ্যা

৪৯। আশ্রয়ন

৫০। আশ্রয়নের পূর্ববাসনের সংখ্যা

৫১। আবাসন প্রকল্প

৫২। গুচ্ছ গ্রামের সংখ্যা

৫৩। উপজেলার ঐতিহ্য

ঃ ৩৫টি

ঃ ৪০ জন

ঃ ৩১টি

ঃ ৩টি

ঃ ২টি

ঃ ৬০টি

ঃ ৬টি

ঃ ১৪০ টি পরিবার

ঃ ০১টি (পরিবার সংখ্যা ৩০টি)

ঃ নাই

ঃ বাঁকখালী নদীতে নৌকা বাইচ প্রতিযোগিতা, গ্রামীণ বলী খেলী, মুক্তিযুদ্ধের বিজয় মেলা ইত্যাদি।

ঃ বাংলা ভাষা ও দেশীয় সংস্কৃতি।

ঃ রামকূট তীর্থ ধাম, ১০০ ফুট সিংহ শয্যা বিশিষ্ট বুদ্ধ মূর্তি।

ঃ ফুটবল, ক্রিকেট, ভলিবল, মহিলা ভলিবল ইত্যাদি।

ঃ সুপারী, পান, কাঠ, বাঁশ ইত্যাদি।

ঃ কৃষি, শীতকালীন শাক সবজি।

ঃ ২টি

ঃ ৪টি

ঃ সড়ক পথে।

ঃ ২টি (রামু নিউজ ডট কম, রম্য ভূমি রামু)

ঃ ১৫টি

ঃ ১টি

ঃ ২টি (জেলা পরিষদ ডাকবাংলো, রাবার বাগান রেস্ট হাউজ)

ঃ ১টি

৫৪। ভাষা ও সংস্কৃতি

৫৫। দর্শনীয় স্থান

৫৬। খেলাধুলা ও বিনোদন

৫৭। প্রাকৃতিক সম্পদ

৫৮। ব্যবসা বাণিজ্য

৫৯। হোটেল ও আবাসন/

৬০। কমিউনিটি সেন্টার

৬১। যোগাযোগ ব্যবস্থা

৬২। পত্র পত্রিকা

৬৩। হাট বাজার

৬৪। রাবার বাগান

৬৫। রেস্ট হাউজ

৬৬। নারিকেল বীজ বাগান

সম্পাদনায়

উপজেলা নির্বাহী অফিসার

রামু, কক্সবাজার।

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to our discussion on the above, I do hereby join today, the January 01, 2015 as **Team Leader**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Dr. M. Maksudur Rahman)

Copy to:

1. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
2. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **GIS Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Lutfor Rahman)

Copy to:

3. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
4. Team Leader, Preparation of Development for Package-5,
5. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

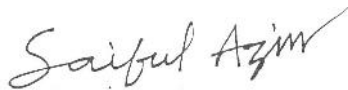
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Photogrammetric Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Saiful Azim)

Copy to:

6. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
7. Team Leader, Preparation of Development for Package-5,
8. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

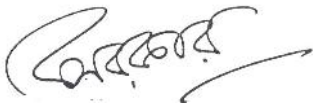
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Survey Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(S.S. Biddya Baron Sarker)

Copy to:

9. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
10. Team Leader, Preparation of Development for Package-5,
11. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Urban Planner**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(S.M. Abdullah Al-Masum)

Copy to:

12. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
13. Team Leader, Preparation of Development for Package-5,
14. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

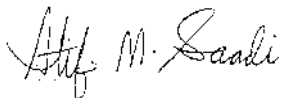
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Transport Planning Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Atif Maswood M. Saadi, P.E.)

Copy to:

15. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
16. Team Leader, Preparation of Development for Package-5,
17. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Civil Engineer-cum-Hydrologist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(D S Adibul Abedin)

Copy to:

18. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
19. Team Leader, Preparation of Development for Package-5,
20. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Social Expert**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Sadequul Islam)

Copy to:

21. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
22. Team Leader, Preparation of Development for Package-5,
23. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Urban Economist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Abdus Salam)

Copy to:

24. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
25. Team Leader, Preparation of Development for Package-5,
26. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Agriculture Scientist**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,



(Md. Didarul Islam)

Copy to:

27. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
28. Team Leader, Preparation of Development for Package-5,
29. Managing Director, dm.Watch.

January 01, 2015

To
The Managing Director
House of Consultants Limited
House No. B-154, Road No. 22
D.O.H.S., Mohakhali
Dhaka-1206.

Subject: Joining Report.

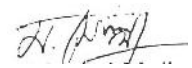
Dear Sir,

With reference to my discussion with the authority of the Joint Venture of HCL and dm.Watch, on the above, I do hereby join today, the January 01, 2015 as **Geological Survey Technician**, Preparation of Development for Package-5, Ramu Upazila (391.71 sq km), District: Cox's Bazar, & Rangunia Upazila (361.54 sq km), District: Chittagong under "Preparation of Development Plan for Fourteen Upazilas" Project.

The joining report may kindly be accepted.

Thanking you,

Sincerely yours,


(Masud Molla)

Copy to:

1. The Project Director, "Preparation of Development Plan for Fourteen Upazilas"
Room #407, 3rd Floor, Urban Development Directorate, 82, Segunbagicha,
Dhaka.
2. Team Leader, Preparation of Development for Package-5,
3. Managing Director, dm.Watch.

প্যাকেজের সর্বশেষ স্তর হচ্ছে বিষদ অঞ্চল পরিকল্পনা বা এ্যাকশন এরিয়া প্ল্যান যা ৫ বছর মেয়াদের জন্য করা হয়। অঞ্চল পরিকল্পনা থেকে অগ্রাধিকারমূলক প্রকল্পসমূহকে বাস্তবায়নের জন্য নির্দিষ্ট ক্ষুদ্র এলাকাভিত্তিক ৫ বছর মেয়াদী এ্যাকশন প্ল্যান তৈরী করা হয়। এই উন্নয়ন পরিকল্পনায় নির্ধারিত ভূমি ব্যবহার অনুযায়ী সড়ক, আবাসিক/বাণিজ্যিক এলাকা, পার্ক, খেলার মাঠ, বাজার ও অন্যান্য সুযোগ সুবিধাদি, কৃষি এলাকা প্রভৃতি বিস্তারিতভাবে প্রদর্শিত থাকবে।

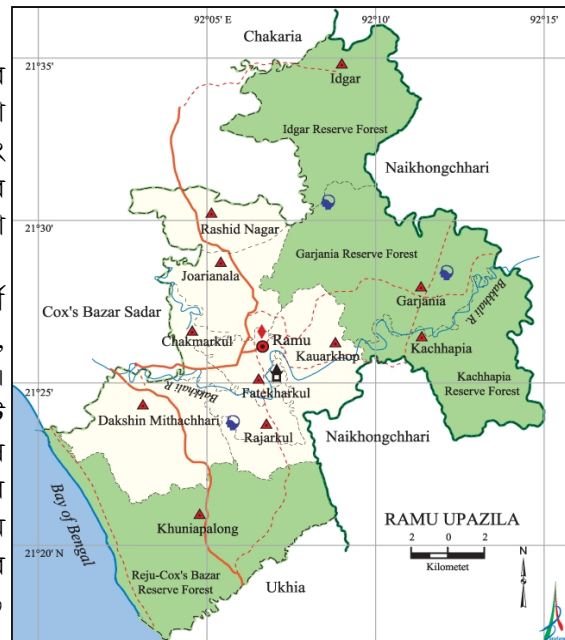


উন্নয়ন পরিকল্পনা প্রণয়নে কাজের ধাপ

১. প্রকল্প এলাকা সরেজমিনে পরিদর্শন ও পর্যবেক্ষণ।
২. প্রকল্প এলাকার মৌজা ও অন্যান্য মানচিত্র, সাধারণ পরিসংখ্যান ও তথ্যাদি সংগ্রহ।
৩. ডিজিটাল ম্যাপ প্রস্তুতকরণ এবং সীমানা নির্ধারণ।
৪. স্যাটেলাইট ইমেজ সংগ্রহ ও ফটোগ্রামেট্রিক পদ্ধতিতে প্রক্রিয়াকরণ।
৫. প্রকল্প এলাকায় বিভিন্ন প্রকার জরিপ (ভূমি বন্ধুরতা জরিপ, ভৌত অবকাঠামো জরিপ, ভূমি ব্যবহার জরিপ, আর্থ-সামাজিক জরিপ, যানবাহন সমীক্ষা, জল-ভূতত্ত্ব, কৃষি, পরিবেশ ও দূর্যোগ ব্যবস্থাপনা জরিপ ইত্যাদি)।
৬. সংগ্রহকৃত তথ্য উপাত্ত ও জনগণের মতামতের ভিত্তিতে প্রকল্প এলাকার সমস্যা চিহ্নিতকরণ ও বিশ্লেষণ।
৭. পরিকল্পনার মানদণ্ড নির্ধারণ ও প্রক্ষেপণ।
৮. প্রকল্প এলাকার খসড়া উন্নয়ন পরিকল্পনা প্রণয়ন ও নীতিমালা তথা উন্নয়ন পরিকল্পনা প্রস্তুতকরণ।
৯. গণশুনানী আয়োজন ও প্রয়োজনীয় সংযোজন, বিয়োজন, সংশোধন।
১০. প্রকল্প এলাকার চূড়ান্ত উন্নয়ন পরিকল্পনা প্রণয়ন।
১১. প্রণীত উন্নয়ন পরিকল্পনা অনুমোদন ও গেজেট নোটিফিকেশন।

রামু উপজেলা পূর্বে বান্দরবন জেলার নাইক্ষ্যগ্যাংছড়ি উপজেলা, দক্ষিণে উখিয়া উপজেলা, পশ্চিমে কক্সবাজার সদর উপজেলা এবং উত্তরে চকরিয়া উপজেলা অবস্থিত। জেলা সদর থেকে ১৫ কিঃমিঃ উত্তরপূর্ব দিকে রামু উপজেলা অবস্থিত।

রামু উপজেলার আয়তন প্রায় ৩৯১.৭১ বর্গ কিলোমিটার। উপজেলায় ইউনিয়ন আছে ১১ টি, মৌজা ৩৫টি, ওয়ার্ড ৯৯ টি ও গ্রাম ৪০২টি। ২০১১ সালের গননা অনুযায়ী উপজেলার মোট জনসংখ্যার প্রায় ২৬৫৬৪০ জন। এর মধ্য পুরুষ ১৩৫০০০ ও নারী ১৩০৬৪০ জন। মোট পরিবার প্রায় ৪৭৯১৪। মোট জনসংখ্যা মধ্যে মুসলিম ৯০%, বৌদ্ধ ৫% ও হিন্দু ৫। ভূ-পাকৃতিক অবস্থার দিক থেকে ৪০% সমতল, ১০% নীচু এবং ৫০% পাহাড় ও উঁচু ভূমি সমন্বয়ে রামু উপজেলা।



“প্রিপারেশন অব ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস” প্রকল্পের আওতায়

রামু উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন কার্যক্রম পরিচিতি

বাস্তবায়নে
নগর উন্নয়ন অধিদপ্তর
ও

উপজেলা পরিষদ, উপজেলা প্রশাসন, পৌরসভা, ইউনিয়ন পরিষদ

পরামর্শক প্রতিষ্ঠান:



হাউজ অফ কনসালটেন্টস ও ডিজাস্টার ম্যানেজমেন্ট ওয়াচ

উন্নয়ন পরিকল্পনা তথা দীর্ঘ মেয়াদী ভৌত পরিকল্পনা

বাংলাদেশ পৃথিবীর অন্যতম জনঘনত্বপূর্ণ দেশ ২০১১ সালের আদমশুমারী অনুযায়ী যার মোট জনসংখ্যা ১২.৪৪ কোটি, যা বর্তমানে প্রায় ১৬ কোটি ছাড়িয়েছে। দারিদ্রতা, আয়ের সীমিত সুযোগ, প্রাকৃতিক দুর্যোগসহ বেশ কিছু কারণে বাংলাদেশে গ্রাম থেকে মানুষের শহরে স্থানান্তরের হার অত্যন্ত বেশী। এর সাথে উচ্চ জন্মহার যোগ হবার ফলশ্রুতিতে বাংলাদেশ বর্তমানে এশিয়ার দ্রুততম নগরায়ন সংগঠিত দেশগুলোর মধ্যে অন্যতম। যদিও বাংলাদেশে মোট শহর ও নগরের সংখ্যা মাত্র ৫২২টি, তথাপি দেশের নগর জনসংখ্যার বেশিরভাগ অংশ (প্রায় ৬০ ভাগ) বসবাস করে কেবলমাত্র ঢাকাসহ চারটি বড় শহরে। বাকী ৪০ ভাগ বসবাস করে ছোট ও মাঝারী শহরে। ছোট ছোট অনেক শহরের মানুষ অপরিকল্পিত নগরায়নের কারণে বাসস্থান, যোগাযোগ, পরিবেশ, নাগরিক সুবিধা সহ অর্থনৈতিক কর্মকাণ্ডে সুবিধাবঞ্চিত।

প্রয়োজনীয় ও পরিকল্পিত অবকাঠামোর অভাবে বড়, ছোট সকল শহর এবং সংলগ্ন অঞ্চলসহ এমনকি প্রত্যন্ত গ্রামাঞ্চলেও সমস্যা বাড়ছে। কেবল মাত্র পরিকল্পিত উন্নয়নের মাধ্যমে একদিকে যেমন শহর এলাকাকে অর্থনৈতিকভাবে সমৃদ্ধ ও আশেপাশের গ্রামাঞ্চলকে অর্থনৈতিক ও বাণিজ্যিক কেন্দ্রে পরিণত করা ও নান্দনিকভাবে আকর্ষণীয় করে গড়ে তোলা যায়; তেমনি একটি অঞ্চল যেমন সমগ্র উপজেলাকে পরিকল্পনার আওতায় এনে সকল মানুষের বসবাস, কৃষি, যাতায়াত ব্যবস্থা, প্রাকৃতিক সম্পদের দীর্ঘমেয়াদী সংরক্ষণ ও ব্যবহার নিশ্চিত করা সম্ভব হয়।

উপজেলা পর্যায়ে যে স্থানীয় সরকার কর্তৃপক্ষ রয়েছে (পৌরসভা/সিটি কর্পোরেশন/উপজেলা পরিষদ/ইউনিয়ন পরিষদ) আইন অনুযায়ী সংশ্লিষ্ট কর্তৃপক্ষের অধিভুক্ত এলাকার উন্নয়ন পরিকল্পনা প্রণয়নের দায়িত্ব মূলতঃ তাদেরই। কিন্তু বাংলাদেশে এসকল স্থানীয় সরকার কর্তৃপক্ষের প্রয়োজনীয় লোকবলের অভাব, প্রযুক্তি ব্যবহারের সীমাবদ্ধতা, অর্থের স্বল্পতাসহ বিভিন্ন কারণে পরিকল্পনা প্রণয়নের মত জটিল কাজটি তারা এখানে হাতে নিতে পারছে না। এমতাবস্থায় বাংলাদেশ সরকারের আর্থিক সহায়তায় নগর উন্নয়ন অধিদপ্তর ১৪-টি উপজেলার মহাপরিকল্পনা প্রণয়নের প্রক্রিয়া শুরু করেছে যার মধ্যে কক্সবাজার জেলার রামু উপজেলা অন্যতম।

উন্নয়ন পরিকল্পনার উদ্দেশ্য

উন্নয়ন পরিকল্পনার উদ্দেশ্যসমূহ নিম্নরূপ:

- ০ পরিকল্পনার মাধ্যমে উপজেলার উন্নয়নে গুণগত পরিবর্তন আনয়ন করা যেন ঐ এলাকায় বসবাসকারী জনগণের জীবন মানের উন্নয়ন ত্বরান্বিত হয়;
- ০ উপজেলা পরিকল্পনার মাধ্যমে সরকারী ও বেসরকারী খাতের উন্নয়নে সহায়তা প্রদান করা;
- ০ জনগণের চাহিদা মোতাবেক তাদের অংশগ্রহণমূলক প্রক্রিয়ার মাধ্যমে বহুমুখী বিনিয়োগ পরিকল্পনা তৈরী করা যেন নগর ও গ্রামবাসীর জীবন মানের উন্নয়ন ঘটে। এসব বিনিয়োগ পরিকল্পনায় উপজেলার অন্তর্গত শহর ও গ্রামাঞ্চলের জলনিষ্কাশন, ভৌত অবকাঠামো নির্মাণ, পরিবহন ও ট্রাফিক ব্যবস্থাপনার বিষয়সমূহ প্রাধান্য পাবে;
- ০ উপজেলা শহরে বেসরকারী বা ব্যক্তিখাত উন্নয়নের জন্য এমন একটি নিয়ন্ত্রণ রূপরেখা (Control Mechanism) তৈরী করা যেখানে ভবিষ্যতে উন্নয়ন নিরাপত্তা ও পরিবেশ সংরক্ষণের সুবিধা থাকবে; এবং
- ০ উপজেলা উন্নয়ন পরিকল্পনায় এমন দিক নির্দেশনা দেয়া যাতে উন্নয়নের ক্ষেত্রে বিরাজমান সুবিধাসমূহের পরিপূর্ণ ব্যবহার করা যায় এবং বাঁধাসমূহ সহজে দূর করা যায়।

উন্নয়ন পরিকল্পনা প্রণয়ন কাজের পরিধি ও পদ্ধতি

কোন উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন হলো বিভিন্ন ধাপের মেধা-শ্রম ও প্রযুক্তিনির্ভর একাধিক প্রকৌশল কর্মযজ্ঞের সমন্বয়। উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন পদ্ধতিকে প্রধানত পাঁচটি পর্বে ভাগ করা যায়।

১ম পর্ব: প্রারম্ভিক কার্যক্রম (ইনসেপশন এ্যাকটিভিটিজ)

২য় পর্ব: বিভিন্ন প্রকার সমীক্ষা (সার্ভে)

৩য় পর্ব: শহরের বর্তমান ভৌত অবস্থা ও অভিক্ষেপ নির্ণয়

৪র্থ পর্ব: উন্নয়ন কৌশল নির্ধারণ ও বিকল্প উন্নয়ন পরিকল্পনা সম্বলিত পরিকল্পনা প্রণয়ন

৫ম পর্ব: গণশুনানি ও সংশোধন, অনুমোদন এবং গেজেট নোটিফিকেশন

৫-স্তর বিশিষ্ট পরিকল্পনা

বিশেষজ্ঞ টীম শহরের যে পরিকল্পনা করবেন তা ৫টি স্তর সন্নিবেশিত হবে। এগুলো হলো:

১. উপ-অঞ্চল পরিকল্পনা (Sub Regional Plan)

২. কাঠামোগত পরিকল্পনা (Structure Plan)

৩. শহর এলাকার পরিকল্পনা (Urban Area Plan)

- ভূমি ব্যবহার পরিকল্পনা (Land Use Plan)
- ড্রেনেজ ও পরিবেশ ব্যবস্থাপনা পরিকল্পনা (Drainage & Environmental Management Plan)
- যানবহন ও যাতায়াত ব্যবস্থাপনা পরিকল্পনা (Transport & Traffic Management Plan)
- দুর্যোগ ব্যবস্থাপনা পরিকল্পনা (Disaster Management Plan)

৪. গ্রামীণ অঞ্চল পরিকল্পনা (Rural Area Plan)

৫. বিষদ অঞ্চল পরিকল্পনা (Action Area Plan)

উপ-অঞ্চল পরিকল্পনা (Sub Regional Plan)

পরিকল্পনার প্রথম স্তর হলো ২০ বছর মেয়াদী সাব রিজিওনাল প্ল্যান বা উপ-অঞ্চল পরিকল্পনা যা জাতীয় নীতি ও নীতিমালার ভিত্তিতে তৈরি হবে এবং এতে বিভিন্ন বিভাগীয় কৌশল অন্তর্ভুক্ত করা হবে।

কাঠামোগত পরিকল্পনা (Structure Plan)

স্ট্রাকচার প্ল্যান বা কাঠামোগত পরিকল্পনা একটি দীর্ঘমেয়াদী নীতিনির্ধারণী পরিকল্পনা যেখানে উপজেলার বিদ্যমান শহর, গ্রাম ও অন্যান্য অঞ্চলের আগামী ২০ বছরের উন্নয়ন কৌশল বিশেষ করে যোগাযোগ ব্যবস্থা, ভূমির ব্যবহার, আঞ্চলিক উন্নয়ন সমন্বয়, দুর্যোগ ও পরিবেশ সহ অন্যান্য সকল প্রকার ভৌত অবকাঠামো উন্নয়নের কৌশল, পরিকল্পনা ও এ সংক্রান্ত নীতিমালা প্রণয়ন করা হয়।

শহর এলাকার পরিকল্পনা (Urban Area Plan)

শহর এলাকার পরিকল্পনা বা আরবান এরিয়া প্ল্যান করা হয় সাধারণত: ১০ বছর সময়ের জন্য। মৌজা ম্যাপে অঙ্কিত এটি হবে উপজেলার শহরাঞ্চলের জন্য একটি ভূমি ব্যবহার ও উন্নয়ন পরিকল্পনা যা স্ট্রাকচার প্ল্যানে নির্দেশিত এলাকা নিয়ে প্রণীত হবে। এতে স্ট্রাকচার প্ল্যানে নির্দেশিত উন্নয়ন কৌশল ও নীতিমালা বাস্তবায়ন নির্দেশনা এবং সকল প্রকার প্রস্তাবিত ভূমি ব্যবহার নির্দিষ্ট করা থাকবে।

গ্রামীণ অঞ্চল পরিকল্পনা (Rural Area Plan)

গ্রামীণ অঞ্চল পরিকল্পনা বা রুরাল এরিয়া প্ল্যান হবে উপজেলার গ্রামাঞ্চলের জন্য একটি ভূমি ব্যবহার ও উন্নয়ন পরিকল্পনা যা স্ট্রাকচার প্ল্যানে নির্দেশিত এলাকা নিয়ে প্রণীত হবে। এই উন্নয়ন পরিকল্পনায় গ্রামীণ অঞ্চলের নির্ধারিত ভূমি ব্যবহার অনুযায়ী সড়ক, আবাসিক/বাণিজ্যিক এলাকা, পার্ক, খেলার মাঠ, বাজার ও অন্যান্য সুযোগ সুবিধাদি, কৃষি এলাকা প্রভৃতি বিস্তারিতভাবে প্রদর্শিত থাকবে।

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
গৃহায়ন ও গণপূর্ত মন্ত্রণালয়
নগর উন্নয়ন অধিদপ্তর

“প্রিপারেশন অব ডেভেলপমেন্ট প্ল্যান ফর ফোরটিন উপজেলাস” প্রকল্পের আওতায়

রামু উপজেলার উন্নয়ন পরিকল্পনা প্রণয়ন কার্যক্রম

বাস্তবায়নে
নগর উন্নয়ন অধিদপ্তর ও
উপজেলা পরিষদ, উপজেলা প্রশাসন, পৌরসভা ও ইউনিয়ন পরিষদ

পরামর্শক প্রতিষ্ঠান: হাউজ অফ কনসালটেন্টস লিমিটেড ও ডিজাস্টার ম্যানেজমেন্ট ওয়াচ



Preparation of Development Plan for Fourteen Upazilas

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