



**Government of the People's Republic of Bangladesh  
Planning Commission  
Programming Division  
URP: PCMU**

**Consultancy Services for Monitoring and Evaluation (M&E)  
of  
Urban Resilience Project (URP)**

*Draft*

**21<sup>st</sup> Quarterly Progress Report (April 2023 - June 2023)  
and 5<sup>th</sup> Annual Progress Report (July 2022-June 2023)**



**August 9, 2023**



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## Contractual Details

Contract title	Consultancy Services for Monitoring and Evaluation (M&E) of Urban Resilience Project (URP) for Planning Commission, Ministry of Planning under URP: PCMU
Project ID	P149493
Contract number	URP-PCMU/S-1
Contract client	Urban Resilience Project (URP): Project Coordination and Management Unit (PCMU)
Contractor	Joint Venture of Gesellschaft für Organisation, Planung und Ausbildung (GOPA Consultants) and Services and Solutions International Ltd. (SSIL)

## List of Abbreviations

ADP	Annual Development Programme
APR	Annual Progress Report
BNBC	Bangladesh National Building Code
BUERP	Bangladesh Urban Earthquake Resilience Project
CCR	Command and Control Room
CDMP	Comprehensive Disaster Management Programme
CNR	Concept Note Report
CPAR	Construction Permitting Assessment Report
CPT	Cone Penetration Test
CSAR	Comprehensive Situation Analysis Report
DAP	Detailed Area Plan
DDM	Department of Disaster Management
DEA	Detailed Engineering Assessment
DNCC	Dhaka North City Corporation
DPP	Development Project Proposal
DRM	Disaster Risk Management
DSCC	Dhaka South City Corporation
ECP	Electronic Construction Permitting
ECT	Electronic Control Technique
ECT	Emergency & Communication Technology
EHS	Environmental, Health, and Safety Guidelines
EHS	Environmental, Health and Safety
EIA	Environmental Impact Assessment
EOC	Emergency Operation Centre
EPRC	Environment and Population Research Centre
ERCC	Emergency Response and Communication Centre
ESMP	Environmental and Social Management Program
FGD	Focus Group Discussion
FMS	Financial Management System
FSCD	Fire Service and Civil Defence
GIS	Geographic Information System
GOB	Government of Bangladesh
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
HF	High Frequency
HRVA	Hazard, Risk and Vulnerability Analysis
IA	Implementation Agency
IBR	Indicators Baseline Report
ICC	International Code Council
IMED	Implementation, Monitoring and Evaluation Division
INSARAG	International Search and Rescue Advisory Group
IRI	Intermediate Results Indicator
IUFR	Interim Unaudited Financial Report
KAA	Key Agreed Action
LIMS	Labour Influx Monitoring System

M&E	Monitoring and Evaluation
MoDMR	Ministry of Disaster Management and Relief
MoHPW	Ministry of Housing and Public Works
MoU	Memorandum of understanding
MSR	Monitoring Status Report
MTR	Midterm Review
NDMRTI	National Disaster Management Research and Training Institute
NDRCC	National Disaster Risk Coordination Committee
NOA	Notification of Award
PAD	Project Appraisal Document
PAP	Professional Accreditation Programme
PCMU	Project Coordination and Monitoring Unit
PD	Project Director
PDO	Project Development Objectives
PDOI	Project Development Objectives Indicators
PEA	Preliminary Engineering Assessment
PEC	Project Evaluation Committee
PIC	Project Implementation Committee
PIU	Project Implementation Unit
PMIS	Project Monitoring Information System
PP	Procurement Package
PPE	Personal Protective Equipment
PWD	Public Works Department
QPR	Quarterly Progress Report
RADP	Revised Annual Development Programme
RAJUK	Rajdhani Unnyan Katripakhya (City Development Authority)
RF	Results Framework
RSLUP	Risk Sensitive Land Use Planning
RVA	Rapid Visual Assessment
SAR	Search and Rescue
SCC	Sylhet City Corporation
SEA	Strategic Environmental Assessment
SMART	Specific, Measurable, Attributable, Relevant, Time-bound
STEP	Systematic Tracking Exchange in Procurement
SWOC	Strength, Weakness, Opportunity and Challenges
TED	Training, Exercise and Drill
TOR	Terms of Reference
UNDP	United Nations Development Programme
URP	Urban Resilience Project
URU	Urban Resilience Unit
VHF	Very High Frequency
WB	World Bank

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## Executive Summary

The Executive Summary of the 21<sup>st</sup> Quarterly Progress Report (QPR) and the 5<sup>th</sup> Annual Progress Report summarizing the key findings, challenges, conclusions and recommended corrective actions of the Monitoring and Evaluation (M&E) team. This 20<sup>th</sup> QPR covers the 3<sup>rd</sup> quarter of this last fiscal year (FY 2022-2023) from January 1 until March 31, 2022. The draft version of this report was submitted to Project Co-ordination and Monitoring Unit (PCMU), Planning Commission on August 9, 2023. Thus, we hope this progress report will be helpful source of information for project managers as they seek to supervise the URP efficiently and effectively with the most accurate, comprehensive, and up-to-date information available.

### I. Findings: Brief Summary of Progress by URP Sub-component and Implementing Agency

#### DDM and Sub-components A-1 and A-5 of Component A (Reinforcing the Country's Emergency Management Response Capacity)

Under **Sub-component A-1**: it has been reported earlier that the physical renovation work has been completed for ERCC & NDMRTI from URP DDM part. NDMRTI is used for organizing training, workshops and related events. Some ICT equipment for ERCC has been delivered. But the facility (ERCC) has not yet been renovated with the Emergency Communication Technology (ECT) equipment that has been procured under DNCC part. The installation of ECT equipment for ERCC is ongoing.

The ERCC was supposed to act as the national training center for emergency response professionals under Urban Resilience Project. In this regard the output has been achieved through the renovation process but the ultimate outcome (to act as the national center for command-and-control for the government's response in the event of a major disaster) from the ERCC has not been achieved. In this year the BoQ prepared for the consultancy Service of the Substation Design and Supervision at DDM, contract signed to install the substation, work commenced, and work completion reported to the instalment of the substation. The cable connection work was also completed. DDM submitted the demand note and applied for electricity connection to DESCO.

Under **Sub-component A-5**: The Training, Exercise, and Drills (TED) Program is ongoing in full swing. DDM-PIU contracted UNDP to conduct a total of 52 number of training, workshops and drill programs. In this reporting period 46 trainings, workshops and drills were completed and the remaining 6 are planned to be completed within the 1st quarter of FY 2023-24.

**As of June 2023, the cumulative financial progress of DDM is 65.15%.** DDM spent 8022.70 Lac taka within its total approved cost of 12,315 Lac taka.

#### DNCC and Sub-components A-2, A-3 and A-4 of Component A

DNCC is responsible for managing three (3) sub-components under Component A (that is, A-2, A-3 & A-4) to reinforce Bangladesh's disaster response management (DRM) capacity.

Under **Sub-component A-2** (to build, renovate and outfit local-level city corporation and FSCD DRM facilities), all planned facilities under the Sub-Component had already been constructed before this reporting period. All the procurement work under subcomponent A-2 has been



completed earlier. In this reporting year, construction of the mentioned all 18 green field towers were completed. Among which 8 towers of DNCC, DSCC and SCC (W-2.4) were completed in the 3rd quarter and 10 towers of FSCD (W-2.5) were completed in the 4th quarter.

Under **Sub-Component A-3** (to supply, install and integrate specialized emergency communication technology), Installation of 112 VHF-DMR network stations and related installations for FSCD (G-1.8) and 11 UHF-DMR network stations for DSCC (G-1.10) were completed. Besides, installation of more 3 VHF-DMR network stations were ongoing out of 16 (completed) stations of SCC & DNCC (G-1.4 & 1.9).

For **Sub-component A-4**: All planned Search and Rescue (SAR) equipment under this component has been procured and reported earlier. This package was re-tendered 3rd time on 9 February 2023 again to complete the procurement, but appropriate bidder was not found. Later, on March 27, 2023, the package was re-tendered for the 4th time. The tender evaluation is still ongoing in this reporting period.

**As of June 2023, the cumulative financial progress of DNCC is 92%.** DNCC spent 74723.72 Lac taka within its total approved cost of 81,223 Lac taka.

### **RAJUK and Sub-components B-1, B-2, C-1, C-2, C-3 & C-4 of Component B & C**

**RAJUK** is responsible for implementing of **Component B** (Vulnerability Assessments of Critical and Essential Facilities) and **Component C** (Improved Construction, Urban Planning and Development)

Under **Sub-component B-1** (Vulnerability Assessment of Critical and Essential Facilities and Lifelines), a Long-term Investment and Strategy Guideline has been prepared after completion of all Rapid Visual Assessment (RVA)- (3252 buildings), Preliminary Engineering Assessment (PEA)- (579 buildings) and Detailed Engineering Assessment (DEA)- (206 buildings). **Under this sub-component, all targeted physical work is completed, and all deliverables are submitted.** In this reporting year the report on Implementation Mechanisms, Monitoring and Evaluation Mechanisms and Mainstreaming Mechanisms; Long-Term Investment and Strategy Guideline; and Feasibility report following DEA was reviewed, revised and approved.

Under **Sub-component B-2** (Risk Sensitive Land use planning - RSLUP), the Risk Sensitive Land Use Strategy of Dhaka City has been prepared. All validation meetings were completed, and the Final Consultancy Report submitted addressing full documentation. **All planned activities in the package have been completed in the previous year.**

**Sub-component C-1** was designed to support the activities related to setting up of an Urban Resilience Unit (URU) within RAJUK to develop its human and capital resources, both in number and capacity, to undertake these activities to strengthen Dhaka's urban resilience.

The URU construction work is already moving behind schedule. Among the most important milestones or deliverables completed during the fiscal year 2022-2023 by RAJUK to construct the URU building were the erection of steel frame for G-6F and casting concrete of lift core and floor, piling work, foundation, shear-wall up-to roof slab for laboratory building; roof slab casting of shake-table room of laboratory building. The finishing work of UTM room & generator room was found on-going.

Regarding **URU institutionalization**, no significant progress took place since last year towards the operationalization of the URU. A meeting with the secretary of Ministry of Housing and Public Works (MoHPW) has been conducted in regard to proposed URU on March 15, 2023. PIU is maintaining a regular communication with the Ministry of Housing and Public Works (MoHPW) and other concerned departments in order to persuade the formal proposal of URU. Following



that meeting, additional comments and queries surfaced. PIU-RAJUK is currently reviewing and revising the proposal.

**Sub-component C-2** was intended to design, develop, and implement an Electronic Construction Permitting (e-permit) System (ECPS) for building construction in Dhaka.

RAJUK accomplished the required due diligence and preparation work for the activation of Electronic Construction Permits System (ECPS) by the end of March 2023. It has been announced by RAJUK that beginning in April 2023, formal online applications for 2 out of 24 sub-zones (i.e., sub-zones 3/2 and 4/2) will be accepted for land clearance, special project clearance, and design approval. These applications were supposed to submit along with service drawings, structural designs, and architectural drawings according to BNBC-2020. But no e-application was reported in the ECP website as of June 30, 2023. Only 158 numbers of Project Owners, 111 numbers of Architects and 50 numbers of Structural Engineers have been registered so far. URP-RAJUK is planning to include the full zone-3 and zone-4 in the new ECPS system to active the Application System, Plan Checking and Construction Monitoring System through the online web-portal.

RTI & DohaTec, the developer, has organized a training workshop titled "Testing on the Electronic Construction Permitting System (ECPS) with Real Data" for Assistant Authorized Officers (AAO), Authorized Officers (AO), Deputy Town Planners (DTP), Town Planners (TP), and Building Inspectors on January 5, 2023, at PIU-RAJUK before the piloting process begins. The training session had several attendees from different zones and sub-zones of RAJUK jurisdictions.

**Sub-component C-3** was designed to improve the professional competency and ethical standards of practice of professional engineers, architects, planners, and other construction professionals. In this reporting quarter no significant progress took place. BUET authority conducted the written exam for Structural Engineers in November 2022. Only 124 of the 336 candidates who appeared at the exam were qualified as passed. Finally, on 10 May 2023, the International Code Council (ICC) awarded certificates of recognition to each of the 124 successful SEng applicants for their outstanding achievement in the exam. *However, the question persists: have these engineers been recognized by government-approved agencies like BPERB, which have the mandate and authority to provide accreditation?* Meanwhile, the preparation, submission, and approval of the PAP Design Report, Pilot Testing Design Report, and Sustainability Reports have been completed.

**Sub-component C-4** includes activities to build the capacities and administrative structure of RAJUK to implement and enforce the Bangladesh National Building Code (BNBC), as well as the provisions of the Structural Plans and Detailed Area Plans (DAPs).

In the reporting quarter the main accomplishment was the approval of the Monitoring and Evaluation Report. Preparation of Annual Program Evaluation Report is ongoing which was programmed to be submitted by April 2023.

In the reporting quarter the Monitoring and Evaluation Report and the Education and Outreach Campaign Report were reviewed, revised and approved. Work on preparation of Annual Program Evaluation Report is ongoing which was programmed to be submitted by August 30, 2023.

**As of June 2023, the cumulative financial progress of RAJUK is 84.59%.** RAJUK spent 45,394.35 Lac taka within its total approved cost of 53,665 Lac taka.

## PCMU and Component D (Project Coordination, Monitoring and Evaluation)

**Component D (Project Coordination, Monitoring and Evaluation)** is implemented by PCMU, which manages the work of the M&E team. The Project Coordination and Monitoring Unit (PCMU) is primarily responsible for the project's coordination, monitoring and evaluation. The M&E team is responsible for monitoring compliance with the World Bank's applicable safeguard & fiduciary requirements, preparing Quarterly Progress Reports, Annual Reports, end-of-project report and conducting an independent mid-term review.

The much-awaited 3<sup>rd</sup> amendment of RDPP of the URP PCMU part has been approved from the ECNEC on March 12, 2023. Followed by the DPP approval the contract with M&E consulting firm and the manpower outsourcing firm was extended.

As a continuous process, the M&E team submitted the 17<sup>th</sup> QPR with 4<sup>th</sup> APR, 18<sup>th</sup> QPR and 19<sup>th</sup> QPR. PCMU organized four Project Steering Committee (PSC) meetings and four Project Implementation Committee (PIC) meetings to review the progress of the project. The M&E team briefed the project updates and conducted PowerPoint presentation for all those meetings.

**As of June 2023, the cumulative financial progress of PCMU is 92.81%.** PCMU spent 3,049.97 Lac taka within its total approved cost of 3,286 Lac taka.

## II. Challenges

Most of the challenges remain unchanged from the last couple of quarters. Considering the nature of the project, the challenges and recommendations are quite identical for URP.

**In last year of the reporting year the most significant challenges faced by the Monitoring and Evaluation team is the continuation of the M&E function for the Urban Resilience Project under component D.** This challenge arises when the contract of the M&E team was expired with the planning commission in April 2022. The regular M&E work was disrupted, the M&E team had limited movement to the field with inadequate resources and consultants having no operational budget to conduct the Monitoring, Evaluation, Reporting and Verification activities (MERV) for the project. This had happened for the lengthy and delayed review and approval process of the RDPP for component D which was submitted for approval in February 2022. Later, on March 12, 2023, the DPP of the component D was finally approved with a duration from May 2022 to October 2023 by the Executive Committee of the National Economic Council (ECNEC). With this approval the year-round challenge was neutralised, and the contract was extended with the M&E team on June 12, 2023.

The **construction progress of the URU building is behind its original schedule.** Due to the recent global supply chain interruption and Letter of Credits (LC) opening issues from concerned Banks, the import of URU building materials was disrupted. Considering the progress reported it is estimated that the construction of 10 storey (with 2 basements) URU building and the 4-storey laboratory building (W-1) persists as a challenge to complete within the present duration of the project period. The field visit monitoring data indicates that the construction progress is nearly 60% which is already moving behind schedule.

In regard to **URU operationalization**, it was appeared that no significant progress or concrete decisions were made as an outcome towards the institutionalization pathway. Considering the progress of last couple of years, it seemed that URU institutionalization will remain a challenging task for the RAJUK PIU within present project duration.

The **Electronic Construction Permitting (ECP)** System was launched on last September 2021. Although the Piloting process of the ECP has been announced in two sub-zones, but

it will remain a challenge to fully activation of the system within the existing project duration. Besides, O&M period for this service is scheduled for two years, i.e., the consulting firm will provide necessary supports after launching of the system up to September 2023. So, the ECP system is probably facing a significant challenge of ending its O&M period before starting/activation of the system unless the institutional arrangement is ensured in a timely manner and extend its operation and maintenance period.

Under **the vulnerability assessment (B-1)** of critical and essential lifelines and structures; within 3252 buildings, PEA conducted for 579 buildings, DEA completed for 229 buildings and depending on the risks associated in the study retrofitting suggested for 187 buildings and 42 buildings were suggested to demolish. But the challenges arise with the implementation of these suggestion, and the responsibility of the appropriate agency/body of the government who will conduct this retrofitting and demolition work.

In the DNCC part under subcomponent A-4, **procurement of the Rescue boats along with two new package** to purchase Surveillance System for EOC is challenging and will not be possible to complete within October 2023.

The M&E team reported earlier that the previous TED Program (with REM/DTCL) had been postponed in mid-March of year (2020). The contract with the consultant team of REM/DTCL was ended on November 18, 2020, **but the final financial payments was not yet settled** with REM and DTCL JV.

Under URP, a large number of ECT suits with VHF, UHF, HF terminals, DMR network and Search & Rescue (SAR) Equipment are purchased. Facilities created like Command-and-Control Centre, Emergency Operation Centre (EOC), Warehouses, DRM office, Zonal control room, Urban Resilience Unit (URU). Most of this equipment and facilities are handed over to the concerned agencies. But it was observed that periodic **Operation and Maintenance (O&M) for this equipment is a major challenge**. The agencies don't have sufficient budget to carry out the O&M and sometimes they don't even have sufficient space to house this expensive equipment. The sustainability of the project largely depends on the appropriate O&M of the equipment and training for the personnel who will operate and maintain this equipment.

**The long-term viability of the Project largely depends on implementing of an appropriate sustainability plan for all implementing agencies.** The M&E team reiterates the need for Sustainability Plans from each of the four implementing agencies (IAs) to be coordinated by PCMU so that a comprehensive Sustainability Plan for the entire URP can be developed with budgets.

### III.Recommendations and Conclusions

For RAJUK, the **URU construction** work is still behind its schedule. We recommend that RAJUK needs to effectively follow up with the civil contractor (China State Construction Engineering Corporation Ltd.) and its local part and closely monitor and ensure the construction of the URU (both the W1 and S-11) to be completed by its scheduled duration. The M&E team also recommends that the **URU institutionalization strategy be finalised and approved by RAJUK authorities and relevant Government ministries.**

**Therefore, we strongly recommend that RAJUK needs to start the operation of the ECPS immediately.** So, it is also recommended that RAJUK close the previous ECPS within December 2023 and extends the O&M period of the newly developed ECPS under URP in order to run the newly developed ECPS flawlessly.

**Under sub-component B-1, it is recommended that the retrofitting and demolition work proposed needs to be implemented in the soonest possible time.** This will save the human lives and the national structures and resources.

It is also proposed that DNCC conduct close monitoring of the pending and ongoing activities mentioned in the challenge section for successful completion.

Settlement of the financial dispute with the REM-DTCL under DDM part is a long pending issue. While the new TED program is ongoing the **M&E team recommends to settling the financial disputes with previous contractors at the earliest possible time.**

The M&E team by far assessed all the remaining tasks for all the implementing agencies including RAJUK, DDM, and DNCC. It is evident that these tasks can't be possible to complete within the existing project period. **So, based on the new timeline and work plan assessed from the agencies we recommend that the World Bank extends the URP implementation period up to June 2024 to effectively and successfully completion of the 1<sup>st</sup> phase of the Urban Resilience Project.**

**It is highly recommended that all implementing agencies keep the M&E team better informed of upcoming events being held by itself or their sub-partners with more advance notification of validation meetings, training sessions, workshops, etc.** With this information, senior managers/ decision-makers can more accurately assess the current situation and make better decisions to guide the project toward a successful conclusion.

# CHAPTER 1

## Background

### 1.1 Introduction

This document is the 21<sup>st</sup> in a series of Quarterly Progress Report (QPR) and 5<sup>th</sup> Annual Progress Report prepared by the Monitoring and Evaluation (M&E) Consultants. This is in accordance with the Terms of Reference (TOR) with the Project Coordination and Monitoring Unit (PCMU) of the Planning Commission, Ministry of Planning for the Bangladesh Urban Resilience Project (URP). This report provides detailed information on the implementation status and progress of the URP between July 1<sup>st</sup> 2022 to June 30<sup>th</sup>, 2023.

### 1.2 Purpose of the Annual Progress Reports (QPR)

As defined under Deliverable 2.1 (Consolidated Project Progress Reports) of the Terms of Reference (TORs) for the M&E Consultants, there are several purposes of the QPRs. These are as follows:

- Prepare three quarterly progress reports at the end of each quarter, and one annual progress report at the end of 4<sup>th</sup> quarter in each fiscal year, that provide detailed updates on URP implementation progress.
- Independently report on progress made by all four implementing agencies (IAs) in terms of expenditures or inputs, activities conducted, and outputs achieved that help make progress toward the Project's desired outcomes and objectives (i.e., the PDO).
- Identify all URP works completed in the last three months, provide a rolling cumulative list of URP works completed in the current fiscal year, and provide an outlook of works expected to be completed in the next six months.
- Address any emergent governance risks as well as provide implementation compliance information regarding the Environmental and Social Safeguards, as applicable.
- Provide recommendations for any necessary corrective actions to IAs, or changes in the Project's scope, interventions, or processes in order to maintain satisfactory progress and disbursements against established targets and work plans.

### 1.3 Methodological Approach taken in preparing APR.

The M&E Team's methodological approach to preparing this 21<sup>st</sup> Quarterly Progress Report and 5<sup>th</sup> APR remains identical to the approach used for all previously completed APR and QPRs. Our liaisons or "point-of-contact" person for each IA continues to use the Monitoring Status Reports (MSR) an extended version of the Key Agreed Actions (KAAs) and Procurement Packages (PP) Tracking formats to collect data on the financial and "physical" status and progress made on required activities and outputs.

Once collected, the monitoring data is then analysed by our staff, and organized and presented in QPRs and APRs to inform and assist PDs and other Project stakeholders on the progress that has been made in the last reporting quarters. In addition, as required by our TORs, we report on the future progress that we expect will occur in the next three (3) months. We also use

these APRs/QPRs to alert decision-makers of any areas of concern, such as certain activities or outputs that are not making sufficient progress, and to make recommendations about what actions might be taken to remedy or correct those concerns.

Our aspiration was to gather this information from each IA in a timely and comprehensive manner as quickly after the end of each quarter as possible so that we can analyse the information collected. That aspiration has been realized to a large extent as the exchange of information is flowing more fluidly now, and collaborative working relations have continued to improve. We would still like to see even more interaction and communication with all implementing agencies and other stakeholders, including the World Bank, as well.

## CHAPTER 2 Progress Report for 21<sup>st</sup> Quarter (April-June 23) of URP

The following section presents the status and progress of each of the implementing agencies (IAs) comprehensively first, and then individually for each Project sub-component starting with sub-component A-1 and continuing through to Component D. This summary of our findings is based on the M&E team's monitoring activities conducted throughout the quarter of all "Key Agreed Actions" (KAAs) designated by the World Bank, as well as our own more-detailed "milestones" that we track of the applicable activities and deliverables that were expected to be completed in the 2<sup>nd</sup> quarter of FY2022-2023.

The M&E team has been tracking a total of 84 active milestones in the last reporting quarter. Of those active milestones, we found that 15 were "completed on-time," and 9 were "completed late." In addition, 29 milestones were "due, but still on-going," and another 12 milestones were "due, but [had made] no progress." Furthermore, 18 milestones were not due until the next quarter (1<sup>st</sup> quarter of FY 2023-24). Thus, subtracting the 18 "inactive" milestones, out of the 66 applicable milestones, 24 (36%) had been completed. The great majority of 29 milestones (44%) were "due, but still on-going." Finally, 12 milestones, or 18%, were "due, but had made no progress."

**Table 2.0** below provides decision-makers with a quick summary of our monitoring results for all four components and 13 sub-components of the Project.

**Table 2.0: Quarterly Summary of Status and Progress of URP (April -June, 2023)**

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
<b>A1 (DDM)</b> Renovate and equip ERCC & NDMRTI	0	2	0	0	0	0	2
<b>A2 (DNCC)</b> Renovation and Outfitting of City Corporation and FSCD ER facilities	0	1	0	0	2	0	3
<b>A3 (DNCC)</b> Specialized ECT Equipment Procured	0	3	0	9	0	0	12
<b>A4 (DNCC)</b> Procurement of Search & Rescue equipment	0	0	0	1	0	0	1
<b>A5 (DDM)</b> Multi-Agency Training, Exercises & Drills Program	11	0	0	2	0	4	17



Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
<b>B1 (RAJUK)</b> Vulnerability assessment of critical and essential facilities and lifelines	0	0	0	0	0	0	0
<b>B2 (RAJUK)</b> Risk sensitive land use planning practice	0	0	0	0	0	0	0
<b>C1 (RAJUK)</b> Create and operationalize the Urban Resilience Unit	0	0	0	1	5	0	6
<b>C2 (RAJUK)</b> Establish an Electronic Construction Permitting System	0	0	0	0	0	1	1
<b>C3 (RAJUK)</b> Set Up a Professional Accreditation Program	0	3	0	6	0	0	9
<b>C4 (RAJUK)</b> Improve Building Code (BNBC) Enforcement	0	0	0	3	0	0	3
<b>URU Building (RAJUK)</b> with Lab equipment	0	0	1	6	5	1	13
<b>D (PCMU)</b> Project Coordination, Monitoring and Evaluation	4	0	0	1	0	12	17
<b>Total</b>	<b>15</b>	<b>9</b>	<b>1</b>	<b>29</b>	<b>12</b>	<b>18</b>	<b>84</b>

Source: Milestone Status Reports/Data Collection Forms for 19<sup>th</sup> Quarter of 2<sup>nd</sup> quarter of FY 2022-23.

## 2.1 Component A: Reinforcing the Country's Emergency Management Response Capacity

Component A is implemented jointly by the Dhaka North City Corporation (DNCC) on behalf of itself, Dhaka South CC, Sylhet CC, and FSCD, and by the Department of Disaster Management (DDM). DDM is responsible for completing Sub-components A-1 and A-5, while DNCC is responsible for implementing Sub-components A-2, A-3, and A-4. These sub-components are summarized in order briefly below:

**Sub-component A-1:** to renovate spaces on several floors of the DDM building for the installation of the Emergency Response and Communication Centre (ERCC) and the National Disaster Management Research and Training Institute (NDMRTI).

**Sub-component A-2:** to build or renovation and equip more than two dozen of local-level Dhaka North, Dhaka South, and Sylhet city corporations' (DNCC, DSCC & SCC) and Fire Service and Civil Defence's (FSCD) emergency response facilities in Dhaka and Sylhet.

## Progress Report for 21st Quarter (April-June 23) of URP

**Sub-component A-3:** to procure, distribute, and install specialized emergency communications technology (ECT) equipment for DNCC, DSCC, SCC, and FSCD.

**Sub-component A-4:** to procure and distribute specialized search and rescue (SAR) equipment for DNCC, DSCC, SCC, and FSCD.

**Sub-component A-5:** to provide training, exercises, and drills (TED) services to national-level and local-level agencies involved in disaster risk management.

### ❖ Sub-Component A-1: Renovation and Outfitting of Building for ERCC and NDMRTI

Under this Subcomponent A-1: DDM is responsible to renovate spaces on several floors of the DDM building for the establishment of the Emergency Response and Communication Centre (ERCC) and the National Disaster Management Research and Training Institute (NDMRTI).

There are a total of 27 milestones under **Sub-component A-1**. Among these 27, following two (2) were applicable in this reporting period (Q4, FY 22-23).

**Table 2.1: Quarterly Totals for URP Sub-component A-1**

Completed on time	Completed late	On- going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
0	2	0	0	0	0	2

Source: Milestone Status Reports/Data Collection Forms for 4th Quarter of FY 2022-23.

#### ➤ Completed Late: (2)

1. Completion of works for Consultancy Service for Design and Supervision-Substation at DDM (S-4.4). -due date was December 30, 2022. – Completed on June 15, 2023 - **5 months late**.
2. Completion of works for Substation (W-1-Lot-3); the due date was December 30, 2022– Completed on June 15, 2023 - **5 months late**.

### Main Accomplishments and Non-accomplishments

Under this subcomponent **A-1**: DDM is responsible to renovate spaces on several floors of the DDM building for the establishment of the Emergency Response and Communication Centre (ERCC) and the National Disaster Management Research and Training Institute (NDMRTI).

It has been reported in the quarterly progress reports that those renovation activities were completed in the previous reported quarters. No significant activities remaining from DDM part under this sub-component except the new provision of the procurement and installation of a substation for ERCC. As of this reporting period substation installation work also completed.

The substation installation and the cable connection work also completed. DDM submitted the demand note and applied for electricity connection to DESCO.

#### 3-month projection

Remaining work- Permission from DESCO for required electricity Supply.

### ❖ Sub-component A-2: Renovation and Outfitting of City Corporation and FSCD DRM facilities.

Under **Sub-Component A-2**, DNCC is responsible for building, renovating, and outfitting local-level City Corporation (DNCC, DSCC, and SCC) and FSCD DRM facilities in Dhaka and Sylhet. There are a total 33 milestones under Sub-component A-2, among those three (3) are applicable in this reporting period (Q4, FY 22-23), one (1) milestone was “completed late” and remaining two (2) milestones are due.

**Table 2.2: Quarterly Totals for URP Sub-component A-2**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	1	0	0	2	0	3

Source: Milestone Status Reports/Data Collection Forms for 4<sup>th</sup> Quarter of FY 2022-23.

#### ➤ Completed late: (1)

1. Construction of Greenfield Tower (10 Tower) for FSCD (W-2.5). Actual date of completion was January 28, 2022. **(Done on April 6, 2023- 14 months late)**

#### ➤ Due but no progress: (2)

1. Submission of EIA report for Greenfield tower including social safeguard screening report); the due date was June 30, 2022 –currently, **12 months late.**
2. Submission of EMP report for Greenfield tower including social safeguard screening report for DNCC, DNCC, SCC and FSCD); the due date was June 30, 2022 –currently, **12 months late.**

### Main Accomplishments and Non-accomplishments under Sub-Component A-2

All procurement works under subcomponent A-2 was previously completed and in this reporting period the construction of remaining 1 Green Field towers for FSCD is also completed. Within this completion all 18 green field towers of FSCD, DNCC, DSCC and SCC are completed.

#### 3-month projection

Still the due milestones remain the submission of EIA and EMP reports for the Greenfield tower construction.

### ❖ Sub-Component A-3: Specialized ECT Equipment Procured

Under **Sub-Component A-3**, the M&E team is tracking a total of 102 milestones. of which 12 milestones are applicable for the reporting period Q4 (FY 2022-2023). Among these 12 milestones, three (3) milestone were “completed late” and nine (9) were “due, but on-going” as shown below in Table 2.3.

**Table 2.3: Quarterly Totals for URP Sub-component A-3: procurement of ECT Equipment**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	3	0	9	0	0	12

Source: Milestone Status Reports/Data Collection Forms for 4<sup>th</sup> Quarter of FY 2022-23.

#### ➤ Completed late: (3)

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1. Installation of specialized ICT equipment (DMR network and related installations- VHF) for FSCD (G-1.8); actual date of completion June 30, 2021. **(Done-April 20, 2023).**
2. Tender floated of Procurement of ICT Equipment for Surveillance System in Emergency Operation Centre (EOC) at DNCC, DSCC and SCC (G-1.20). **(Done- 2<sup>nd</sup> Tender on May 11, 2023)**
3. Consulting Services for construction Supervision of Green Field Tower under DNCC, DSCC, SCC and FSCD. (S-1.14): actual date of completion- March 12, 2022. **(Done-May 30, 2023).**

➤ **Due, but on-going: (9)**

1. Installation of specialized ICT equipment (Lot-01: DMR network, UHF radio terminals and related installations for SCC (G-1.4); the due date was June 30, 2021 –currently, **21 months late.**
2. Installation of specialized ICT equipment (DMR network and related installations UHF) for DNCC (G-1.9); the due date was June 30, 2021 –currently, **21 months late.**
3. Delivery of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15); the due date was April 30, 2022 –currently, **11 months late.**
4. Installation of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15); the due date was April 30, 2022 –currently, **11 months late.**
5. Delivery of ICT Equipment for Emergency Operation Centre (EOC) at DSCC and SCC (G-1.18); the due date was March 27, 2022 –currently, **12 months late.**
6. Installation of ICT Equipment for Emergency Operation Centre (EOC) at DSCC and SCC (G-1.18); the due date was April 27, 2022 –currently, **12 months late.**
7. Delivery of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was March 27, 2022 –currently, **12 months late.**
8. Installation of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was April 27, 2022 –currently, **12 months late.**
9. Completion of Tender evaluation of Procurement of ICT Equipment for Surveillance System in Emergency Operation Centre (EOC) at DNCC, DSCC and SCC (G-1.20). the due date was April 15, 2023 –currently, **2 months late.**

### **Main Accomplishments and Non-accomplishments in Q4 (FY 2022-23)**

Under **Sub-Component A-3**, Installation of specialized ICT equipment (112 DMR network and related installations- VHF) for FSCD (G-1.8) were completed. Installation of UHF radio equipment for 13 stations were completed and 3 more ongoing out of 16 stations for SCC & DNCC (G-1.4 &1.9).

ICT Equipment delivery and installation for EOC of DNCC (G-1.14) & DSCC (G-1.18) were completed. ICT Equipment delivery for DDM-EOC (G-1.15), SCC-EOC (G-1.18), & FSCD's CCR (G-1.19) were mostly done.

The Hon'ble Mayor of the DSCC inaugurated the EOC on June 26, 2023. ICT installations are still ongoing for EOC of SCC, ERCC of DNCC & CCRs of FSCD.

Tender floated to procure the surveillance System of the Emergency Operation Center (EOC)s of DNCC, DSCC and SCC (G-1.20) on 9 February were cancelled. Subsequently the 2<sup>nd</sup> Tender floated on 11 May 2023. Tender evaluation is now on-going.

### ❖ Sub-Component A-4: Specialized Search and Rescue (SAR) Equipment Procured

Under Sub-Component A-4, the M&E team is tracking a total of 38 milestones. Of which one (1) milestone is applicable for the reporting period Q4 (FY 2022-2023) which has been “due, but on-going” for long time as shown below in Table 2.4.

**Table 2.4: Quarterly Totals for Sub-component A-4**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	0	0	1	0	0	1

Source: Milestone Status Reports/Data Collection Forms for 4<sup>th</sup> Quarter of FY 2022-23.

#### ➤ Due, but on-going: (1)

1. Re-Tender evaluation of Procurement of Search and Rescue Equipment (Rescue Boat).

### Major Accomplishments and Non-accomplishments in the Q4 (FY 2022-23)

The delivery of much awaited Rescue Boat was cancelled since the supplier couldn't deliver this within their extended scheduled period. This package was re-tendered 3<sup>rd</sup> time on 9 February 2023 again to complete the procurement, but appropriate bidder was not found. Later, on March 27, 2023, the package was retendered for the 4<sup>th</sup> time. The tender evaluation is ongoing in this reporting period. **Procurement of rescue boat is delayed for 30 months.**

### 3-month projection

After successful evaluation if a bidder is finally selected this time, to complete the rest of the work i.e., contract sign, issuance of work, opening the letter of credit and finally delivery of the boat would take a certain time and that will not be completed within the existing project period of October 2023. Besides the URP-DNCC part was not yet extended along with other URP components beyond October 2023. So, the signing of the contract and decision to place the work order is currently dependent on the extension of URP DNCC part.

### ❖ Sub-Component A-5: Multi-Agency Training, Exercises & Drills (TED) Program

DDM is responsible to provide training, exercises, and drills (TED) services to national-level and local-level agencies involved in disaster risk management. The M&E Team is tracking a total of 95 milestones. The total target of training, workshops and drills are 53 under the TED program with UNDP. Among these, 17 milestone were applicable for this reporting period (Q4, FY 22-23). Of which eleven (11) milestone were “Complete on time,” (2) milestone was “Due, but on-going,” and remaining Four (4) milestone are targeted to be completed by next Quarter (Q1-FY 2023-2024).

**Table 2.5: Quarterly Totals for URP Sub-component A-5: TED Program**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
11	0	0	2	0	4	17

Source: Milestone Status Reports/Data Collection Forms for 4<sup>th</sup> Quarter of FY 2022-23.

#### ➤ Completed on time: (11)

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1. “Procurement of Specialized ICT Equipment (Lot-01: i. DMR Network & ii. UHF Radio Terminals and Related Installations) for SCC” (Package 1.4).
2. The IAEM mock test (online).
3. “Procurement of Specialized ICT Equipment (DMR [Digital Mobile Radio] Network and Related Installation-VHF) for FSCD” (package 1.8).
4. Progress Review Workshop and Consultation meeting.
5. TED Progress Meeting RIG Cluster (UNDP).
6. IAEM Mock test 2.
7. Supply of Specialized Search and Rescue Equipment (Water Rescue) for FSCD” (Package 2.2).
8. Preliminary Self-assessment of FSCD's capacity to form a USAR Light Team as per INSARAG Guideline\_ (TED).
9. 3<sup>rd</sup> IAEM mock test.
10. Supply of Specialized Search and Rescue Equipment (Emergency Tenders) for FSCD” (Package 2.1).
11. MOCK test- 4 and Residential Workshop on IAEM Registration & Preparation.

➤ **Due, but on-going: (2)**

1. Pre-Hospital Care (INSARAG) -Part 2 The IAEM mock test (online).
2. Search and Rescue (INSARAG).

### 3-month projection

Following 4 milestones which are expected to be completed this quarter (Q1 of FY 2023-24). These include:

1. “Procurement of HazMat (Hazardous Materials) Tender for FSCD” (Package 2.10).
2. Search and Rescue (INSARAG).
3. Hazmat -INSARAG (1st day travel day).
4. Pre-Hospital Care (INSARAG)-Part 1.

## 2.2 Component B: Vulnerability Assessment of Critical and Essential Facilities (RAJUK)

The objective of this component is to develop the consensus-driven analytical foundation required for longer-term investments and to reduce risk in the built environment of Dhaka, Sylhet and other cities in Bangladesh. Major two activities of this component are (i) an assessment of the vulnerability of the built environment in greater Dhaka to earthquakes and other major hazards, focusing on essential and critical facilities and infrastructure. The assessment will establish the patterns of vulnerability of the cities, understand the hotspots, and serve as a basis for a long-term vulnerability reduction in greater Dhaka; and (ii) the development of risk-sensitive land use planning as a practice in Bangladesh. This will be informed by an understanding of the hazards, vulnerability and risk facing urban centers, and by clearly stated consensus driven DRR objectives and policies.

RAJUK (*Rajdhani Unnayan Kartripakkha* or the Capital Development Authority in English) is the sole implementing agency for both sub-components of Component B of the URP. The two sub-components are being carried out by the same consulting group led by NKY Architects and Engineers as the prime contractor. Both sub-components B-1 and B-2 are intended to use and build upon previous work done under the Bangladesh Urban Earthquake Resilience Project (BUERP) and the Comprehensive Disaster Management Program (CDMP).

The two sub-components are:

**B-1:** Conducting a vulnerability assessment (**VA**) of critical and essential facilities; and

**B-2:** Supporting the development of risk-sensitive land use planning (**RSLUP**) practices in Dhaka.



**Table 2.6: Quarterly Totals for Component B: Vulnerability Assessments of Critical and Essential Facilities in Dhaka (RAJUK)**

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month Projection	Sub-total
B1	0	0	0	0	0	0	0
B2	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

❖ Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-2023.

### ❖ Sub-Component B-1: Vulnerability Assessment of Critical and Essential Facilities and Lifelines

The scope of work for the Vulnerability Assessment **under Sub-component B-1** is focused on two activities:

- (i) A two-year effort to assess the vulnerability and risks from floods and earthquakes of over 2,100 schools, nearly 500 hospitals, 60 police and alpha fire stations, government buildings and other key public facilities in the greater metro area of Dhaka, and
- (ii) A long-term vulnerability reduction investment plan of prioritized existing buildings for retrofitting and rehabilitation. This investment plan will serve as a key input to developing a long-term Dhaka Urban Resilience Strategy and Investment Plan.

There is a total of 59 milestones being tracked under Sub-component B-1, of which none was applicable during this last reporting period (4<sup>th</sup> quarter FY2022-23) since all anticipated tasks were completed in the past quarter and no tasks are due.

**Table 2.7: Status of Sub-component B-1 (RAJUK): Vulnerability Assessment of Critical and Essential Facilities**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 months projection	Total
0	0	0	0	0	0	0

Source: Milestone Status Reports/Data Collection Forms for 20<sup>th</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-23.

### Major Accomplishments and Non-accomplishments

At this moment no other activities left under this sub-component. However, PIU-RAJUK part needs to take the required actions in order to move forward with the physical work proposed for the assessed buildings (187 numbers for retrofitting) subject to the approval of the next phase of URP.

### ❖ Sub-Component B-2: Risk-Sensitive Land-Use Planning (RSLUP) System

There are a total of 46 milestones were tracked under Sub-component B-2. Of which, none was applicable in the last reporting cycle (4<sup>th</sup> quarter FY2022-23) as all planned tasks were completed in earlier period.

**Table 2.8: Status of Sub-component B-2 (RAJUK): Risk-Sensitive Land-Use Planning (RSLUP) System**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 months projection	Total
0	0	0	0	0	0	0

Source: Milestone Status Reports/Data Collection Forms for 20<sup>th</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-23.



## 2.3 Component C: Improved Construction, Urban Planning and Development

RAJUK is the implementing agency for the four (4) sub-components under Component C of the URP plus the construction of the new building for its Urban Resilience Unit (URU). These sub-components include the:

- ✓ Creation and operationalization of the Urban Resilience Unit (URU) in RAJUK (C1).
- ✓ Establishment of an electronic construction permitting (e-permitting) system (C2).
- ✓ A professional accreditation program for engineers, architects, and planners (C3).
- ✓ Improved building code enforcement within RAJUK 's jurisdiction (C4); and
- ✓ Design and construction of a new building to house the URU's staff and operations.

**Table 2.9: Summary Table of Milestone Totals for Component C plus URU building**

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month Projection	Sub-total
C1	0	0	0	1	5	0	6
C2	0	0	0	0	0	1	1
C3	0	3	0	6	0	0	9
C4	0	0	0	3	0	0	3
URU	0	0	1	6	5	1	13
<b>Total</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>16</b>	<b>10</b>	<b>2</b>	<b>32</b>

Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-2023.

### ❖ Sub-Component C-1 (Create and Operationalize an Urban Resilience Unit (URU))

Under this sub-component, the M&E team is tracking 34 milestones, of which, 6 were active in the last quarter (3<sup>rd</sup> quarter FY2022-23). Of these six (6) milestones, one (1) was “Due, but on-going,” and five (5) were “Due, but [had made] no progress” were targeted to be completed by September 30, 2023.

**Table 2.9.1: Status of Sub-component C-1 (RAJUK): Create and Operationalize an Urban Resilience Unit (URU).**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month projection	Total
0	0	0	1	5	0	6

Source: Milestone Status Reports/Data Collection Forms for 20<sup>th</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-23.

#### ➤ Due, but on-going: (1)

1. Reviewed, Revised and Approved proposal of URU by the ministry (MoHPW); the **due date was March 1, 2022** –currently, **15 months late**.

#### ➤ Due, but no progress: (5)

1. Submit formal proposal of URU to the Ministry of Finance (MoF) and Ministry Public Administration (MoPA) from Ministry of Housing and Public Works (MoHPW); the **due date was February 10, 2023** –currently, **5 months late**.
2. Approve proposal of URU from the Ministry of Finance (MoF) and Ministry Public Administration (MoPA); the **due date was March 10, 2023** –currently, **4 months late**.
3. Submit formal proposal of URU to the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA) from ministry of Housing and Public Works (MoHPW); the **due date was February 10, 2023** –currently, **5 months late**.

4. Approval of the proposal of URU from the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA); the **due date was March 10, 2023** –currently, **4 months late**.
5. Submit formal proposal of URU to Cabinet from ministry of Housing and Public Works (MoHPW); the **due date was March 16, 2023** –currently, **4 months late**.

### Major Accomplishments and Non-accomplishments

Under **Sub-component C-1**, the PIU worked on sorting and verifying all of the paperwork and procedures that will be necessary to develop and get ministry clearance in order to make the Urban Resilience Unit (URU) effective. Additionally, PIU is continuing its regular correspondence with the Ministry of Housing and Public Works (MoHPW) as an effort to convince them of the formal proposal of URU. The consultants have completed all the tasks (Situation Analysis and Feasibility Report, Institutional Design and Organizational Study-IDOS Report, Community Outreach Campaign Report, URU Training Materials and Documentation, Capacity Building Program Report and URU Staff Training Report, Monitoring and Evaluation Report as well as Final Report) they are supposed to do.

The URU institutionalization proposal was sent from RAJUK PIU to RAJUK head office on December 3, 2021. After necessary review, it has been sent to the Ministry of Housing and Public Works (MoHPWs) on December 8, 2021. A meeting for review the progress of the URP-RAJUK part has been held on December 20, 2021, between RAJUK and MoHPWs. Several quarries came out from the meeting while PIU-RAJUK has been asked to answer those quarries and resubmit the proposal. Several review and revision procedures have been carried out.



A Progress Review Meeting for the URP-Rajuk part was held amongst key stakeholders under directions of the minister of MoHPW on March 15, 2023,

**The subsequent approval process has been on hold for a long time since December 2021, and there was no sign of progress review until March 2023.**

Later, after several review and revision, subsequent progress review meeting of URP-RAJUK part was held with the ministry on March 15, 2023. Following that meeting, additional comments and queries surfaced. PIU-RAJUK is currently reviewing and revising the proposal.

### 3-month forecast:

As one (1) milestone is still “Due, but on-going”, and five (5) milestones are “Due, but [had made] no progress” those six (6) milestones are programmed to be completed in the 1<sup>st</sup> quarter of FY 2023-24.

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According to the information of the RAJUK-PIU, after vetting and validation, the ministry of MoHPWs will then send the proposal to the Finance & Public Administration Ministries. Then it will be sent to the Ministry of Law from MoHPWs for necessary legislative review and modification.

After getting all the necessary correction and verification, although it has been predicted that the proposal would be placed to the Cabinet Division from MoHPWs for final approval within September 2023, the M&E team anticipate based on previous trend of process with bureaucracy that within the approved project period of October 2023, the approval process of URU operationalization will not be possible.

### ❖ Sub-Component C-2: Establish an Electronic Construction Permitting System

Under this sub-component, the M&E team is tracking 25 milestones, of which two one (1) was active during the last reporting quarter and are targeted to be completed by June 30, 2023.

**Table 2.9.2: Status of Sub-component C-2 (RAJUK): Establish a Construction Electronic Permitting (e-permitting) System**

Completed On time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month projection	Sub-total
0	0	0	1	0	0	1

Source: Milestone Status Reports/Data Collection Forms for 20<sup>th</sup> Quarter of 3<sup>rd</sup> quarter of FY 2022-23.

#### ➤ Due, but no progress: (1)

1. Start the piloting of ECPS and O&M; the due date was March 10, 2022 –currently, 16 months late.

### Major Accomplishments and Non-accomplishments

In the most recent quarter, there was no notable task completed under **Sub-component C-2**. Earlier, PIU-RAJUK finalised the payment gateway of ECPS. Agreement was also signed for online fees collection between RAJUK, and designated banks. Since the payment gateway system of the Electronic Construction Permitting System (ECPS) has been finalized and MoU with Bank has already been signed, piloting of the system is expected to begin after formal approval from the Chairman of RAJUK.

RTI & DohaTec, the developer, has organized a training workshop titled "Testing on the Electronic Construction Permitting System (ECPS) with Real Data" for Assistant Authorized Officers (AAO), Authorized Officers (AO), Deputy Town Planners (DTP), Town Planners (TP), and Building Inspectors on January 5, 2023, at PIU-RAJUK before the piloting process begin. A number of participants were present at the training session from different zones and sub-zones of RAJUK jurisdictions.

ECP piloting was supposed to start on April 1, 2023, followed by an official announcement made by the RAJUK. An online web-portal (<https://ecps.gov.bd/>) has been launched for collection of documents to approve the Land-use clearance, Construction Permit, Special Project and Occupancy Certificate.



### 3-month forecast:

One (1) milestone i.e., to start the ECP piloting is still due and that was programmed to start within 21<sup>st</sup> quarter (4<sup>th</sup> Q FY 2022-2023). Since it was not started, it is predicted that the piloting may start in the 1<sup>st</sup> quarter of FY 2023-24.

As per the agreement, the consultant will provide the Operation and Maintenance support for two consecutive years up to September 2023 with the submission of an Operation and Maintenance Report after the maintenance period.

### ❖ Sub-Component C-3: Professional Accreditation Program

Under this sub-component, the M&E team is tracking 25 milestones; of which nine (9) were active during the last reporting quarter (4<sup>th</sup> quarter FY2022-23). Of those nine (9), three (3) milestones were “Completed late”, and six (6) milestone were “Due, but on-going,” and are expected to be completed by this quarter (1<sup>st</sup> Q of FY 2023-2024) September 30, 2023.

**Table 3.9.3: Status of Component C-3: Professional Accreditation Program**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month projection	Sub-total
0	3	0	6	0	0	9

Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-2023.

#### ➤ Completed late (2):

1. Submission of Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was December 31, 2022** – (Done on May 1, 2023).
2. Reviewed and revised Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was January 15, 2023** – (Done on June 6, 2023).
3. Approved Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was January 30, 2023** – (Done on June 12, 2023).

#### ➤ Due, but on-going (6):

1. Submission of Sustainability Report (MD-6); the **due date was January 31, 2023** – currently, **5 months late**.
2. Reviewed and revised Sustainability Report (MD-6); the **due date February 15, 2023** – currently, **4 months late**.
3. Approved Sustainability Report (MD-6); the **due date was February 28, 2023**—currently, **4 months late**.
4. Submission of Completion Report (MD-7); the **due date was February 28, 2023** – currently, **4 months late**.
5. Reviewed and revised Completion Report (MD-7); the **due date was March 15, 2023** – currently, **3 months late**.
6. Approved Completion Report (MD-7); the **due date was March 30, 2023** –currently, **3 months late**.

### Main Accomplishments or Non-accomplishments:

There were a few works completed under **Sub-component C-3** in the most recent quarter. Pilot Testing Design Report and online PAP Portal (MD-5) was submitted, reviewed & revised and approved within this quarter.



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Followed by the update of the 3<sup>rd</sup> quarter when 124 candidates eventually succeeded in passing the 12-hour SEng registration exam. Finally, on 10 May 2023, the International Code Council (ICC) awarded certificates of recognition to each of the 124 successful SEng applicants for their outstanding achievement in the exam.

Although, BPERB was supposed to organize the SEng Exam, due to their reluctance, IEB chose to conduct the SEng through ESCB. Considering the large number of applicants, ESCB reported that they would be unable to hold the exam and requested that BUET take over. BUET took the exam on November 10 and November 17, 2022, and delivered the score report to ESCB at the end of January 2023. In accordance with the decision of the 14th Coordination Meeting of the URP training program organized by Institution of Engineers, Bangladesh (IEB) held on March 9, 2023, the President of IEB called a meeting, formed a committee, named the Chairman of Bangladesh Professional Engineers Registration Board (BPERB) as its convenor, and declared that the committee would take control of the SEng registration process for the further decision regarding SEng registration.

**3-month Forecast:**

As six (6) milestones are still due, those six are expected to be completed this quarter (1<sup>st</sup> Q of FY 2023-2024).

❖ **Sub-Component C-4: Improved Enforcement of Building Code**

Under this sub-component, the M&E team is tracking 25 milestones, of which three (3) were active during the last reporting cycle (4<sup>th</sup> Q of FY 2022-2023). Among these, all the three (3) were “Due, but on-going”, and expected to be completed within the next quarter (by September 30, 2023).

**Table 3.9.4: Status of Sub-component C4: Improved Enforcement of Building Code**

Completed On time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month projection	Sub-total
0	0	0	3	0	0	3

Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-2023.

➤ **Due, but on-going (3):**

1. Submission of Annual Program Evaluation Report – last year and fulfilment of all other contractual obligations by consultant; **due date was February 28, 2023** –currently, **4 month late**.
2. Review and Revise Annual Program Evaluation Report – last year and fulfilment of all other contractual obligations by consultant; **due date was March 31, 2023** –currently, **3 month late**.
3. Approval of Annual Program Evaluation Report – last year and fulfillment of all other contractual obligations by consultant; **due date was April 30, 2023** –currently, **2 months late**.

**Main Accomplishments and Non-accomplishments**

Under **Sub-component C-4**, Followed by the update of 3<sup>rd</sup> quarter, In the reporting quarter, no significant progress has been found and no milestone has been achieved. The consultant is now working on preparation of Annual Program Evaluation Report which was programmed to be submitted by August 30, 2023.

**3-month Forecast:** As three (3) milestones are still due, those three are expected to be completed this quarter (1<sup>st</sup> Q of FY 2023-2024).

### ❖ URU Building: Design and Supervision of Construction

This set of milestones although not applicable to any specific sub-component under Component C, but rather is applicable across all six sub-components of Components B and C under RAJUK's responsibility. Therefore, the M&E team is tracking it as a separate 'line item' as it has distinct consulting firms and contractors working on it. It will involve a large number of activities and deliverables for the team to monitor and report on over the duration of the URP.

Under this 'activity,' the M&E team is tracking 108 milestones, among which 13 were active during this reporting quarter (4<sup>th</sup> Q of FY 2022-2023). Out of those 13, one (1) was "On-going", six (6) were "Due, but on-going," and five (5) were "Due, but [had made] no progress," and the due one (1) milestone is expected to be completed by September 30, 2023.

**Table 3.10: Status of Milestones to Design and Construct the URU Building**

Completed On time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month Projection	Sub-total
0	0	1	6	5	1	13

Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter of 4<sup>th</sup> quarter of FY 2022-2023.

➤ **On-going: (1):**

1. Monitoring of URU construction by the Consultancy Services for Design and Supervision of Urban Resilience Unit (URU); the **due date is June 30, 2023**.

➤ **Due, but on-going: (6):**

1. Erection of Steel frame for G-9F done (W-1); the due date December 8, 2021. –currently, **18 months late**.
2. Casting concrete of lift core and floor; the due date December 15, 2021. –currently, **18 months late**.
3. Secondary structure such as wall, plaster etc done; the due date January 9, 2022. – currently, **17 months late**.
4. Floor/false ceiling/external wall etc completed; the due date February 23, 2022. – currently, **16 months late**.
5. Generator/substation/lift/ and other MEP work done; the due date March 23, 2022–currently, **15 months late**.
6. Final Inspection Report and As-build drawings (1st phase upto 10th floor with laboratory building) ; the due date May 31, 2023–currently, **1 month late**.

➤ **Due, but no progress (5):**

1. Installation, training and closing of Seismic Lab Equipment for URU (G-12); the due date for completion was May 15, 2020. –currently, **35 months late**.
2. Installation, Training and Closing of CPT equipment for Exploration of RSLUP profiles on a 200 kN Truck (G-17); the due date was January 9, 2021. –currently, **29 months late**.
3. Windows and doors fixing done; the due date for completion was May 17, 2022–currently, **13 months late**.
4. Commissioning for Facilities; the due date for completion was May 14, 2022–currently, **13 months late**.
5. Site handover: the due date for completion was June 12, 2022–currently, **12 months late**.

### Major Accomplishments and Non-accomplishments

### Progress Report for 21st Quarter (April-June 23) of URP

Among the most important milestones or deliverables completed during the 4<sup>th</sup> quarter of FY 2022-2023 by RAJUK to construct the URU building were: (1) Erection of Steel frame for 5F-6F and Casting concrete of lift core and floor. (2) Finishing work of UTM room & Generator room and roof slab casting of Shake-table room of laboratory building.

The URU construction work is already moving behind schedule. Additionally, the ineffective labour management concerns are causing further delays and disruptions, making it doubtful that the entire project will be completed by the extended deadline by the end of the project period in October 2023.

On the other hand, the installation and training to use seismic lab equipment in the URU building (under G-12) and 200 KN Truck Mounted CPT Equipment for RSLUP (G-17) is also delayed for more than two years. The M&E team received a time-bound schedule (Annex-9) of the URU construction in August 2022 from PIU-RAJUK, where the handover date of the project was targeted in April 2023. Field visit data and verified information indicate that it will be challenging to complete the URU construction even within the existing project period i.e., by October 2023.



Under construction URU building

### 3-month Forecast:

As six (6) milestones are “due, but still on-going,” and more five (5) are “Due, but [had made] no progress,” those eleven (11) milestones are expected to be completed by the next quarter (1<sup>st</sup> quarter of FY 2023-2024). In addition, following one (1) more milestone was scheduled to be completed by September 30, 2023. Which is:

1. Project completion Report (Final Report).

## 2.4 Component D: Project Coordination, Monitoring and Evaluation

The Project Coordination and Monitoring Unit (PCMU) has primary responsibility for the following objectives to:

- Coordinate, monitor, and evaluate the activities of the URP to ensure its effective implementation.
- Develop effective methodologies in coordination with the implementing agencies to effectively implement the project.
- Support and facilitate management of sub-projects in the areas of procurement and financial management.
- Conduct regular quarterly and annual monitoring reports, as well as mid-term reviews and end-of-project evaluations.
- Conduct and manage strategic studies and other pilot projects, as needed; and



- Enhance the capacity of project officials through local and foreign training and study visits.

There are 73 milestones that the M&E team has been tracking as milestones for PCMU, among which seven (15) were active for 4<sup>th</sup> quarter of FY 2022-2023. Of these, four (4) milestones were “completed,” while one (1) milestone was found due in the reporting period that will be completed in the 4<sup>th</sup> quarter of FY 2022-2023.

**Table 2.11: Quarterly Totals for Component D: Project Coordination, Monitoring and Evaluation**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
4	0	0	1	0	10	15

Source: Milestone Status Reports/Data Collection Forms for 21<sup>st</sup> Quarter

- **Completed on-time (4)**

1. Conduction of the quarterly 21<sup>st</sup> PSC meetings- May 25, 2023
2. Conduction of the Project Implementation Committee Meeting on May 15, 2023
3. Conduction of the Project Implementation Committee Meeting on June 21, 2023
4. Contract signing with the M&E Consulting firm- June 12, 2023

- **Due, but on-going (1)**

1. Contract extension and modification for Internal Audit firm. due date- December 31, 2022

### Accomplishments and Non-accomplishments

The 21<sup>st</sup> Project Steering Committee (PSC) meeting of the project titled "Urban Resilience Project (URP) (PCMU Part)" was held on May 25, 2023, under the Chairmanship of Mr. Satyajit Karmaker, Secretary, Planning Division, Ministry of Planning. In this meeting project implementation update for DDM, DNCC, RAJUK and PCMU component was discussed. After detailed discussion it was decided that DDM and DNCC will send the request for ‘time extension (up to June 2024) with project revision proposal’ and RAJUK also send the request for ‘time extension (up to June 2024) with project revision proposal’ to the URP-PCMU followed by the PSC decisions of the concerned ministry. It was also decided that the PD-URP PCMU part will organise a meeting with the PDs of the DDM, DNCC, RAJUK in presence of the representative of the World Bank before the next PSC meeting takes place to discuss about the 2<sup>nd</sup> phase of Urban Resilience Project (URP) and to review the need for the additional manpower to continue their respective project part.

In this reporting period two (2) more Project Implementation Committee (PIC) meeting of the Urban Resilience Project (URP) (PCMU Part) was also held on May 15, 2023, and June 21<sup>st</sup>, 2023, under the Chairmanship of Mr. Khandker Ahsan Hossain, Chief (Additional Secretary), Programming Division and Convener of the Project Implementation Committee (PIC). These meetings mainly focused on the implementation progress of the decisions taken at the last PSC and PIC meetings. The Chair advised all PDs of the implementing agencies to complete the remain tasks within the approved time period of the project. It was decided that PCMU part will follow up with the ERD so that the official request for time extension of URP is sent to the World Bank as soon as possible. Each implementing agency (RAJUK, DDM and DNCC) was requested again to send request letter for time extension to URP: PCMU and upon receiving the letters PCMU part would send IMED/Sector Division of Planning Commission for no cost extension of all components up to June 2024.

Followed by the DPP (URP-PCMU part) approval from the ECNEC on March 12, 2023, the lead M&E Consulting firm (GOPA WorldWide GmbH) was asked to send the proposal for the M&E

**Progress Report for 21st Quarter (April-June 23) of URP**

contract extension. At the beginning, the lead M&E consulting firm - GOPA WorldWide *Gmbh* showed its intension not to continue the existing partnership with their local consortium Services Solution and International Ltd. (SSIL) and thus not to continue with the URP. Later the PD, URP-PCMU part arranged a multiparty virtual meeting with the GOPA WorldWide *Gmbh* and SSIL in presence of the representative of the World Bank. Later, the lead M&E consortium firm - GOPA WorldWide *Gmbh* signed the M&E contract with URP: PCMU part on June 12, 2023 to continue the consultancy services for Monitoring and Evaluation of Urban Resilience Project up to October 2023 as per the recommendation of the Proposal Evaluation Committee.

**3-month projection-10 (July- September 2023)**

Followed by the contract extension of the M&E consulting firm, the pending quarterly progress reports along with the mentioned tasks are planned to be completed within the ongoing quarter.

1. Server purchase, configuration, and Secure Sockets Layer (SSL) certified installation for PMIS - July 15, 2023
2. Restoration of the PMIS (Project Monitoring and Information System) and make it visible - July 18, 2023
3. URP website assessment, error checking, debugging, and resolving plugins issue-July 22, 2023
4. Revision of the PMIS user manual- August 30, 2023
5. Conduction of the quarterly 22<sup>nd</sup> PSC meetings- Date- TBD
6. Preparation and submission of the 20<sup>th</sup> Quarterly Progress Report (QPR)-August 7, 2023
7. Preparation and submission of the 21<sup>st</sup> Quarterly Progress Report (QPR) and 5th Annual Progress Report (APR)-(July,22~ June,23)- August 7, 2023
8. Preparation and submission of the 22<sup>nd</sup> Quarterly Progress Report (QPR)- October 31, 2023
9. Coordination/approval of the 8-month time extension of the URP by the IMED September 30, 2023
10. Coordination/approval of the 8-month extension of the URP by the World Bank-September 30, 2023

## CHAPTER

## 3

## Annual Progress by URP Sub-Components for fiscal year 2022-23

This section of the 21<sup>st</sup> QPR and 5<sup>th</sup> Annual Project Progress Report presents the cumulative or “Annual” totals of physical progress that has been made since July 1<sup>st</sup>, 2022, up to June 31, 2023. We also have included projections for the next three (3) months until end of September 2023. The information is presented below in sequential order for each Project.

### 3.1 Component A: Reinforcing the Country’s Emergency Management Response Capacity

Under Component-A there are five Sub-components. Those are:

- A-1: Renovation and Outfitting of Building for ERCC and NDMRTI (DDM Part)
- A-2: Renovation and Outfitting of City Corporation and FSCD DRM facilities (DNCC Part)
- A-3: Procurement of Emergency Communication Technology (ECT) equipment (DNCC Part)
- A-4: Procurement of Search and Rescue (SAR) equipment (DNCC Part)
- A-5: Training, Exercises and Drills (TED) Program (DDM Part)

#### ❖ Sub-component A-1: Renovation and Outfitting of Building for ERCC and NDMRTI (DDM)

DDM is responsible for implementing Sub-component A-1 to renovate office spaces on several floors of the DDM building to locate the Emergency Response and Communication Centre (ERCC) and the National Disaster Management Research and Training Institute (NDMRTI).

There are a total of 27 milestones under **Sub-component A-1**. Among these 27, Five (5) were applicable in this reporting period (FY 22-23). Of which three (3) milestone were “Completed late,” and two (2) milestones were “**Due, but on-going**,”.

**Table 3.1: Quarterly Totals for URP Sub-component A-1**

Completed on time	Completed late	On- going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
0	3	0	2	0	0	5

Source: Milestone Status Reports/Data Collection Forms for FY 2022-23.

#### ➤ Completed late: (3)

1. Preparation of BoQ for Consultancy Service of the Substation Design and Supervision at DDM - **(Done-July 1, 2022)**.
2. Contract signed to install substation (W-1-Lot-3) ; the due date was June 30, 2022 –**(Done on November 9, 2022)**.
3. Commencement of works for Substation–**(Done on November 10, 2022)**.

## Annual Progress by URP Sub-Components for fiscal year 2022-23

**Main Accomplishments and Non-accomplishments:**

Under this subcomponent **A-1**: DDM is responsible to renovate spaces on several floors of the DDM building for the establishment of the Emergency Response and Communication Centre (ERCC) and the National Disaster Management Research and Training Institute (NDMRTI).

It has been reported earlier that those renovation activities were completed in the previous year. No significant activities

remaining from DDM part under this sub-component except the new provision of the procurement and installation of a substation for ERCC. In this year the BoQ prepared for the consultancy Service of the Substation Design and Supervision at DDM, contract signed to install the substation, work commenced, and work completion reported to the instalment of the substation. The cable connection work was also completed. DDM submitted the demand note and applied for electricity connection to DESCO.



Sub- station installed at the DDM Building

**3-month projection**

Remaining work- Permission from DESCO for required electricity Supply.

❖ **Sub-component A-2: Renovation and Outfitting of City Corporation and FSCD**

Under **Sub-Component A-2**, DNCC is responsible for building, renovating, and outfitting local-level City Corporation (DNCC, DSCC, and SCC) and FSCD DRM facilities in Dhaka and Sylhet. There are a total of 33 milestones under Sub-component A-2, among those four (4) are applicable in this reporting period (FY 22-23), Two (2) milestone are “Completed late” and two (2) milestone are “pending”.

**Table 3.2: Annual Totals for URP Sub-component A-2**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	2	0	0	2	0	4

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-23.

➤ **Completed late: (2)**

1. Construction of Greenfield Tower (8 Tower) for DNCC, DSCC and SCC (W-2.4), actual date of completion was April 26, 2022. **(Done-February 23, 2023)**.
2. Construction of Greenfield Tower (10 Tower) for FSCD (W-2.5). actual date of completion was January 28, 2022. **(Done-April 6 2023)**.

➤ **Due but no progress: (2)**

1. Submission of EIA report for Greenfield tower including social safeguard screening report); the due date was June 30, 2022 –currently, **12 months late**.
2. Submission of EMP report for Greenfield tower including social safeguard screening report for DNCC, DNCC, SCC and FSCD); the due date was June 30, 2022 –currently, **12 months late**.

**Major Accomplishments and Non-accomplishments in the FY 2023-24**

All the procurement work under subcomponent A-2 has been completed in the previous year. The construction of 18 (60-meter) wireless communication Green Field towers (10 for FSCD and 8 for DNCC, DSCC & SCC) were the remaining activities under this sub-component. These towers will work as the backbone infrastructure to maintain communications among the ECT equipment (DMR network, UHF radio terminals and related installations). In this reporting year, construction of the mentioned all 18 green field towers were completed. Among which 8 towers of DNCC, DSCC and SCC (W-2.4) were completed in the 3<sup>rd</sup> quarter and 10 towers of FSCD (W-2.5) were completed in the 4<sup>th</sup> quarter.

**3-month projection**

The due two (2) milestones i.e., submission of associated EIA and EMP reports were expected to be completed in the 1<sup>st</sup> quarter of FY 2022-23 but even after one year of the due date those deliverables were not submitted.

❖ **Sub-component A-3: Specialized ECT Equipment Procured**

Under **Sub-Component A-3**, the M&E team is tracking a total of 102 milestones. Of which 19 milestones are applicable for the reporting period. Among these 16 milestones, seven (7) were “Completed late” and nine (9) were “due, but on-going” as shown below in Table 3.3.

**Table 3.3: Quarterly Totals for URP Sub-component A-3: ECT Equipment**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	7	0	9	0	0	16

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-23.

➤ **Completed late: (7)**

1. Installation of specialized ICT equipment (DMR network and related installations- VHF) for FSCD (G-1.8); actual date of completion June 30, 2021. **(Done-April 20, 2023)**.
2. Installation of specialized ICT equipment (DMR network and related installations- UHF) for DSCC (G-1.10). **(Done-Dec 5, 2022)**.
3. Delivery of ICT Equipment for Emergency Operation Center (EOC) at DNCC (G-1.14) **(Done-Sep 20, 2022)**.
4. Installation of ICT Equipment for Emergency Operation Center (EOC) at DNCC (G-1.14) **(Done-Oct 26, 2022)**.
5. Tender floated of Procurement of ICT Equipment for Surveillance System in Emergency Operation Center (EOC) at DNCC, DSCC and SCC (G-1.20). 1st Tender floated on 27 February. **(Done- 2<sup>nd</sup> tender on May 11, 2023)**.
6. Final Report preparation of GIS Based Maps (Ward level) at DNCC, DSCC & SCC (S-9); actual date of completion- October 28, 2021. **(Done-February 23, 2023)**.



## Annual Progress by URP Sub-Components for fiscal year 2022-23

7. Consulting Services for construction Supervision of Green Field Tower under DNCC, DSCC, SCC and FSCD. (S-1.14): actual date of completion- March 12, 2022. **(Done- May 30, 2023).**

➤ **Due, but on-going: (9)**

1. Installation of specialized ICT equipment (Lot-01: DMR network, UHF radio terminals and related installations for SCC (G-1.4); the due date was June 30, 2021 –currently, 21 months late.
2. Installation of specialized ICT equipment (DMR network and related installations UHF) for DNCC (G-1.9); the due date was June 30, 2021 –currently, 21 months late.
3. Delivery of ICT Equipment for for ERCC & NDMRTI under DDM (G-1.15); the due date was April 30, 2022 –currently, 11 months late.
4. Installation of ICT Equipment for for ERCC & NDMRTI under DDM (G-1.15) ; the due date was April 30, 2022 –currently, 11 months late.
5. Delivery of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC (G-1.18); the due date was March 27, 2022 –currently, 12 months late.
6. Installation of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC (G-1.18); the due date was April 27, 2022 –currently, 12 months late.
7. Delivery of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was March 27, 2022 –currently, 12 months late.
8. Installation of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was April 27, 2022 –currently, 12 months late.
9. Completion of Tender evaluation of Procurement of ICT Equipment for Surveillance System in Emergency Operation Center (EOC) at DNCC, DSCC and SCC (G-1.20). the due date was April 15, 2023 –currently, 2 months late.

**Main Accomplishments and Non-accomplishments in the FY 2022-23**

Under **Sub-Component A-3**, Installation of 112 VHF-DMR network stations and related installations for FSCD (G-1.8) and 11 UHF-DMR network stations for DSCC (G-1.10) were completed. Besides, installation of more 3 VHF-DMR network stations were ongoing out of 16 stations of SCC & DNCC (G-1.4 & 1.9).



EOC Inauguration ceremony of Dhaka South City Corporation

ICT Equipment delivery and installation for EOC of DNCC (G-1.14) & DSCC (G-1.18) were completed. ICT Equipment delivery for DDM-EOC (G-1.15), SCC-EOC (G-1.18), & FSCD's CCR (G-1.19) were mostly done. The pre-shipment inspection (PSI) & shipment completed for the remaining 5% equipment; delivery will be done soon.

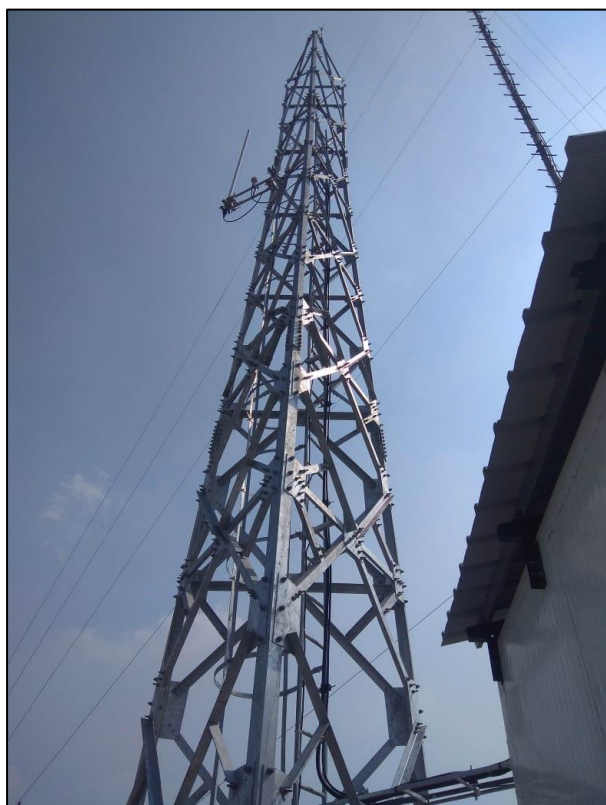
The Hon'ble Mayor of the DSCC inaugurated the EOC on June 26, 2023. ICT installations are still ongoing for EOC of SCC, ERCC of DNCC & CCRs of FSCD.

Tender floated to procure the surveillance System of the Emergency Operation Center (EOC)s of DNCC, DSCC and SCC (G-1.20) on 9 February were cancelled. Subsequently the 2<sup>nd</sup> Tender floated on 11 May 2023. Tender evaluation is now on-going.

Final Report of the preparation of GIS Based Maps (Ward level) at DNCC, DSCC & SCC (S-9), was completed and distributed in 3 city corporation.

### ➤ 3-month projection

The pending milestones “due, but on-going” remain the same as like the last quarter i.e., mostly comprise the installation of the remaining DMR networks for FSCD and city corporations. It was expected that those overdue activities would be completed within the last quarter but still projected for the completion. In addition, delivery and installation of ICT equipment for ERCC & NDMRTI under DDM, EOCs of city corporations; and Command-and-control centres for FSCD will be continuing in this ongoing quarter.



**Installation of DMR Network at Rooftop base station**

### ❖ **Sub-component A-4: Procurement of Specialized Search and Rescue (SAR) Equipment**

Under **Sub-Component A-4**, the procurement of all Search and Rescue equipment was completed in the last year except the 3 rescue boats for FSCD.

The delivery of much awaited Rescue Boat was cancelled last year since the supplier couldn't deliver this within their extended scheduled period. This package was re-tendered 3<sup>rd</sup> time on 9 February 2023 again to complete the procurement, but appropriate bidder was not found. Later,



## Annual Progress by URP Sub-Components for fiscal year 2022-23

on March 27, 2023, the package was retendered for the 4<sup>th</sup> time. The tender evaluation is still ongoing in this reporting period. **Procurement of rescue boat is delayed for 30 months.**

### 3-month projection

After successful evaluation if a bidder is finally selected this time, to complete the rest of the work i.e., contract sign, issuance of work, opening the letter of credit and finally delivery of the boat would take a certain time and that will not be completed within the existing project period of October 2023. Besides the URP-DNCC part was not yet extended along with other URP components beyond October 2023. So, the signing of the contract and decision to place the work order is currently dependent on the extension of URP DNCC part.

### ❖ Sub-component A-5: Training, Exercises and Drills (TED) Program

Under **Sub-Component A-5**; DDM is responsible to provide training, exercises, and drills (TED) services to national-level and local-level agencies involved in disaster risk management. The M&E Team is tracking a total of 95 milestones. Among these, 52 milestone were applicable for this reporting period (FY 22-23). Of which Forty-Six (46) were “Complete on time,” two (2) were “due, but on-going” and the remaining four (4) milestone are targeted to be completed by July 31, 2023, as shown below in Table 3.4

**Table 3.4: Quarterly Totals for URP Sub-component A-5: TED Program**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
46	0	0	2	0	4	52

Source: Milestone Status Reports/Data Collection Forms for FY 2022-23.

#### ➤ Completed on time: (46)

1. Training Inception Workshop with Dhaka South City Corporation
2. Training Inception Workshop with Department of Disaster Management
3. Training Inception Workshop with Ministry of Disaster Management and Relief
4. Training Inception Workshop with Bangladesh Fire Service & Civil Defence.
5. Training Inception Workshop with Dhaka North City Corporation.
6. Training Inception Workshop with Sylhet City Corporation.
7. Basic Disaster Risk Management (Batch 1).
8. Basic Disaster Risk Management (Batch 2).
9. Basic Disaster Risk Management (Batch 3).
10. Basic Disaster Risk Management (Batch 4).
11. Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies [Session 1].
12. Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies [Session 2].
13. Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies [Session 3].
14. Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 1].
15. Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 2].
16. Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 3].
17. Consultation Workshop on Roadmap Towards INSARAG Recognized National Accreditation Process (IRNAP).

18. Conduction of Training on basic components of EOP and EOC for 06 Agencies Staff (Total 08 lessons) [ Batch 4].
19. Training on procurement of Specialist Search and Rescue Equipment (Rescuer tool Drone) for FSCD - Package 2.5
20. Training on Supply of Specialized Search and Rescue Equipment (Ambulance) - Package 2.6.
21. Consultation Workshop on INSARAG Accreditation of National Urban Search and Rescue (USAR) Team.
22. Document Review and consultation workshop for agency specific EOP formulation, developing SOP for a functional EOC.
23. Consultation Workshop on Formation of LEMA, Framework and Technical Working Groups Development for INSARAG Accreditation Process.
24. Workshop on agency specific EOP formulation, developing SOP for a functional EOC, planning for Tabletop Exercise and Drills under the “Training, Exercise, and Drill (TED) program”.
25. Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX) for FSCD.
26. Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX) for SCC.
27. ICT equipment training of EOC for DNCC, DSCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15)-Batch 01.
28. Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX)for DNCC and DSCC.
29. Consultation Workshop on Progress of LEMA, Technical Working Groups, Self-evaluation and USAR Team Accreditation.
30. Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX)for MoDMR and DDM.
31. Multi-Agency Exercise on EOP and functional EOC (Day 1).
32. Multi-Agency Exercise on EOP and functional EOC (day 2).
33. Training for National USAR Team on Incident Command System, Logistics and INSARAG Policy and Guideline.
34. Briefing on IAEM Registration and Preparation for Mock Test.
35. ICT equipment training of EOC for DNCC, SCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15) -Batch 02.
36. “Procurement of Specialized ICT Equipment (Lot-01: i. DMR Network & ii. UHF Radio Terminals and Related Installations) for SCC” ( Package 1.4).
37. The IAEM mock test (online).
38. “Procurement of Specialized ICT Equipment (DMR [Digital Mobile Radio] Network and Related Installation-VHF) for FSCD” (package 1.8).
39. Progress Review Workshop and Consultation meeting.
40. TED Progress Meeting RIG Cluster (UNDP).
41. IAEM Mock test 2.
42. Supply of Specialized Search and Rescue Equipment (Water Rescue) for FSCD” (Package 2.2).
43. Preliminary Self-assessment of FSCD's capacity to form a USAR Light Team as per INSARAG Guideline\_ (TED).
44. 3<sup>rd</sup> IAEM mock test.
45. Supply of Specialized Search and Rescue Equipment (Emergency Tenders) for FSCD” (Package 2.1).
46. MOCK test- 4 and Residential Workshop on IAEM Registration & Preparation.

➤ **Due, but on-going: (2)**

1. Pre-Hospital Care (INSARAG) -Part 2 The IAEM mock test (online).
2. Search and Rescue (INSARAG).

➤ **3-month projection**

### Annual Progress by URP Sub-Components for fiscal year 2022-23

Following 4 milestones which are expected to be completed this quarter (Q1 FY 2023-24). These include:

1. "Procurement of HazMat (Hazardous Materials) Tender for FSCD" (Package 2.10).
2. Search and Rescue (INSARAG).
3. Hazmat -INSARAG (1st day travel day).
4. Pre-Hospital Care (INSARAG)-Part 1.

### Major Accomplishments and Non-accomplishments in the Q4 (FY 2023-2024)

The 1<sup>st</sup> Training, Exercise, and Drills (TED) Program was signed with the REM-DTCL JV in 2018.

Later, that had been postponed in the mid-March 2020 due to the fact that the contract with the consultant team of REM/DTCL was ended on November 18, 2020. A total of 8 training sessions were implemented out of planned 40. Considering the importance of the TED activities and need to complete the remaining training and exercise sessions, an alternative arrangement was agreed. The DDM-PIU has initiated the process of signing a new TED contract with UNDP under the UNDP-WB standard agreement for technical assistance.

DDM-PIU contracted UNDP to conduct a total of 52 number of training, workshops and drill programs. In this reporting period 46 trainings, workshops and drills were completed and the remaining 6 are planned to be completed within the 1<sup>st</sup> quarter of FY 2023-24.



Training on Specialized ICT Equipment DMR Network



Training on Procurement of Specialized ICT Equipment (Emergency Rescue) for FSCD



## 3.2 Component B: Vulnerability Assessment (VA) of Critical and Essential Facilities

The objective of this component is to develop the consensus-driven analytical foundation required for longer-term investments and to reduce risk in the built environment of Dhaka, Sylhet and other cities in Bangladesh. Major two activities of this component are (i) an assessment of the vulnerability of the built environment in greater Dhaka to earthquakes and other major hazards, focusing on essential and critical facilities and infrastructure. The assessment will establish the patterns of vulnerability of the cities, understand the hotspots, and serve as a basis for a long-term vulnerability reduction in greater Dhaka; and (ii) the development of risk-sensitive land use planning as a practice in Bangladesh. This will be informed by an understanding of the hazards, vulnerability and risk facing urban centers, and by clearly stated consensus driven DRR objectives and policies.

### Sub-component B-1: Vulnerability Assessment of Critical and Essential Facilities

This component aims to identify at-risk public infrastructure, including critical and essential facilities and lifelines, assess their vulnerability to earthquakes and other hazards, and develop a city-wide vulnerability reduction program which includes priorities and budgets for physical strengthening, retrofitting or replacement. The assessment will establish the patterns of vulnerability of the city, identify the hotspots, and serve as a basis for a long-term vulnerability reduction in Greater Dhaka.

Under this Sub-component, the M&E team is tracking 59 milestones, of which 5 were active during the reporting period of last fiscal year (FY2022-2023). Among these five (5) milestones, all the five (5) were “completed late”.

**Table 3.5: Rolling Totals for URP Sub-component B-1**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	4	0	0	0	0	4
Q2	0	1	0	0	0	0	1
Q3	0	0	0	0	0	0	0
Q4	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-2023.

### Major Accomplishments and Non-accomplishments in FY 2022-2023

Under **Sub-component B-1**, four activities have been done in the first quarter and one activity has been done in the second quarter. Which are:

➤ **In first quarter, Completed late (4):**

1. Reviewed and Revised **Feasibility report following DEA** for all the remaining building at the 3rd level including retrofitting design and cost estimates for buildings eligible for retrofitting work (totalling a floor area of 150000 sqm)(MD-07); the due date was October 20, 2021 – (Done on August 13, 2022) - **10 months late**.
2. Report on Implementation Mechanisms, Monitoring and Evaluation Mechanisms and Mainstreaming Mechanisms and validation by PWG, POC, and relevant agencies and Ministries. (D-19); the due date was January 20, 2022 – (Done on August 13, 2022) - **7 months late**.

## Annual Progress by URP Sub-Components for fiscal year 2022-23

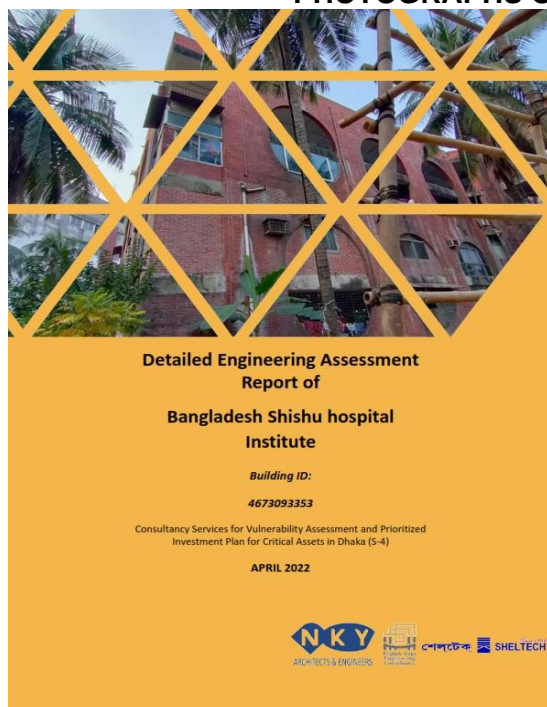
3. Reviewed and Revised the **Long Term Investment and Strategy Guideline** as per activities defined (MD-08); the due date was February 20, 2022 – (Done on August 30, 2022) - **6 months late..**
4. Approved the **Long Term Investment and Strategy Guideline** as per activities defined (MD-08); the due date was March 20, 2022 – (Done on September 13, 2022) - **6 months late..**

➤ **In second quarter, Completed late (1):**

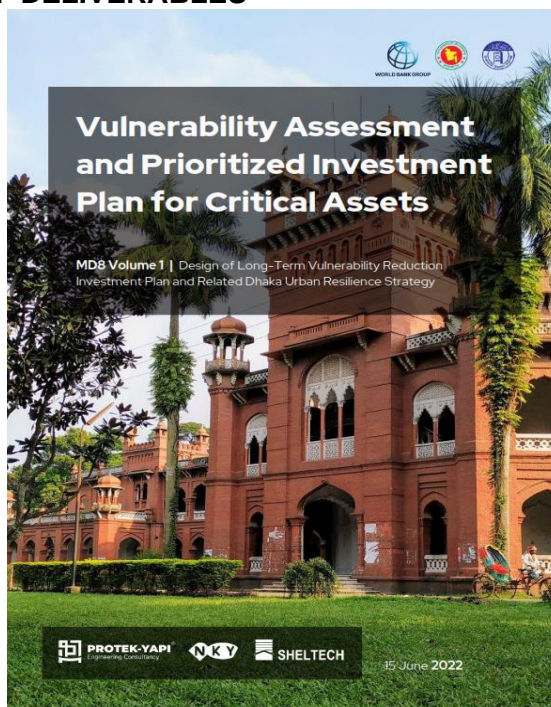
1. Approved Feasibility report following **DEA** for all the remaining building at the 3rd level including retrofitting design and cost estimates for buildings eligible for retrofitting work (totalling a floor area of 150000 sqm) (MD-07); the due date was November 20, 2021 – (Done on October 31, 2022) – **11 months late.**

Under **Sub-component B-1**, all scheduled activity has been done so far. Now, PIU-RAJUK is anticipated to take the required actions in order to move forward with the physical work of the appraised buildings (187 buildings for retrofitting, 42 buildings for demolishing) for the forthcoming phase of URP.

## PHOTOGRAPHS OF DELIVERABLES



Feasibility report following DEA



Long Term Investment and Strategy Guideline

**Sub-Component B-2: Risk Sensitive Land Use Planning (RSLUP) Practice**

This sub-component aims to development of risk-sensitive land use planning as a practice in Bangladesh. This component will support the conduct of risk-sensitive planning exercises for Metropolitan Dhaka in coordination with the findings and outputs of vulnerability assessment (Component B1). RAJUK signed a contract for consulting work of Risk Sensitive Land Use Planning with a JV of 3 consulting firms, namely NKY, Protek-Yapi and Sheltech on 31 October 2018. The first two firms are from Turkey, while the later one from Bangladesh.

Under this Sub-component, the M&E team is tracking 47 milestones, all scheduled activity has been done earlier and none were active during the reporting period of last fiscal year (FY2022-2023).

**Table 3.6: Annual Totals for URP Sub-component B-2**

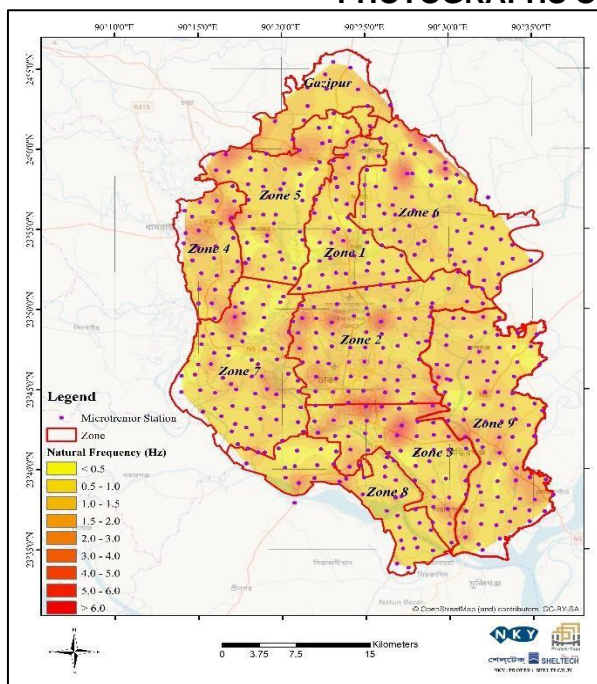
Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	0	0	0	0	0	0
Q2	0	0	0	0	0	0	0
Q3	0	0	0	0	0	0	0
Q4	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-2023.

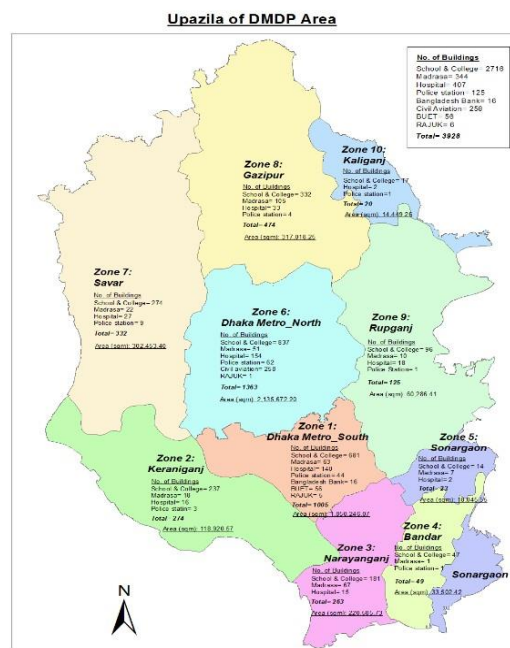
**Major Accomplishments and Non-accomplishments in FY 2022-2023**

Under **Sub-component B-2**, all activity has been done earlier. Under this package, Hazard Micro-zonation Map and Risk Sensitive Land Use Map for DMDP Area Earthquake Risk Sensitive Land Use Plan, have been prepared which is in process of coordination with Detailed Area Plan (DAP).

**PHOTOGRAPHS OF DELIVERABLES**



**Natural Frequency Map of DMDP Area**



**Zonal Map of DMDP area**

**3.3 Component C: Improved Construction, Urban Planning and Development**

The objective of Component C is to put in place the institutional infrastructure and competency to reduce long-term disaster vulnerability in Dhaka. It would address both the existing built environment as well as future development.

Under this component RAJUK will implement four (4) sub-components of the URP. These sub-components include:

- ✓ Create and operationalize an Urban Resilience Unit (URU) in RAJUK (C-1);
- ✓ Establish an electronic construction permitting (e-permitting) system (C-2);



## Annual Progress by URP Sub-Components for fiscal year 2022-23

- ✓ Set up a professional accreditation program (PAP) for engineers, architects, and planners (C-3); and
- ✓ Improve building code enforcement within RAJUK jurisdiction (C-4).

### ❖ Sub-component C-1: Create and Operationalize an Urban Resilience Unit (URU) in RAJUK

This sub-component will conduct activities related to setting up of an Urban Resilience Unit (URU) within RAJUK to develop human and capital resources, both in number and capacity, to undertake urban resilience activities. In particular, it will oversee the implementation of the Bangladesh National Building Code (BNBC), accreditation and code enforcement provisions, and implementation of building construction standards. The URU will also serve as RAJUK's project implementation unit (PIU) for Components B and C, which will be implemented by RAJUK.

Urban Resilience Unit in RAJUK will make and operationalize a unit that will be responsible for assessing disaster risks, responding to and preparing for emergency situations, and certifying buildings, designs, use of materials, and construction permits. This project will support the design and start-up operational functioning of URU through assessment of existing institutional design, development and assessment of community outreach campaign on disaster awareness, and capacity building. Two key goals of the package are (i) Institutional Strengthening and Governance of the URU and (ii) Public Participation and Awareness of Disaster Risk Mitigation.

Under Sub-component C-1, the M&E team is tracking 34 milestones, among which seven (7) were active during the reporting period of last fiscal year (FY2022-2023). Out of these seven (7), one (1) was "Due, but on-going," five (5) were "Due, but [had made] no progress," and one (1) was projected to be completed during next six months of this fiscal year ending on 31 December 2023.

**Table 3.7: Annual Totals for URP Sub-component C-1**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	0	0	0	0	6	0
Q2	0	0	0	0	0	6	0
Q3	0	0	0	0	0	6	0
Q4	0	0	0	1	5	1	0

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2023-2024.

#### ➤ Due, but on-going: (1)

1. Reviewed, Revised and Approved proposal of URU by the ministry (MoHPW); the **due date was March 1, 2022** –currently, **15 months late**.

#### ➤ Due, but no progress: (5)

1. Submitted formal proposal of URU to the Ministry of Finance (MoF) and Ministry Public Administration (MoPA) from ministry of Housing and Public Works (MoHPW); the **due date was February 10, 2023** –currently, **6 months late**.
2. Approved proposal of URU from the Ministry of Finance (MoF) and Ministry Public Administration (MoPA); the **due date was March 10, 2023** –currently, **4 month late**.
3. Submitted formal proposal of URU to the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA) from ministry of Housing and Public Works (MoHPW); the **due date was February 10, 2023** –currently, **5 months late**.

4. Approved proposal of URU from the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA); the **due date was March 10, 2023** –currently, **4 month late**.
5. Submitted formal proposal of URU to Cabinet from ministry of Housing and Public Works (MoHPW); the **due date was March 16, 2023** –currently, **4 month late**.

### ➤ 3-Month projection

1. proposal of URU to Cabinet from ministry of Housing and Public Works (MoHPW).

### Major Accomplishments and Non-accomplishments in the FY 2022-2023

Under **Sub-component C-1**, the PIU worked on sorting and verifying all of the paperwork and procedures that will be necessary to develop and get ministry clearance in order to make the Urban Resilience Unit (URU) effective. Additionally, PIU is continuing its regular correspondence with the Ministry of Housing and Public Works (MoHPW) as an effort to convince them of the formal proposal of URU. The consultants have completed all the tasks (Situation Analysis and Feasibility Report, Institutional Design and Organizational Study-IDOS Report, Community Outreach Campaign Report, URU Training Materials and Documentation, Capacity Building Program Report and URU Staff Training Report, Monitoring and Evaluation Report as well as Final Report) they are supposed to do.

The URU institutionalization proposal was sent from RAJUK PIU to RAJUK head office on December 3, 2021. After necessary review, it has been sent to the Ministry of Housing and Public Works (MoHPW) on December 8, 2021. A meeting for review the progress of the URP-RAJUK part has been held on December 20, 2021, between RAJUK and MoHPWs. Several quarries came out from the meeting while PIU-RAJUK has been asked to answer those quarries and resubmit the proposal. Several review and revision procedures have been carried out.



A Progress Review Meeting for the URP-Rajuk part was held amongst key stakeholders under directions of the minister of MoHPW on March 15, 2023,

**The subsequent approval process has been on hold for a long time since December 2021, and there was no sign of progress review until March 2023.**

Later, after several review and revision, subsequent progress review meeting of URP-RAJUK part was held with the ministry on March 15, 2023. Following that meeting, additional comments and queries surfaced. PIU-RAJUK is currently reviewing and revising the proposal.

**3-month forecast:**

As one (1) milestone is still “Due, but on-going”, and five (5) milestones are “Due, but [had made] no progress” those six (6) milestones are programmed to be completed in the 1<sup>st</sup> quarter of FY 2023-24.

According to the information of the RAJUK-PIU, after vetting and validation, the ministry of MoHPWs will then send the proposal to the Finance & Public Administration Ministries. Then it will be sent to the Ministry of Law from MoHPWs for necessary legislative review and modification.

After getting all the necessary correction and verification, although it has been predicted that the proposal would be placed to the Cabinet Division from MoHPWs for final approval within September 2023, the M&E team anticipate based on previous trend of process with bureaucracy that within the approved project period of October 2023, the approval process of URU operationalization will not be possible.

**❖ Sub-Component C-2: Establish an Electronic Construction Permitting System**

This sub-component is supposed to integrate the design, development and implementation of an Electronic Permitting and Monitoring System (e-permit) for construction applications. It will include a feasibility study, the design, development, testing, training, as well as deployment of the system, and related infrastructure (software and hardware necessary for institutionalization). The objective is to make construction permitting more efficient and transparent.

Name of the ongoing Package is “Assessing the Current State and Deploying a Web-Based Integrated Information Management System for the Construction Permit System of RAJUK”. The main objectives of this project are to: (1) Streamline the building construction permitting process and (2) Design and implement an ECP system.

**Features:**

- ❖ Online Application Filling process for ECP
- ❖ Online Professional Invitation process
- ❖ Online Land Use Clearance & Renewal
- ❖ Online Construction permit process (CP)
- ❖ Online Occupancy Certificate
- ❖ Online Appeal (CP & LUC)
- ❖ Online Level Completion Certificate
- ❖ Online Special Project Process
- ❖ Online Level Completion/Monitoring Process
- ❖ Online Appeal Special Project Process
- ❖ Development of RISE Tools (Risk & Structural Evaluation) for Structural Plan Check
- ❖ Online Construction Monitoring based on the FRCM (Fast Remote Construction Monitoring)

**Benefits of ECPS**

- Time efficiency
- Transparency
- Cost efficiency
- Paperless
- To streamline the permitting process
- Progress monitoring
- Good Governance

Under **Sub-component C-2**, the M&E team has been tracking 22 milestones, among which One (1) milestone was tracked for the reporting period of last fiscal year (FY2022-23). This milestone was identified as “Due, but on-going.” and is expected to be completed by December 31, 2023.

**Table 3.8: Annual Totals for URP Sub-component C-2**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	0	0	1	0	0	0
Q2	0	0	0	1	0	0	0
Q3	0	0	0	1	0	0	0
Q4	0	0	0	1	0	0	0

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-2223.

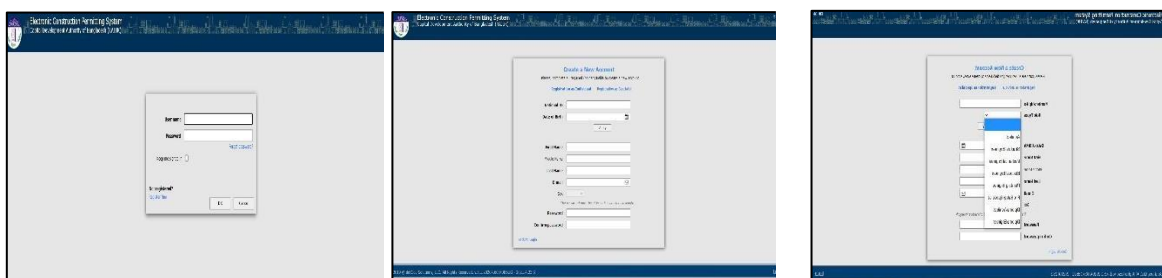
### Major Accomplishments and Non-accomplishments in the FY 2022-2023

In the fiscal year there were few tasks completed under **Sub-component C-2**. Earlier, PIU-RAJUK finalized the payment gateway of ECPS along with launching an online web-portal (<https://ecps.gov.bd/>) for collecting documents for provide/approval of Land-use clearance, Construction Permit, Special Project and Occupancy Certificate. Agreement was also signed for online fees collection between RAJUK, and designated banks. Before starting the ECPS piloting, RAJUK held a series of workshops and training seminars with key stakeholders during the preceding quarters. An online web-portal has been launched.

Since the payment gateway system of the Electronic Construction Permitting System (ECPS) has been finalized and MoU with Bank has already been signed, piloting of the system has also been programmed to begin after formal approval from the Chairman of RAJUK. Although the announcement published by the RAJUK mentioned that the ECPs piloting would start on April 1, 2023, for only two sub-zones (sub-zone-3/2 and sub-zone-4/2); but no e-application was reported in the ECP website as of June 30, 2023. Only 158 numbers of Project Owners, 111 numbers of Architects and 50 numbers of Structural Engineers have been registered so far. URP-RAJUK is planning to include the full zone–3 and zone–4 in the new ECPS system to active the Application System, Plan Checking and Construction Monitoring System through the online web-portal.

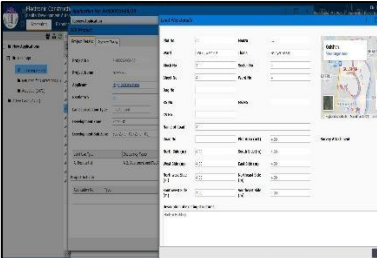
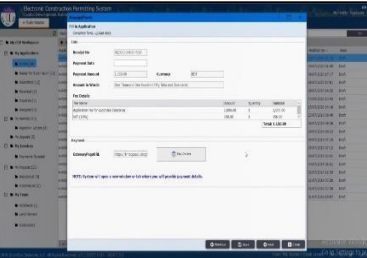
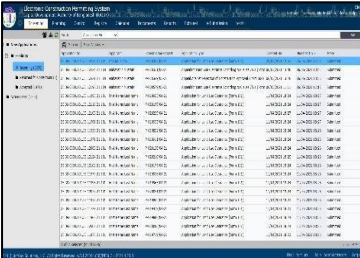
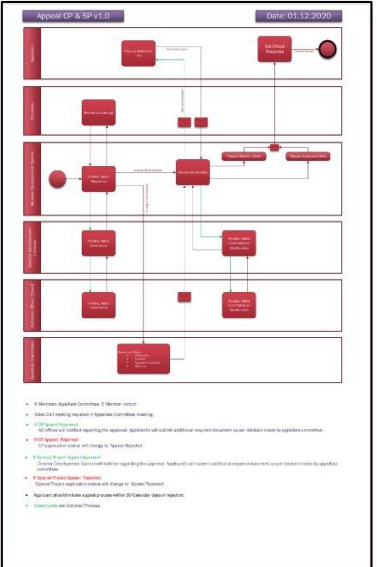
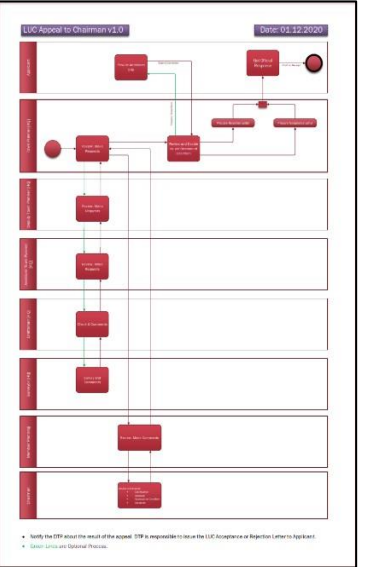
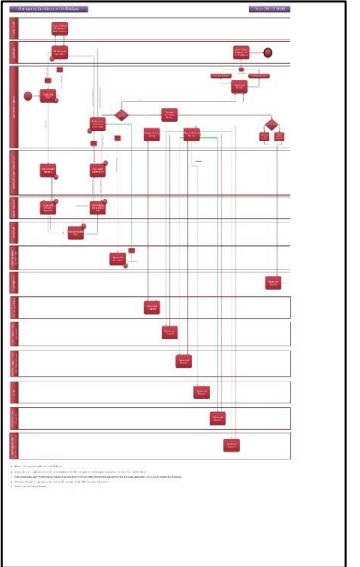
RTI & DohaTec, the developer, has organized a training workshop titled "Testing on the Electronic Construction Permitting System (ECPS) with Real Data" for Assistant Authorized Officers (AAO), Authorized Officers (AO), Deputy Town Planners (DTP), Town Planners (TP), and Building Inspectors on January 5, 2023, at PIU-RAJUK before the piloting process begins. The training session had several attendees from different zones and sub-zones of RAJUK jurisdictions.

### PHOTOGRAPHS OF DIFFERENT STEPS OF ECPS





Annual Progress by URP Sub-Components for fiscal year 2022-23

<p>Log-in window</p> 	<p>Registration as Individual window</p> 	<p>Registration as Specialist window</p> 
<p>Project Detail window</p> 	<p>New application and payment window</p> 	<p>Incoming file Screening window</p> 
<p>Construction Permitting and Spatial Project appeal window</p>	<p>Land use appeal to chairman window</p>	<p>Occupancy Certificate window</p>

**6-month Forecast:**

The only due activity that need to be completed by the closing of the year (by December 31, 2023) is the operationalise the ECPS. However, the consultant will provide the Operation and Maintenance support for two consecutive years, and they are supposed to submit an Operation and Maintenance Report after the maintenance period.

**❖ Sub-Component C-3: Professional Accreditation Program**

This sub-Component C-3 will serve to improve the professional competency and ethical standards of practice of professional engineers, architects, planners and other construction professionals according to Bangladesh building code and international standards of practice. The objective is to develop a new program aimed at delivering a recognized professional accreditation based on international best practices. A major effort will go into developing the curriculum, requirements for skills and experience, and certification documentation agreed upon and accepted by the professional engineering community.

Under **Sub-component C-3**, the M&E team has been tracking 24 milestones, among which twelve were tracked during the reporting period of last fiscal year (FY2022-23). Out of these twelve, six (6) were “completed late,” and six (6) were “due but on-going,” which are expected to be completed by December 31, 2023.

**Table 3.9: Annual Totals for URP Sub-component C-3**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	0	0	1	0	3	4
Q2	0	1	0	3	0	8	12
Q3	0	2	0	9	0	0	11
Q4	0	3	0	6	0	0	9

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2023-24.

➤ **In second quarter, Completed late (1):**

1. Submitted PAP Design Report (MD-4)– **due date September 30, 2022**, (Done on December 23, 2022).

➤ **In third quarter, Completed late (2):**

1. Reviewed and revised PAP Design Report (MD-4)– **due date December 20, 2022**, (Done on February 7, 2023).
2. Approved PAP Design Report (MD-4)– **due date December 30, 2022**, (Done on February 27, 2023).

➤ **In fourth quarter, Completed late (3):**

1. Submission of Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was December 31, 2022** – (Done on May 1, 2023).
2. Reviewed and revised Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was January 15, 2023** – (Done on June 6, 2023).
3. Approved Pilot Testing Design Report and online PAP Portal (MD-5); the **due date was January 30, 2023** – (Done on June 12, 2023).

➤ **Due, but on-going: (6)**

1. Submission of Sustainability Report (MD-6).
2. Review and Revision of Submission of Sustainability Report (MD-6).
3. Approval of Submission of Sustainability Report (MD-6).
4. Submission of Completion Report (MD-7).
5. Review and Revision of Completion Report (MD-7).
6. Approval of Completion Report (MD-7).

### Major Accomplishments and Non-accomplishments in the FY 2022-23

Two major deliverables have been completed under Sub-component C-3 In the fiscal year. Those two (2) deliverables were: (1) **PAP Design Report** (MD-4); (2) **Pilot Testing Design Report and online PAP Portal** (MD-5). Besides, the consulting firm International Code Council – (ICC) conducted 48 training sessions of Structural Engineer – (SEng) Training Program as a part of Professional Accreditation Program Strengthening Component of the Urban Resilience Program (URP). The courses were presented over the WebEx platform and were managed through a web portal named “*PRP-Portal*” (<https://prp-portal.org>). A total of 2,942 individuals registered on the portal for training. Of which, 1,100 individuals have attended each session. A total of 900 registrants attended at least 30 out of 48 SEng. sessions and 5 out of 8 seismic sessions which were the qualifying criteria for SEng exam. However, 518 candidates applied for the SEng exam, and 507 candidates were qualified to appear the SEng exam. Only 336 candidates among the 507 candidates appeared in the exam hall. 124 candidates eventually succeeded in passing the 12-hour SEng registration exam. Finally, on 10 May 2023, the International Code Council (ICC)



## Annual Progress by URP Sub-Components for fiscal year 2022-23

awarded certificates of recognition to each of the 124 successful SEng applicants for their outstanding achievement in the exam.



Ceremony for awarding certificates of recognition to 124 SEng registration exam candidates

### 3-month Forecast:

As six (6) milestones are still “Due, but on-going” those are programmed to be completed within the next two quarter (by December 31, 2023).

### ❖ Sub-Component C-4: Improved Enforcement of Building Code

Under this sub-component a consultancy package was undertaken “to develop a comprehensive approach to managing earthquake risk through a structured process of knowledge development, education, and planning that involves a wide range of stakeholders to increase engagement and ownership. The scope of work includes to build the capacities and administrative structure for RAJUK to implement and enforce the Bangladesh National Building Code (BNBC), the provisions of the Structure Plans and Detailed Area Plans (DAPs) and to building field inspection and controls.

In specific word the objectives of Improved Enforcement of Building Code package are: (1) Implementation and enforcement of BNBC 2017 in its entirety (ii) Public awareness and education campaign with emphasis on earthquake resistance.

Under **Sub-Component C-4**, the M&E team has been tracking 25 milestones, among which eight (8) were tracked over the fiscal year 2022-2023. Out of these eight, five (5) were “Complete late,” and three (3) were “Due, but on-going,” those three might be completed by December 31, 2023.

**Table 3.10: Annual Totals for URP Sub-component C-4**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	2	0	1	0	2	5
Q2	0	2	0	0	0	3	5
Q3	0	1	0	2	0	1	5
Q4	0	0	0	3	0	0	3

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-23.

➤ **In first quarter, Completed late (2):**

1. Review and Revision of Education and Outreach Campaign Report; due date for completion is August 30, 2021 (Done on July 18, 2022).
2. Approval of Education and Outreach Campaign Report; due date for completion is September 30, 2021 – (Done on July 25, 2022).

➤ **In second quarter, Completed late (2):**

1. Submitted Monitoring and Evaluation Report; due date for completion was September 30, 2022 – (Done on November 14, 2022).
2. Reviewed and Revised Monitoring and Evaluation Report; due date for completion was November 30, 2022 – (Done on December 11, 2022).

➤ **In third quarter, Completed late (1):**

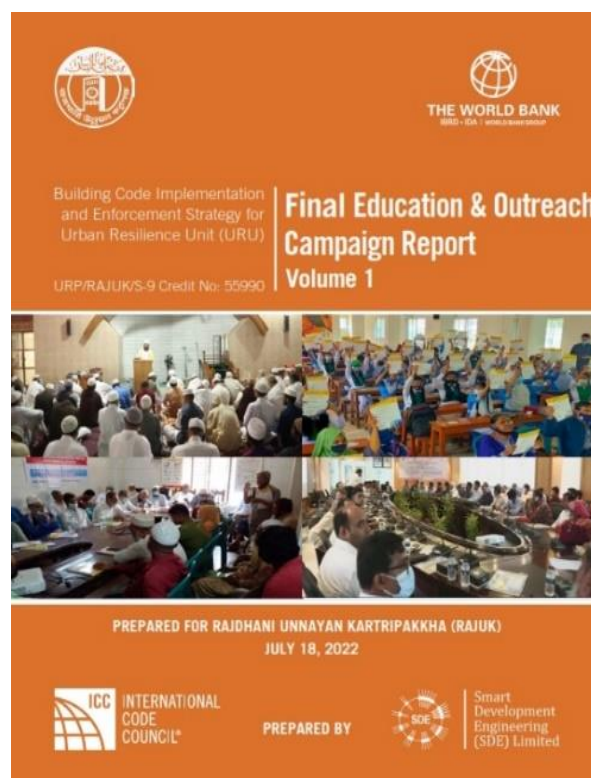
1. Approved Monitoring and Evaluation Report; due **date for was December 30, 2022** – (Done on February 27, 2023).

➤ **Due, but on-going: (3)**

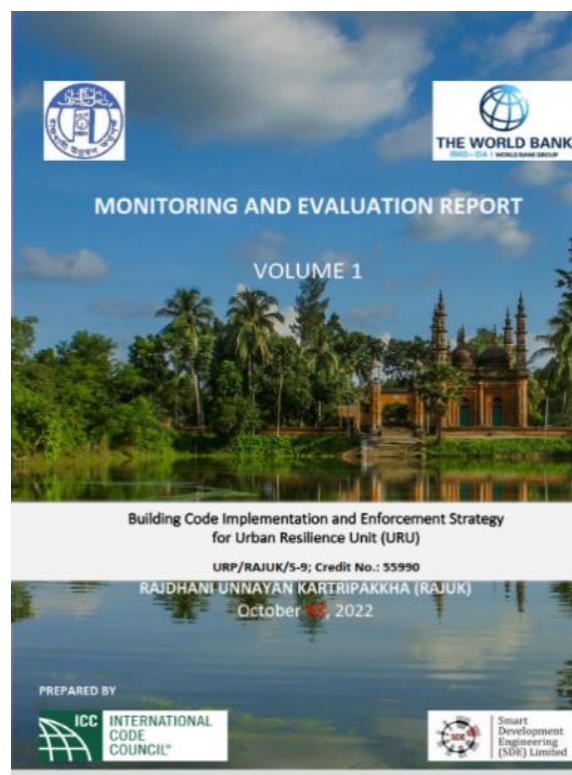
1. Submitted Annual Program Evaluation Report – last year and fulfilment of all other contractual obligations by consultant; **due date was February 28, 2023** –currently, **4 month late**.
2. Reviewed and Revised Annual Program Evaluation Report – last year and fulfilment of all other contractual obligations by consultant; **due date was March 31, 2023** –currently, **3 month late**.
3. Approved Annual Program Evaluation Report – last year and fulfillment of all other contractual obligations by consultant; **due date was April 30, 2023** –currently, **2 months late**.

### Major Accomplishments and Non-accomplishments in the FY 2022-23

Under **Sub-component C-4**, only five (5) major milestones were completed during the fiscal year. That five (5) milestones were: (1) Reviewed and Revised Education and Outreach Campaign Report; (2) Approved Education and Outreach Campaign Report; (3) Submitted Monitoring and Evaluation Report; (4) Reviewed and Revised Monitoring and Evaluation Report; (5) Approved Monitoring and Evaluation Report. The consultant is now working on preparation of Annual Program Evaluation Report which was programmed to be submitted by August 30, 2023.



Education and Outreach campaign report



Monitoring and Evaluation Report

### ❖ URU Building: Design and Supervision of Construction

Under works package (W-1) two buildings are planned to be constructed in two phases. Under Phase-I a small tower of 10 storied will be established with approximate typical floor area of about 9002 m each with a two-level Basement. The shake table and laboratory with all equipment would be located in the proposed auxiliary building.

The Structural System of the building's superstructure will be comprising of Steel Frame with Steel Deck and Concrete Core. To complete the actual construction work of URU building, an 18 month's contract (works package of Phase I) was signed by RAJUK with a contractor on October 20, 2020, with a completion date of April 30, 2022.

The M&E team is tracking 102 milestones under this "activity," among which 13 were tracked during the fiscal year. Out of these 13, one (1) was "On-going," six (6) were "Due, but on-going," five (5) were "Due, but [had] made no-progress" and remaining 1 (1) is projected to be completed by December 31, 2023.

**Table 3.11: Annual Totals for URU Building**

Quarter	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
Q1	0	0	0	5	5	0	10
Q2	0	0	0	5	5	0	10
Q3	0	0	1	5	5	2	13
Q4	0	0	1	6	5	1	13

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2022-23.

#### ➤ On-going: (1):

1. Monitoring of URU construction by the Consultancy Services for Design and Supervision of Urban Resilience Unit (URU); the **due date is June 30, 2023**.

#### ➤ Due, but on-going: (6):

1. Erection of Steel frame for G-9F done (W-1); the due date December 8, 2021. – currently, **18 months late**.
2. Casting concrete of lift core and floor; the due date December 15, 2021. –currently, **18 months late**.
3. Secondary structure such as wall, plaster etc done; the due date January 9, 2022. – currently, **17 months late**.
4. Floor/false ceiling/external wall etc completed; the due date February 23, 2022. – currently, **16 months late**.
5. Generator/substation/lift/ and other MEP work done; the due date March 23, 2022– currently, **15 months late**.
6. Final Inspection Report and As-build drawings (1st phase upto 10th floor with laboratory building) ; the due date May 31, 2023–currently, **1 month late**.

#### ➤ Due, but no progress (5):

1. Installation, training and closing of Seismic Lab Equipment for URU (G-12); the due date for completion was May 15, 2020. –currently, **35 months late**.
2. Installation, Training and Closing of CPT equipment for Exploration of RSLUP profiles on a 200 kN Truck (G-17); the due date was January 9, 2021. –currently, **29 months late**.
3. Windows and doors fixing done; the due date for completion was May 17, 2022– currently, **13 months late**.

4. Commissioning for Facilities; the due date for completion was May 14, 2022—currently, **13 months late.**
5. Site handover: the due date for completion was June 12, 2022—currently, **12 months late.**

### **Major Accomplishments and Non-accomplishments in the FY 2022-23:**

Among the most important milestones or deliverables completed during the fiscal year 2022-2023 by RAJUK to construct the URU building were: (1) Erection of Steel frame for G-6F and Casting concrete of lift core and floor. (2) Pilling work, foundation, shear-wall up-to roof slab for laboratory building completed; (3) Roof slab casting of Shake-table room of laboratory building completed; (4) Finishing work of UTM room & Generator room is on-going.

The URU construction work is already moving behind schedule. Additionally, the ineffective labour management concerns are causing further delays and disruptions, making it doubtful that the entire project will be completed by the extended deadline by the end of the project period in October 2023.

On the other hand, the installation and training to use seismic lab equipment in the URU building (under G-12) and 200 KN Truck Mounted CPT Equipment for RSLUP (G-17) is also delayed for more than two years.

### **6-month Forecast (1):**

As one (1) milestone is “On-going,” six (6) milestone are “due, but still on-going,” and five (5) are “Due, but [had made] no progress,” those twelve (12) milestones are expected to be completed by the next two quarters (2<sup>nd</sup> quarter of FY 2023-2024). In addition, one (1) more milestone was scheduled to be completed by December 31, 2023. Which is: (1) Project completion Report (Final Report).

The M&E firm received a time-bound schedule (Annex-9) of the URU construction in August 2022 from PIU-RAJUK; where the handover date of the project was targeted on April 2023 which has failed. However, field visit data and verified information from the M&E team indicate that it will be challenging to complete the project even within the project duration (by October 2023).



## PHOTOGRAPHS OF CONSTRUCTION WORK







### 3.4 Component D: Project Coordination, Monitoring and Evaluation

As can be seen in the table below, PCMU has a total of 25 tasks that the M&E team is tracking (including some of our own for transparency's sake) at this reporting period. Of these, ten (10) were "completed on-time", 4 were "completed late", one (1) milestone is "Due, but on-going" and the remaining ten (10) milestones are expected to be completed during next three months of this fiscal year ending on September 30 December 2023.

**Table 3.12: Annual Totals for URP Component D**

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3-month projection	Total
10	4	0	1	0	10	25

Source: Milestone Status Reports/Data Collection Forms for the fiscal year of FY 2022-23.

➤ **Completed on-time (9):**

1. Convene quarterly 18<sup>th</sup> PSC meeting on September 15, 2022.
2. Conduction of a Project Implementation Committee (PIC) meeting on November 20, 2022
3. Conduction of the 19<sup>th</sup> Project Steering Committee (PSC) Meeting (December 5, 2022)
4. Conduction of the quarterly 20<sup>th</sup> PSC meeting- March 9, 2023
5. Conduction of a Project Implementation Committee (PIC) meeting – March 20, 2023
6. Recruit manpower through Outsourcing - March 12, 2023.
7. Conduction of the quarterly 21<sup>st</sup> PSC meetings- May 25, 2023
8. Conduction of a Project Implementation Committee Meeting (PIC) on May 15, 2023
9. Conduction of a Project Implementation Committee Meeting (PIC) on June 21, 2023

➤ **Completed Late (5):**

1. Preparation and submission of the 17<sup>th</sup> Quarterly Progress Report (QPR) and 4<sup>th</sup> Annual Progress Report. Due date- July 31<sup>st</sup>, 2022. Completed- August 31, 2022
2. Preparation and submission of the 18<sup>th</sup> Quarterly Progress Report (QPR). Due date- October 31<sup>st</sup>, 2022. Completed- December 14, 2022
3. Preparation and submission of the 19<sup>th</sup> Quarterly Progress Report (QPR), due date- January 31<sup>st</sup>, 2023. Completed- March 28, 2023
4. Revised (3<sup>rd</sup>) DPP approved by the ECNEC. Done- March 12, 2023
5. Contract signing with the M&E Consulting firm- June 12, 2023

➤ **Due, but on-going: (1)**

1. Contract extension and modification for Internal Audit firm. due date- December 31, 2022

**3-month projection-10 (July- September 2023)**

Followed by the contract extension of the M&E consulting firm, the pending quarterly progress reports along with the mentioned tasks are planned to be completed within the ongoing quarter.

1. Server purchase, configuration, and Secure Sockets Layer (SSL) certified installation for PMIS - July 15, 2023
2. Restoration of the PMIS (Project Monitoring and Information System) and make it visible - July 18, 2023



3. URP website assessment, error checking, debugging, and resolving plugins issue-July 22, 2023
4. Revision of the PMIS user manual- August 30, 2023
5. Conduction of the quarterly 22<sup>nd</sup> PSC meetings- Date- TBD
6. Preparation and submission of the 20<sup>th</sup> Quarterly Progress Report (QPR)-August 7, 2023
7. Preparation and submission of the 21<sup>st</sup> Quarterly Progress Report (QPR) and 5th Annual Progress Report (APR)-(July,22~ June,23)- August 7, 2023
8. Preparation and submission of the 22<sup>nd</sup> Quarterly Progress Report (QPR)- October 31, 2023
9. Coordination/approval of the 8-month time extension of the URP by the IMED September 30, 2023
10. Coordination/approval of the 8-month extension of the URP by the World Bank- September 30, 2023

### Accomplishments and Non-accomplishments

In this reporting period a total number of four Project Implementation Committee (PIC) meetings of the Urban Resilience Project (URP) (PCMU Part) was held under the Chairmanship of Mr. Khandker Ahsan Hossain, Chief (Additional Secretary), Programming Division and Convener of the Project Implementation Committee (PIC). These meetings mainly focused on the implementation progress of the decisions taken at the subsequent Project Steering Committee (PSC) meeting regarding URP's DDM, DNCC, RAJUK and PCMU part. Detailed discussions also place in regard to the DPP approval of the URP PCMU part.

The 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup> Project Steering Committee (PSC) meeting of the "Urban Resilience Project (URP) (PCMU Part)" was held on



**18<sup>th</sup> Project Steering Committee Meeting**



**Project Implementation Committee Meeting**

September 15, 2022; December 5, 2022; March 09, 2023; and the May 25, 2023, respectively under the Chairmanship of the Secretary, Planning Division, Ministry of Planning. In these meetings project updates for DDM, DNCC, RAJUK and PCMU component were discussed.

Besides, the M&E team submitted 3 quarterly reports and one Annual Progress Report. In this period PCMU had to go through several process to get the approval for its 3<sup>rd</sup> extension of the DPP from the ECNEC.

In this reporting period the 3<sup>rd</sup> revised DPP of the URP-PCMU part was approved from the Executive Committee of the National Economic Council (ECNEC) held on March 12, 2023. Within this approval the project duration of the URP-PCMU part was extended from May 2022 to October 2023. Followed by the DPP approval, PCMU-part completed to recruit the manpower through outsourcing in March 20, 2023.

Followed by the DPP (URP-PCMU part) approval from the ECNEC on March 12, 2023, the lead M&E Consulting firm (GOPA WorldWide *GmbH*) was asked to send the proposal for the M&E contract extension. At the beginning, the lead M&E consulting firm - GOPA WorldWide *GmbH* showed its intension not to continue the existing partnership with their local consortium Services Solution and International Ltd. (SSIL) and thus not to continue with the URP. Later the PD, URP-PCMU part arranged a multiparty virtual meeting with the GOPA WorldWide *GmbH* and SSIL in presence of the representative of the World Bank. Later, the lead M&E consortium firm - GOPA WorldWide *GmbH* signed the M&E contract with URP: PCMU part on June 12, 2023, to continue the consultancy services for Monitoring and Evaluation of Urban Resilience Project up to October 2023 as per the recommendation of the Proposal Evaluation Committee.

### **3-month projection-10 (July- September 2023)**

Followed by the contract extension of the M&E consulting firm, the pending quarterly progress reports along with the mentioned tasks are planned to be completed within the ongoing quarter.

1. Server purchase, configuration, and Secure Sockets Layer (SSL) certified installation for PMIS - July 15, 2023
2. Restoration of the PMIS (Project Monitoring and Information System) and make it visible - July 18, 2023
3. URP website assessment, error checking, debugging, and resolving plugins issue-July 22, 2023
4. Revision of the PMIS user manual- August 30, 2023
5. Conduction of the quarterly 22<sup>nd</sup> PSC meetings- Date- TBD
6. Preparation and submission of the 20<sup>th</sup> Quarterly Progress Report (QPR)-August 7, 2023
7. Preparation and submission of the 21<sup>st</sup> Quarterly Progress Report (QPR) and 5th Annual Progress Report (APR)-(July,22~ June,23)- August 7, 2023
8. Preparation and submission of the 22<sup>nd</sup> Quarterly Progress Report (QPR)- October 31, 2023
9. Coordination/approval of the 8-month time extension of the URP by the IMED September 30, 2023
10. Coordination/approval of the 8-month extension of the URP by the World Bank- September 30, 2023



### 3.5 Monitoring of Safeguard Compliance at URU Building

This Quarterly Environmental Progress (21st QPR) report covers the period April-June 2023 has been prepared to provide an assessment of the compliance of construction activities focusing on Environmental risks management in the ongoing civil works under RAJUK and DNCC and other IA status of work.

#### Overall status of the URU Building of RAJUK

The construction of URU-RAJUK complies with National Legislation of DOE and the World Bank Group (WBG) policies and guidelines. It has been realized following the WBG which sets out policy principles and outlines the delivery process for safeguarded policy in relation to environmental and social safeguards management.

The Safeguard issues covered during this period are review of project documents including World Bank Aide Memoire of October 2022, Monthly on-site instrumental monitoring reports on URU-RAJUK, empirical site inspection by M&E environment specialist and engineer, visual subjective monitoring efforts, including photographic verification, site security and safe traffic management, site drainage, solid and hazardous waste generation, transportation, and disposal, providing safety orientation and training for workers as well as personal protective equipment, sanitation facilities and safe drinking water for workers, and reporting any incidents or accidents of workers. Finally, the M&E team looked to see if there was any grievance redress mechanism or committee (GRM/GRC) in place to address citizen comments and complaints that were received due to construction activities at the site.

Further to note that, the task and responsibility of the Environmental Specialist of M&E is to monitor the implementation of appropriate preventive and mitigation measures being taken by the Contractors of URU-RAJUK to verify that they are being implemented in accordance with the following applicable national and World Bank Policies and guidelines.

- Environmental legislation of DOE-Bangladesh, considering standards of air quality, noise level, water quality, health and safety, waste and chemicals management.
- The World Bank Group's (WBG) environment health and safety (EHS) General Guidelines are the foundation of URU-RAJUK site-specific guidance that M&E are providing to Project Client, which have been adapted to the unique realities and circumstances of Bangladesh so that minimal, but adequate, levels of EHS preventive and protective mitigation measures can be implemented during the implementation of construction. Three (3) of the World Bank Group's revised Environmental and Social Standards are: ESS-1 contains guidance on setting up and operating an Environmental and Social Assessment and Management System while ESS-2 covers Labor and Working Conditions, and ESS-4 addresses Community Health, Safety and Security concerns.
- The storage areas for construction yard, equipment and raw materials are suitably demarcated, suitably located away from habitations and ecologically critical areas (canals and water bodies).
- Contractors' reporting on HSE remained inadequate and site visits were necessary to notify deviations and formally request corrective measures although minor,

### 3.5.1 Status of Environmental Safeguards

#### Air Quality

The objectives of instrumental monitoring of air emissions and ambient air quality are to identify environmental health and safety (EHS) project hazards and associated risks during the new under-construction building of Urban Resilience Unit of RAJUK (URU-RAJUK) operations. The air quality during this period April to June shows that, concentrations of ambient air quality monitoring parameters at monitoring location have been found complied in comparison to the standard limits of 'amended Schedule-2 of Bangladesh Environment Conservation Rules 1997' but exceed the WB standard refer to the 'Air Quality Guideline Global Updated, 2005/ WB Guideline- EHS General 2007'.

There may have external sources' impacts on this location such as public transportation, private vehicle movement, residential activities, etc. Mitigation measures have already been taken to control the air pollution. Water is spraying regularly to control dust at the construction and surrounding side.

Besides, to reduce the generation of dust owing to movement of construction materials including vehicles, regular water spray is being accomplished at construction site. Movement of construction debris are being covered while hauled and stored, roads properly cleaned, and water sprayed in order to minimize dust in air. In addition, to reduce the generation of dust/pollution in air, following measures are to be taken (Table-3.5.2):

- Fully enclose specific operations where there is a high potential for dust production and the site is active for an extensive period.
- Remove materials that have the potential to produce dust from site as soon as possible, unless being re-used on site.
- Impose and signpost a maximum-speed-limit of 5 km/h for vehicles moving at construction site.

#### Noise Level

During construction stage major source of noise is expected to be generated from transport of heavy vehicles which include dump trucks, bulldozer, cranes excavator etc. However, during this monitoring period, both daytime and nighttime noise level not exceeded from the standard set by Sound Pollution (Control) Rules-2006 at monitoring locations. All monitoring locations are fall under Residential, Mixed, and Commercial zone. Construction activity at those locations might be reasons of higher noise level.

The noise level at monitoring locations have been complied with the standard limit (for silent, commercial, and residential whereas applicable) set by the \*Sound Pollution (Control) Rules-2006, MoEFC, Government of Bangladesh.

#### Drinking Water

According to the Bangladesh Standards for Drinking Water, Schedule 3 (B) of Environment Conservation Rules 1997, mentioned parameters are complied with the drinking water quality criteria.

During this period, drinking (ground) water monitoring findings have been reviewed and provided in Table-7 of EQMS report of June 2023. The measured concentrations of Ground water quality monitoring parameters of Temperature, pH, arsenic, chloride, Iron and TDS have

been found within range/lower than national standard limits set for drinking water quality. Total Coliform and Fecal coliform are not detected in drinking water samples.

### **Surface water**

The surface water quality has been compared with the Bangladesh ECR standard for best practice-based classification criteria, The Table 10 of EQMS report of June 2023 shows the analysis results. All the analysed water quality parameters are within the acceptable limit of Bangladesh water quality standard (ECR, 1997).

### **Waste management**

Designated personnel were responsible for collection, transport, recycling and disposal of construction wastes at DNCC location. Observed good handling of wastes in the construction area.

### **Wastewater**

For the under-construction URU building, wastewater include contaminated wastewater from utility operations, storm water, and sanitary sewage detrimental to human health and the surrounding environment. The M&E team observed that, in specific work sites generate wastewater, sanitary (domestic) sewage, or storm water run-off considered necessary precautions such as water use efficiency to reduce the amount of wastewater generated to avoid, minimize, and control adverse impacts to human health, safety, or the environment.

### **Flora and Fauna**

No direct impact noted as the construction site is within the RAJUK confined territory. Few plantations at the western side at a separate plot, not impacted by any windblown dust.

## **3.5.2 Status of Social Safeguard**

### **Safety management**

The Environmental and Social Safeguard (ESS-2) policy of the World Bank was not properly maintained, although the URU-RAJUK Project committed to working in a way which supposed to ensure the health and safety of its workers, contractors, and local people around project hinterland (movement of people using the eastern side road of the project).

### **Health management**

Moderately provides the framework to protect the health, safety, and welfare of all workers at work, and of all other people who might be affected by the works (workers living shades, dining space).

### **Other important environmental components (IECs)**

No impacts noted associate with the construction yard surfaces and dust generation where roads are not paved, possible road accidents including falling objects from trucks.

## **3.5.3 Occupational Health and Safety**

*Impacts:* There can be anticipated injury and sickness of workers including infectious diseases such as HIV, COVID-19 etc. If the construction areas including the worker camp cannot maintain good sanitation status, the construction will be delayed, or some programs cancelled due to unnecessary epidemics.

**Suggested Mitigating Measures:** Contract provisions specifying minimum requirements for construction camps if any. Drinking water to be provided as per national and international drinking water standards (whichever are most stringent). Contractor to prepare and implement a health and safety plan and provide workers with required PPE. Contractor to arrange for health and safety awareness programs. Contractor needs to provide warning signs along the road while carrying materials in covered trucks. Providing flag men during working in such sensitive areas. Providing clear safe signs, barriers and light during nighttime while working inside the under-construction URU building. The workers and staffs should wear face mask during conversation with workers and local people to avoid COVID-19 epidemic and keep social distancing.

Further to mention, the M&E team conducted periodic inspection of water supply, sewerage, gas, electric lines to identify any flaws or conditions that are prone to accidents. Provision of fire-fighting equipment (extinguishers, fire hoses, alarms, etc.) has been prominently and easily accessible to all workers at construction sites. The Contractor should regularly check to make sure that it is all in working order.

**Table 3.5.1: Steps in Implementation of the GRM**

Step	Activities	Months 2023		
		April	May	June
1	Receiving of grievances, complaints, or concerns	N/A	N/A	N/A
2	Recording of the grievances, complaints, or concerns	N/A	N/A	N/A
3	Filing of grievances, complaints, or concerns	N/A	N/A	N/A
4	Acknowledgement of reception to a person submitting the grievance, complaint, concern	N/A	N/A	N/A
5	Preliminary assessment	N/A	N/A	N/A
6	Forwarding grievances, complaints or concerns to appropriate other entities (where applicable).	N/A	N/A	N/A
7	Detailed investigation	N/A	N/A	N/A
8	Resolution proposal	N/A	N/A	N/A
9	Closure	N/A	N/A	N/A
10	Follow up (as required)	N/A	N/A	N/A
11	Monitoring/evaluation and reporting	N/A	N/A	N/A

### **General recommendations and guideline based on findings:**

#### **COVID-19 Response and Management Best Practice**

- Although COVID-19 cases are declining, but continue employees' awareness of COVID-19, inform related knowledge and information, and tell every staff how to do daily protection and how to protect themselves from virus infection.



- COVID-19 related information and safety protection recommendations should be displayed at the entry of the office at Contractors' safety information board.
- Disinfect the workplace, canteen and other public area: 2 times a day (at 8 am and 3 pm) and keep a record.
- Disinfect the facilities, operational vehicles: 2 times a day (at 9 am, and 5 pm) and keep a record.
- Vehicles need to be disinfected when entering or leaving.

### Workers Health

- Organize epidemic prevention knowledge trainings that teach the correct method of wearing face masks and changing after 3 hours, hand washing and other protective measures.
- Inform all employees of the latest situation of COVID -19 and WHO recommendations.
- Post safety signs in office about mandatory requirements for wearing face masks.
- Place the disinfectant items in prominent locations, including antiseptic liquid, aseptic gel hand sanitizer, disinfectant water spray for surface disinfection, power disinfectant air spray for room and vehicles, etc.
- Distribute masks, hand sanitizer, thermometers to employees.

### Emergency Situation

- Workers need to train to escape from workplace in an emergency.
- Train the workers/staff about the use of emergency exit.
- Train the workers/staff to use the firefighting equipment.
- Conduct workplace safety drill everyday.




### First Aid Box emergency medicine list should include, not limited to:



Make sure designated person knows how to properly use all of the items in the first aid box, especially the medications. Train others in the team to use the box.

- |  |  |
|--|--|
| • Adhesive tape  | • Antiseptic solution (like hydrogen peroxide) |
| • Face Mask  | • Hydrocortisone cream (1%)                    |
| • Latex Hand Gloves to protect you from bodily fluids of others. | • Acetaminophen and ibuprofen                  |
| • Hand Sanitizer   | • Tweezers                                     |
| • Adhesive bandages (Band-Aids) in several sizes                 | • Sharp scissors                               |
| • Elastic bandage  | • Safety pins                                  |
| • Splint   | • Calamine lotion                              |
| • Anaesthetic spray  | • Alcohol wipes or ethyl alcohol               |
| • Antiseptic wipes   | • Thermometer                                  |
| • Antibiotic ointment  | • Saline                                       |
|  | • Triangular bandage                           |




**Table 3.5.2: Environmental issues and mitigation measures**

The environmental monitoring practices in the project sites have been presented in the following table during URU construction period, April-June 2023.

Sl. No.	Environmental Issues	Mitigation Measures	Remarks
1.	Worker's health management	<ul style="list-style-type: none"> <li>Waterlogging in the basement area may cause the growth and increase of <i>Aedes mosquito larvae</i>.</li> </ul> 	<ul style="list-style-type: none"> <li>Removal of waterlogging is necessary</li> <li>Regular Disinfection and destroying the insecticides is necessary to combat the outbreak of dengue fever</li> </ul>
Capture date: 19.06.2023			
2.	Waste Disposal and Management	<ul style="list-style-type: none"> <li>Designated personnel responsible for managing the hazardous as well as any construction related wastes.</li> <li>Construction solid wastes accumulate in a designated place for recycling, reusing or sold out to a third party.</li> </ul> 	<ul style="list-style-type: none"> <li>Observed good handling of wastes in the construction area.</li> <li>New bins need to be added in project site.</li> </ul>
Capture date: 26.06.2023			
3.	Drainage	<ul style="list-style-type: none"> <li>Good drainage system around the whole project site and major construction area.</li> </ul> 	<ul style="list-style-type: none"> <li>Drainage System well maintained.</li> </ul>
Capture date: 24.06.2023			
4.	Noise (Noise Pollution)	<ul style="list-style-type: none"> <li>Barricade Around the Project Area has been Observed.</li> </ul>	<ul style="list-style-type: none"> <li>No issues observed during the monitoring period.</li> </ul>

		<ul style="list-style-type: none"> <li>▪ Ear Plug Provided to the Workers.</li> <li>▪ Silencer Used for Heavy Machineries.</li> <li>▪ Acoustic Enclosure Progressing.</li> </ul>	
5.	Odor	<ul style="list-style-type: none"> <li>▪ Daily Wastes accumulate and store in different plastic garbage bin with lid.</li> <li>▪ Every day waste is being delivered to city corporation trucks which are covered.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Garbage bins are added.</li> </ul>
6.	Latrine area (Sanitation)	<ul style="list-style-type: none"> <li>▪ Every 8-10 persons use one washroom.</li> <li>▪ Sweeper and cleaner working relentlessly.</li> <li>▪ Clean washroom observed.</li> </ul> 	<ul style="list-style-type: none"> <li>▪ Neat and clean washroom is essential.</li> </ul>
Capture date: 26.06.2023			
7.	Workers living area and Working Conditions	<ul style="list-style-type: none"> <li>▪ Safety officer responsible to monitor working conditions continuous.</li> <li>▪ Comfortable working condition for the workers.</li> <li>▪ Regular Housekeeping Maintained</li> </ul> 	<ul style="list-style-type: none"> <li>▪ Housekeeping needs to maintain properly.</li> </ul>
Capture date: 28.06.2023			
8.	Dust control (dust/air pollution)	<ul style="list-style-type: none"> <li>▪ Water spraying as when and where needed.</li> <li>▪ Tanker and manual water spraying with rotation basis.</li> <li>▪ Applied to the approach roads, construction yard and base camp pavements.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Water spraying observed and suggested to increase the tanker rotations.</li> <li>▪ No major issues observed during monitoring period.</li> </ul>

## Annual Progress by URP Sub-Components for fiscal year 2022-23

9.			
Capture date: 26.06.2023			
10.	PPE, Health and first aid box	<ul style="list-style-type: none"> <li>▪ Toolbox meeting conducted in every morning before working hour.</li> <li>▪ No entry without PPE in camp sites.</li> <li>▪ Inhouse health checkup available in camp.</li> <li>▪ First aid box available in camp.</li> <li>▪ Ear plug, hand gloves, goggles, safety shoes, helmet etc. are provided and maintained well.</li> </ul>	<ul style="list-style-type: none"> <li>▪ All workers must maintain safety gears.</li> </ul>
			
Capture date: 26.06.2023			



## CHAPTER

## 4

## Financial Progress for the FY 2022-23

This section of the report categorically describes the financial progress of the implementing agencies based on the approved cost, quarterly allocation and disbursement. The URP was supposed to be completed by June 30, 2020. But, in the first three years, there was very little progress (at least in relation to what was expected). Therefore, in late 2019, the Government of Bangladesh (GoB) requested the World Bank to extend and restructure the Project. Subsequently, the Bank accepted that request and agreed to extend the Project for 22 months until April 2022. It also restructured the Results Framework, and reallocated Project funds among the four IAs. In January 2020, the project experienced its initial restructuring by reallocating its budget across its numerous components. The project's key stakeholders requested a further time extension to complete the project activities allowing sufficient time at the 16<sup>th</sup> PSC meeting, acknowledging that the project's work was running behind schedule due to the impact of COVID-19 pandemic. Later, the World Bank has also raised the issue in their ISR mission (March 30 ~ April 17, 2022) and provided approval in the Aid memoir. The closing date was extended from April 30, 2022, to October 31, 2023. The second restructuring has been taken place on the March 2023. The Project Coordination and Monitoring Unit (PCMU) was able to save 1.124 million USD (3.876 million USD Instead of 5 million USD) as a result of the restructuring. Agency-wise data on approved costs is presented in **Table 4.1**.

It is shown that the Urban Resilience Project (URP) is being implemented at a total cost of 150,489.01 Lac BDT over nearly eight (8) years (August 3, 2015, to October 31, 2023). According to restructured allocation, more than 95% of the cost is in the form of a donor-provided "line of credit" from the World Bank. There are four implementing agencies: DNCC, RAJUK, DDM and PCMU. DNCC is the largest agency responsible for spending 81,222.64 Lac BDT (54%), followed by RAJUK at 53,665 Lac BDT (35.7%), DDM at 12,315 Lac BDT (8.2%) and PCMU at 3,286.37 Lac BDT (2.2%).

**Table 4.1: Agency-wise Approved Costs for the Urban Resilience Project:**

Implementation Agency (July 1, 2015 – October 31, 2023)	Total Cost	GoB	WB credit	Total Commitment Amount by WB (US\$ millions)
	(Lac Tk.)	(Lac Tk.)	(Lac Tk.)	
<b>DNCC</b>	81,222.64 (100%)	1,455 (1.8%)	79,767.64 (98.2%)	<b>US \$95</b>
<b>RAJUK</b>	53,665 (100%)	3,515 (6.5%)	50,150 (93.5%)	<b>US \$59</b>
<b>DDM</b>	12,315 (100%)	965 (7.8%)	11,350 (92.2%)	<b>US \$14</b>
<b>PCMU</b>	3,286.37 (100%)	241.58 (7.4%)	3,044.79 (92.6%)	<b>US \$3.876</b>
<b>Total</b>	<b>150,489.01 (100%)</b>	<b>6,176.58 (4.1%)</b>	<b>145,697.64 (95.9%)</b>	<b>US \$171.876</b>

*NB: Figures in parentheses indicate percentage.*

#### 4.1 DDM: Quarter and Annual Allocation vs Actual Expenditure

Component A (Reinforcing the country's Emergency Management Capacity) is being implemented by the Department of Disaster Management (DDM) and Dhaka North City Corporation (DNCC) on behalf of Dhaka South CC, Sylhet CC, and Fire Service and Civil Defence (FSCD). Of the five (5) sub-components under Component A, DDM is managing the implementation of two sub-components, A-1: Renovating and equipping office space within the DDM building for the Emergency Response Control Centre (ERCC) & National Disaster Management Research and Training Institute (NDMRTI); and A-5 (Enhancing the ERM capacity of ERCC & NDMRTI and local level city corporations and FSCD in Dhaka & Sylhet with Training, Exercise and Drill (TED)).

The total cost of these two sub-components under DDM is **12,315 Lac BDT** over the Project's entire 8-year period of performance. During the fiscal year (FY2022-23), DDM's financial performance was remarkably low. The TED program was restarted in the last quarter of the previous fiscal year (April–June 2022) after a long-drawn break, and some little progress was made. However, for the entire fiscal year, **total expenditures of 1677.00 Lac BDT** represented just over near half (56%) of DDM's total **revised** annual allocation of **1,970.00 Lac BDT**. Of which, 595.99 lac BDT (64%) were for the TED in the 4<sup>th</sup> quarter. The remaining amount of **421.31 Lac BDT** was spent on Project Implementation Unit (PIU).

**Table 4.2: Quarterly and Annual Expenditures of DDM in Fiscal Year 2022-2023 (Lac BDT)**

Sub-Component	Expenditures in 1st Quarter (Jul-Sep 2022)	Expenditures in 2 <sup>nd</sup> Quarter (Oct-Dec 2022)	Expenditures in 3 <sup>rd</sup> Quarter (Jan-Mar 2023)	Expenditures in 4 <sup>th</sup> Quarter (Apr-Jun 2023)	Total Expenditures in FY 2022 - 2023
<b>A1</b>	0.00 0.00%	0.00 0.00%	0.00 0.00%	0.00 0.00%	0.00 0.00%
<b>A5:</b>	0.00 0.00%	0.00 0.00%	0.00 0.00%	595.99 87.02%	595.99 64.40%
Expenditures on PIU	26.52 100.00%	95.15 100.00%	99.81 16.21%	199.83 21.27%	421.31 25.12%
Total Expenditures	26.52 100%	95.15 100%	615.68 100%	939.65 100%	1677.00 100%
Quarterly and Annual	50.00	100.00	600.00	1220.00	1,970.00
% of Expenditures to Quarterly Allocation	<b>53.04%</b>	<b>95.15%</b>	<b>102.61%</b>	<b>77.02%</b>	<b>85.13%</b>

#### 4.2 DNCC: Quarter and Annual Allocation vs Actual Expenditure

DNCC is implementing three (3) sub-components (A-2, A-3 & A-4) of Component A (Reinforcing the Country's Emergency Response Management (ERM) System) at a total cost of **81,222.64 Lac BDT** over the entire 8-year life of the URP. The total amount of the 8<sup>th</sup> Year annual allocation for the three (3) sub-components under DNCC's management and guidance was **300.00 Lac BDT** spread out in 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> quarterly allocations of **90.00 Lac**, **70.00 Lac**, **70.00 Lac** & **70.00 Lac BDT** during FY2022-23.

It should be noted that DNCC claimed to have sent RADP Allocation BDT 5,035.00 lac to its respective ministry, and as a result, funds were released during the fiscal year 2022–2023 (RPA released BDT 4,871.33 lac and GoB released BDT 50.00 lac), despite the fact that the revised amount was not reflected in the RADP.

DNCC’s overall financial progress for the FY 2022-23 was more than eight times of its allocated amount. The majority of these expenditures went toward procuring emergency communication technology (ECT) equipment under Sub-component A-3, followed by Design, build and equip ERM facilities in Dhaka and Sylhet under sub-component (A-2).

In terms of its financial performance in the 4<sup>th</sup> quarter, DNCC spent **364.94 Lac BDT, which was more than five times of its quarterly allocation**. Another issue to be noted here is that due to LC cancelation, BDT 703.04 Lac and 759.89 Lac have been readjusted to subcomponents A-3 and A4 respectively which made negative value (–1097.99 lac BDT). This was significantly different from its previous expenditures of 1,624.6 (1,805.11%), 1,473.9 (2,105.57%), and 694.68 (992.4%) Lac BDT in the first, second, and third quarters, respectively.

Under Sub-component A-2 to “Design, Build and Outfit Local City Corporations and FSCD with ERM facilities in Dhaka and Sylhet,” DNCC spent **333.01 Lac BDT** or 12.36% of total annual expenditures. Under Sub-component A-3 to “Procure specialized ECT equipment” for national level organizations (e.g., DDM and FSCD) as well as for city corporations in Dhaka and Sylhet (that is, DNCC, DSCC and SCC), DNCC spent **1,818.19 Lac BDT** or 67.46% of all expenditures. We did see some fluctuating trend in expenditures, while this was a bit unexpected. **However, as the yearly allocation has only been set at 300 lac BDT while the expenditure was much higher, DNCC is expecting to resolve the issue in the coming financial year.**

**Table 4.3: DNCC Quarterly and Annual Expenditures in Fiscal Year 2022-2023 (Lac BDT)**

Component A		Expenditures in 1st Quarter (Jul-Sep 2022)	Expenditures in 2 <sup>nd</sup> Quarter (Oct-Dec 2022)	Expenditures in 3rd Quarter (Jan-Mar 2023)	Expenditures in 4th Quarter (Apr-Jun 2023)	Total Expenditures in FY 2022 - 2023
A-2	Design, build and equip ERM facilities.	218.26	0.00	0.00	114.75	333.01
		13.43%	0.00%	0.00%	35.68%	12.36%
A-3	Procure specialized ECT equipment.	1236.65	911.78	329.43	-659.67	1818.19
		76.12%	61.86%	47.42%	46.47%	67.46%
A-4	Procure SAR equipment	0.00	0.00	0.00	-759.89	-759.89
		0.00%	0.00%	0.00%	53.53%	-28.19%
Expenditures of PIU		169.69	562.12	365.25	206.82	1303.88
		10.45%	38.14%	52.58%	64.32%	48.38%
Total Expenditures		1624.6	1473.9	694.68	-1097.99 (-1462.93+364.94)	2,695.19
		100.00%	100.00%	100.00%	100.00%	100.00%
Quarterly and Annual Allocations		90.00	70.00	70.00	70.00	300.00
% of Expenditures to Total Allocation		1805.11%	2105.57%	992.40%	-1568.56%	898.40%

### 4.3 RAJUK: Quarter and Annual Allocation vs Actual Expenditure

RAJUK made fewer financial progress under Component B since there is no expenditure after 2<sup>nd</sup> quarter of fiscal year 2022-23. Looking at financial figures by quarter, we see an amount of only **1476.92 Lac BDT** for the 2<sup>nd</sup> quarter representing 63.54% of the quarterly allocation of **2500.00 Lac BDT**.

RAJUK made steady, but uneven financial progress under Component C during the fiscal year 2022-23. By the end of the fiscal year on June 30, 2023, total expenditures of **4,757.74 Lac BDT** had reached over **72%** of the total combined annual allocation of **8,900 Lac BDT** for both Components B and C. However, if we add the annual expenditures for Component B (above) of 1,476.92 Lac BDT, then the combined total expenditures of **6,234.66 Lac BDT** for both Components B and C reached 70.05% of that overall total annual allocation. This means that RAJUK has could not achieve substantial financial progress in Fiscal year of 2022-23.

Looking at the financial figures by quarter for **Component C** only, we see from the table below that at the first quarter an amount of **30.53 Lac BDT (15.27% with respect to its quarterly allocation)** was spent while expenditures picked up to **2324.29 Lac BDT (92.97% with respect to its quarterly allocation)** in the 2<sup>nd</sup> quarter. They then exploded in the 3<sup>rd</sup> quarter to **1730.33 Lac BDT**, or only 57.68% of the 3<sup>rd</sup> quarter allocation, later the expenditure raised to **2498.38 Lac BDT** in the final 4<sup>th</sup> quarter of the fiscal year (also just over 78% of the 4<sup>th</sup> quarter combined allocation). Thus, total annual expenditures for the year under Component C were **4,757.74 Lac BDT**.

Looking at expenditures by sub-component, we saw a very uneven performance financially. Sub-component C-1 represented the largest expenditures of any sub-component within Component C at 2,678.56 Lac BDT, or nearly 41% of total expenditures followed by Sub-component B-1 at 1,476.92 Lac BDT (22%). While the remaining expenditure comprised 1052.90 (15.99%) in sub-component C-2 (ECPS) and 1026.28 (15.59%) in Sub-component C-4 (BNBC Enforcement). Now, when we combine quarterly and annual expenditures for both Components B and C together, we can see the full picture for RAJUK. For the entire fiscal year 2022-2023, RAJUK spent **1,476.92 Lac BDT**, or just over 22.43% of its total annual allocation of 8,900 Lac BDT, on Component B activities to assess the seismic vulnerability of critical and essential buildings and infrastructure in Dhaka and Sylhet. Meanwhile, RAJUK spent **4757.74 Lac BDT**, or 72.27 %, on Component C activities to reduce the vulnerability of critical and essential buildings and infrastructure in Dhaka through improved building and infrastructure construction and risk-sensitive land-use planning (RSLUP).

The remaining 5%, or **348.87 Lac BDT**, was spent on very large, and ever-increasing PIU staff salaries, supplies, and equipment.

**Table 4.4: RAJUK Quarterly & Annual Expenditures in Fiscal Year 2022-2023 (Lac BDT)**

Components B and C	Expenditures in 1st Quarter (July-Sept 2022)	Expenditures in 2nd Q (Oct-Dec 2022)	Expenditures in 3rd Quarter (Jan-Mar 2023)	Expenditures in 4th Quarter (Apr-Jun 2023)	Total Expenditure for FY (2022-2023)
<b>Component B: Vulnerability Assessment of Critical and Essential Facilities</b>					
B-1	0.00	1476.92	0.00	0.00	1,476.92
	0%	64%	0%	0%	22%
B-2	0.00	0.00	0.00	0.00	0.00
	0.00%	0.00%	0.00%	0.00%	0.00%



Sub-total: Component B	0.00	1476.92	0	0	1,476.92
	0.00%	63.54%	0.00%	0.00%	22.43%
<b>Component C: Improved Construction, Urban Planning and Development</b>					
C-1	0.00	708.91	0.00	1,969.65	2,678.56
	0%	31%	0%	79%	41%
C-2	0.00	0	617.00	435.9	1,052.90
	0.00%	0.00%	35.66%	17.45%	15.99%
C-3	0.00	0	0.00	0	0.00
	0%	0%	0%	0%	0%
C-4	0.00	0	1026.28	0	1,026.28
	0.00%	0.00%	59.31%	0.00%	15.59%
Sub-total: Component C	0.00	708.91	1643.28	2405.55	4,757.74
	0.00%	30.50%	94.97%	96.28%	72.27%
PIU Expenditures	30.53	138.46	87.05	92.83	348.87
	100%	6%	5%	4%	5%
Total Expenditures	30.53	2324.29	1730.33	2498.38	6,583.53
	100.00%	100.00%	100.00%	100.00%	100.00%
Allocation	200.00	2500.00	3000.00	3200.00	8,900.00
% of Total Expenditures to Allocation	15.27%	92.97%	57.68%	78.07%	73.97%

#### 4.4 PCMU: Quarter and Annual Allocation vs Actual Expenditure

PCMU's expenditures consist of salaries and allowances of Project staff, office equipment and supplies, and consultants working for them. PCMU's expenditures are divided under two broad headings: (1) Goods and consulting services, and (2) PCMU's own expenses. Almost no expenditures from PCMU were found during the year, with the exception of the fourth quarter. Due to the DPP's delayed approval, PCMU was unable to spend during all three quarters.

As shown in the table below, its total expenditures for the entire year were **302.42 Lac BDT**, or **79.58%** of its annual allocation. PCMU spent all 302.42 Lac BDT in the fourth quarter alone, of which just 15.17 Lac BDT (5%) was given out for PIU expenses.

**Table 4.5: PCMU Quarterly and Annual Expenditures in FY 2022-23 (In Lac BDT)**

Component D: Project Coordination, Monitoring & Evaluation	Expenditures in 1st Quarter (July-Sept 22)	Expenditures in 2nd Q (Oct-Dec 2022)	Expenditures in 3rd Quarter (Jan-Mar 23)	Expenditures in 4th Quarter (Apr-Jun 23)	Total Expenditure for FY (22-23)
Consulting fees	0.00	0.00	0.00	287.25	287.25
	0.00%	0.00%	0.00%	94.98%	94.98%
Expenditures of PIU	0.00	0.00	0.00	15.17	15.17
	0.00%	0.00%	0.00%	5.02%	5.02%
Total Expenditures	0	0	0	302.42	302.42
	00%	00%	00%	100%	100%
Quarterly and Annual Allocations	95.00	95.00	95.00	95.00	380
% of Expenditures to Total Allocation	0.00%	0.00%	0.00%	318.34%	79.58%

## 4.5 Financial Analysis of PIU Performance

PIU-expenditures and non-PIU expenditures by IAs in FY 2022-23 are presented in **Table 5.6** below. In total for all four IAs, about 2,089.23 **Lac BDT** was spent on PIUs staff salaries, office equipment and supplies in FY 2022-23. This represents **18.56%** of all project expenses, which is a substantial sum of money to be used to carry out the project.

Looking at the figures below, it is obvious that RAJUK was the most efficient IA in terms of funds spent for project activities vs. PIU staff salaries and supplies. Paradoxically, they were able to generate the largest expenditures **by far** with the lowest overall PIU costs **by far**, spending over 6234 Lac BDT using nearly 348 Lac BDT for their PIU. This means that 94.7% of all their expenditures went for Project purposes. Another way to look at this is that for every Taka that RAJUK spent on their PIU, they generated over 17 Taka in Project ‘financial progress’.

In contrast, DNCC spent around half of their expenditures on their PIU, and only half on Project activities, generating only 1.1 Taka in financial progress for every Taka spent on their PIU staff.

However, in absolute terms, PCMU spent nearly 302.42 Lac BDT but only generated just over 18.9 Taka for every Taka spent for their PIU staff, supplies, and equipment. The average “per Taka” earned per Taka spent on PIUs was 4.4, but this was heavily influenced by RAJUK’s performance.

DDM’s PIU costs were inordinately high given the lack of physical and financial progress made last year. PIU expense of DDM comprised 25% of total annual expenditure. However, TED training finally began after a protracted delay.

**Table 4.6: Comparison of PIU Expense & Non-PIU Expenditure for FY22-23 (in Lac BDT).**

Implementing Agencies	ADP Allocation	ADP Expenditures	Expenditures as % of Annual Allocation	Annual PIU Expenditures	Annual PIU Expenditures as % of Total Expenditure	Annual PIU expense per unit of Project Expenditures
DDM (A-1 & A-5)	1,970	1,677.00	85.13%	421.31	25.12%	3.0
DNCC (A-2, A-3 and A-4)	300.00	2,695.19	898.40%	1303.88	48.38%	1.1
RAJUK (B and C)	8,900.00	6,583.53	73.97%	348.87	5.30%	17.9
PCMU (D)	380.00	302.42	79.58%	15.17	5.02%	18.9
TOTAL	11,550.00	11,258.14	97.47%	2089.23	18.56%	4.4

## 4.6 Overview of URP-wide Financial Status and Progress

Data on the financial progress of the URP during FY 2021-22 is provided in **Table 4.7**, which shows that all four (4) implementing agencies **spent only 11,258.14 Lac BDT in 2022-23**.

This means that the project spent about 97% of its annual allocation of 11,550 Lac BDT and the remaining 291.85 Lac BDT (3%) was not spent. Distribution of financial progress across all IAs shows that DDM has achieved the highest progress about 85% followed by PCMU at 79%, and RAJUK at 73%. Financial progress of DNCC in FY 2022-23 was highest at more than 800%. The reason behind the issues are: (1) DNCC neither predict the expenditure beforehand and (2) It could not adjust the allocation during the RADP processing. Furthermore, due to LC cancelation, BDT 703.04 lac and 759.89 lac have been readjusted to subcomponents A-3 and A4 respectively which made negative value (–1097.99 lac BDT) in the fourth quarter expenditure. However, Quarter-wise financial progress shows that overall URP financial progress in the first quarter was lowest (1682 lac BDT) and fourth quarter was highest (4105 lac BDT).

Among the IAs, **RAJUK** is the pioneer in achieving its financial progress. In 2022-23, it has achieved the progress of 58% of total annual expenditure of URP and 74% of its total annual allocation of Rajuk. Out of its total annual allocation of 8,900 Lac BDT, RAJUK spent 6,583 Lac BDT. This means that RAJUK could not spend more than 2 crore BDT of its allocated money in FY 2022-23. From the data presented in Table 5.7, it shows that RAJUK's financial performance across all quarters ranged from 15% to 78%.

**DNCC**, the largest implementing agency, spent 4,158 Lac BDT in FY 2022-23. This is 24% of total annual expenditure of URP and more than 800% of its total annual allocation of DNCC. Among the IAs, DNCC has shown the second-best financial progress after RAJUK. Quarterly distribution of financial progress highly uneven. In terms of its financial performance in the **4<sup>th</sup> quarter**, DNCC spent **364.94 Lac BDT**, which was more than five times of its quarterly allocation. Another issue to be noted here is that due to LC cancelation, BDT 703.04 lac and 759.89 lac have been readjusted to subcomponents A-3 and A4 respectively which made negative value (-1097.99 lac BDT). This was significantly different from its previous expenditures of 1,624.6 (1,805.11%), 1,473.9 (2,105.57%), and 694.68 (992.4%) Lac BDT in the first, second, and third quarters, respectively.

In FY 2022-23, **DDM** had a better financial performance, accounting for 15% of URP's total annual spending and 85% of its overall yearly allocation. The TED program was restarted in the last quarter of the previous fiscal year (April-June 2022) after a long-drawn break, and some little progress was made. However, for the entire fiscal year, **total expenditures of 1677.00 Lac BDT** represented just over near half (56%) of DDM's total **revised** annual allocation of **1,970.00** Lac BDT. Of which, 595.99 lac BDT (64%) were for the TED in the 4<sup>th</sup> quarter. DDM could not spend more than 2 crore BDT of its allocated money in FY 2022-23. Its financial performance across all quarters ranged from 53% to 102%.

**PCMU**, the smallest player with respect to financial resources under its allocation, has occupied fourth position in financial achievement. Table 5.7 shows that it spent 3% of total annual expenditure of URP and 79% of its total annual allocation of PCMU. It also appears that PCMU could not *burn* 77 lac BDT in 2022-23. Quarter-wise distribution of financial progress shows that PCMU has spent all 302.42 Lac BDT (318%) in the fourth quarter alone.

**Table 4.7: Quarter Allocations & Expenditures of 1st-4th Quarter of FY 2022-23 (Lac BDT)**

Implementing Agency		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TOTAL
<b>DDM</b>	Allocation	50.00	100.00	600.00	1220.00	1,970
	Expenditures	26.52	95.15	615.68	939.65	1677.00
	E/A Ratio %	53.04%	95.15%	102.61%	77.02%	85.13%
<b>DNCC</b>	Allocation	90	70	70	70	300
	Expenditures	1624.60	1473.90	694.68	-1097.99	2695.19
	E/A Ratio %	1805.11%	2105.57%	992.40%	1568.56%	898.40%
<b>RAJUK</b>	Allocation	200.00	2500.00	3000.00	3200.00	8,900
	Expenditures	30.53	2324.29	1730.33	2498.38	6583.53
	E/A Ratio %	15.27%	92.97%	57.68%	78.07%	73.97%
<b>PCMU</b>	Allocation	95.00	95.00	95.00	95.00	380
	Expenditures	0.00	0.00	0.00	302.42	302.42
	E/A Ratio %	0.00%	0.00%	0.00%	318.34%	79.58%
<b>Total</b>	Allocation	435	2,765	3,765	4,585	11,550
	Expenditures	1,682	3,893	3,041	2,642	11,258.14
	E/A Ratio %	386.59%	140.81%	80.76%	57.63%	97.47%

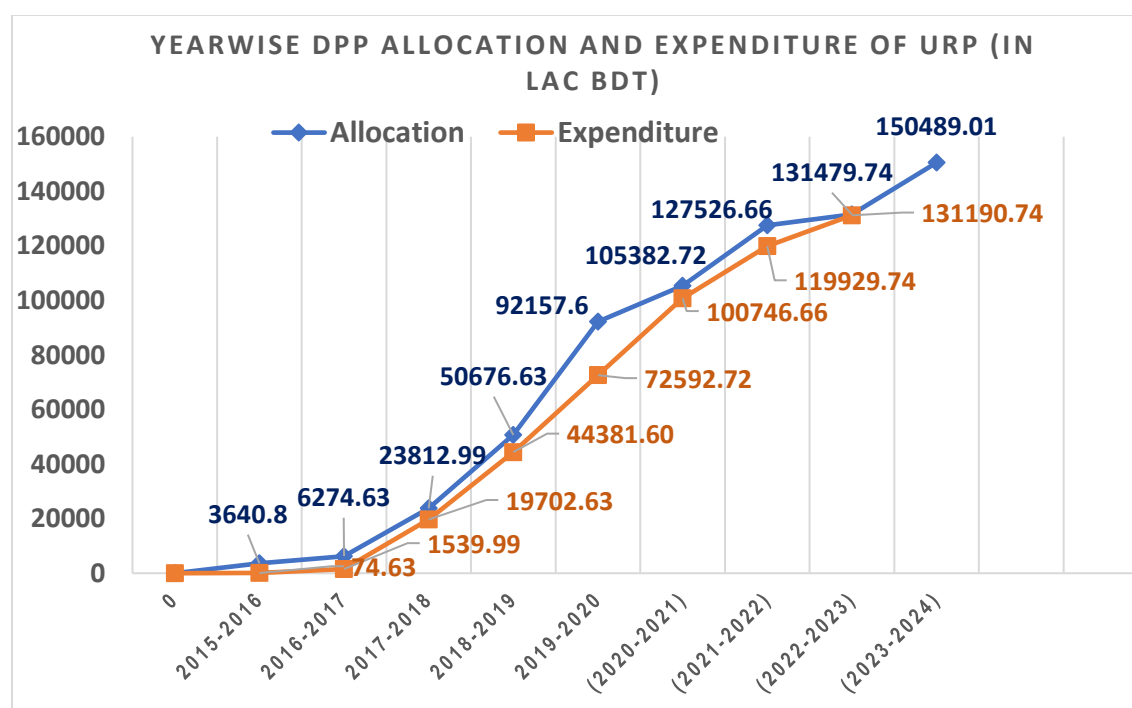
## 4.7 Cumulative Financial Progress of URP: June 2015 - June 2023

As of June-2023, a total of **131,190.74** lac BDT had been spent since the start of the URP back in June of 2015. This is about 89% of the total approved cost of **150,489 Lac BDT** (Table 5.1). The financial progress of the Project from July 2015 to June 2019 (that is, at the time the URP was “restructured”) was only 29.5%. Thus, financial progress just in the last four fiscal years were more than 57% of total expenditures since 2015. At this rate of financial progress, total expenditures will add 5% more to the 93% at the time of closing of current phase (October 2023). However, there are only four (4) months left in the Project’s newly revised closing date (October 2023). Agency-wise progress as shown in **Table 4.8 indicates** that DNCC and PCMU have achieved the highest level of financial progress at over 92% of its total expected expenditures over the life of the Project, RAJUK at 84%, and DDM lagging behind at 65% with prospect for improvement before the end of the project.

So, in order to achieve the total financial progress rest 12% of the project’s total cost need to spend in the remaining four (4) months.

**Table 4.8: Overall Financial Progress of URP till June 2023**

Implementing Agency Name	Total Approved Cost (RDPP)	Total Expenditure (Up to June 2021)		Total Expenditure (Up to June 2022)		Total Expenditure (Up to June 2023)	
	(lac Tk.)	Lac Tk.	In percent	Lac Tk.	In percent	lac Tk.	In percent
DNCC	81,223	67,412.93	83.00%	72,028.53	88.68%	74,723.72	92.00%
RAJUK	53,665	25,619.83	47.74%	38,810.82	72.32%	45,394.35	84.59%
DDM	12,315	5,420.22	44.01%	6,345.70	51.53%	8,022.70	65.15%
PCMU	3,286	2,296.55	69.88%	2,747.55	83.60%	3,049.97	92.81%
<b>Total</b>	<b>150,489</b>	<b>100,749.53</b>	<b>66.95%</b>	<b>119,932.60</b>	<b>79.70%</b>	<b>131,190.74</b>	<b>87.18%</b>





# CHAPTER 5

## Challenges and Opportunities

This chapter summarizes the challenges facing the URP during the last fiscal year 2022-23. Continuation of the monitoring and evaluation work was one of the major challenging tasks for the URP M&E team as their contract was not yet renewed since May 2022 until June 2023, but it was mitigated when the DPP of URP-PCMU part was approved from the ECNEC in March 2023. Besides, the progress of the overall project activities is still behind the schedule except the TED (Training, Exercise and Drill) program of DDM.

The construction work of the Urban Resilience Unit (URU) of RAJUK along with its institutionalization process and piloting of the Electronic Construction Permitting (ECP) System appeared significantly delayed behind schedule. Following section categorically described the challenges facing the URP from the last year.

### 5.1 Disruption of the Monitoring and Evaluation work for URP

In the last fiscal year, the most significant challenges faced by the Monitoring and Evaluation team was the continuation of the M&E function for the Urban Resilience Project under component D. This challenge arises when the contract of the M&E team was expired with the planning commission in April 2022. The regular M&E work was disrupted, the M&E team had limited movement to the field with inadequate resources and consultants having no operational budget to conduct the Monitoring, Evaluation, Reporting and Verification activities (MERV) for the project. However, within this critical period the team worked to produce the scheduled deliverables and submitted the 16<sup>th</sup> QPR, 17<sup>th</sup> QPR, 18<sup>th</sup> QPR with 4<sup>th</sup> Annual Progress Report.

This had happened for the lengthy and delayed review and approval process of the DPP of the component D which was submitted for approval in February 2022. After that several Project Evaluation Committee (PEC) meetings were conducted for the review and approval. Later on, March 12, 2023, the DPP of the component D was finally approved with a duration from May 2022 to October 2023 by the Executive Committee of the National Economic Council (ECNEC). With this approval the year-round challenge was neutralised, and the contract was extended with the M&E team on June 12, 2023. As soon as the contract was extended the M&E team moved for the field verification and monitoring and the PCMU undertook to organise the technical committee meeting to review the mentioned submitted quarterly and annual reports. The M&E team also submitted the 20<sup>th</sup> and 21<sup>st</sup> QPR along with the 5<sup>th</sup> Annual Progress report in the meantime.

### 5.2 Challenges associated with multiple sub-components of URP-RAJUK part.

RAJUK is responsible to implement six (6) very crucial and significant subcomponents of the urban resilience project. Detailed implementation updates of these sub-components have been described both in the chapter two and chapter three.

These challenges are unique in nature depending on their implementation progress. Although the works for some of the components are completed (for example B-1 and B-2) but challenges still associated with the implementation of the outcomes of these works.

## Challenges and Opportunities

Again, challenges also associated with some of the sub-components (URU construction, URU operationalization, implementation of the ECP) those has not yet been implemented. And it's a challenge to complete these works in the existing project duration. In the following section we are categorically describing these challenges in specific.

### 5.2.1 Challenges in the Implementation of recommendations of the Vulnerability Assessment of Critical and Essential Facilities and Lifelines

Under **Sub-component B-1** (Vulnerability Assessment of Critical and Essential Facilities and Lifelines), a Long-term Investment and Strategy Guideline has been prepared after completion of all Rapid Visual Assessment (RVA), Preliminary Engineering Assessment (PEA)- and Detailed Engineering Assessment (DEA). The at-risk public infrastructure, including critical and essential facilities and lifelines, assess their vulnerability to earthquakes and other hazards are identified, and a city-wide vulnerability reduction program was developed which includes priorities and budgets for physical strengthening, retrofitting or replacement. But the implementation strategy to implement the program has not yet been formulated. As like other projects in Bangladesh preparation of a plan/project is important but the implementation of the plan is more important.

Within 3252 buildings, PEA conducted for 579 buildings, DEA completed for 229 buildings and depending on the risks associated in the study retrofitting suggested for 187 buildings and 42 buildings were suggested to demolish. But the problem arises with the implementation of these suggestion, and the responsibility of the appropriate agency/body of the government who will conduct this retrofitting and demolition work. Under the project study if the vulnerability and the risks are identified, the recommendations proposed to address those risks i.e., the retrofitting and demolition work needs to be implemented in the soonest possible time. This will save the human lives and the national structures and resources. Since all these assessment work has been conducted for the important govt/ institutes i.e., schools, colleges, hospitals. The outcomes of these study should be taken as a priority agenda for the concerned ministry as the loss of human lives are associated here. Although RAJUK sent official letter two times to these govt. institute to demolish and to vacate but still those structures were not yet abandoned for use of its intended purpose.

### 5.2.2 Challenges in the utilizing of the Risk Sensitive Land use planning – RSLUP practises

Under **Sub-component B-2** (Risk Sensitive Land use planning - RSLUP), the Risk Sensitive Land Use Strategy of Dhaka City has been prepared. All validation meetings were completed, and the Final Consultancy Report submitted addressing full documentation. All planned activities in the package have been completed. The RSLUP is a rich document in terms of its spatial features. This is the outcome of the 400 Nos Microtremor Test (MT), 373 Standard Penetration Test (SPT), 382 Seismic Downhole Test (SDHT), 4,665-meter Cone Penetration Test (CPT) and 400 nos of Seismic Cone Penetration Test (SCPT).

All necessary seismic data has been incorporated in the study using high resolution satellite image with Geographic Information System (GIS) data. For the approval of the individual, residential, commercial design and any type of special project plan the RSLUP data should be considered as a policy document for the RAJUK and the other building plan approval agencies. Unless this RSLUP and the Hazard Micro-zonation Maps are not superimposed over the Detailed Area Plan (DAP); the DAP will not be enriched with the seismic data along with its inbuilt other topographic features. Without this Risk Sensitive Land Use Planning data is

properly utilised the intended outcome can't be achieved and the investment over to create the RSLUP will go in vain.

### **5.2.3 Completion of the Construction of RAJUK's Urban Resilience Unit (URU) building within the project timeframe**

The most significant and predominant challenge for the URP at this moment is the completion and the institutionalise of the Urban Resilience Unit in the due time.

In regard to the construction of the Urban Resilience Unit (URU) it was identified that in the first year of the construction phase, several inherent matters predominantly played role to slow down the projects progress. Those matters include the outbreak of the Covid-19 pandemic, the rainy season, and the inadequate supply of labour and equipment by the previous subcontractor. To overcome the issue of the subcontractor's inability in terms of labour and equipment a new subcontractor having adequate equipment and manpower was appointed in order to getting momentum in work progress. Due to initiate a new setup and understanding the whole system, the Chinese contractor submitted a one-year time extension proposal beyond its original schedule up to April 2023. The fact is that the construction progress is not even closer to completion in the mentioned date. The field visit monitoring data indicates that the construction progress is nearly 60% which is already moving behind schedule. Additionally, the ineffective labour management concerns are causing further delays and disruptions, making it doubtful that the entire project will be completed by the already extended deadline i.e., within October 2023.

Very recently the M&E team received another revised work plan (Annex-9) of URU completion from RAJUK. This new work plan indicates that the construction work of the URU will be completed in April 2024. In the coming year the URP M&E team will closely monitor this completion progress according to the new workplan and will report whether the construction progress is following the new work plan or not.

### **5.2.4 Institutionalization of the URU and implementation of its staff functions are unlikely to be completed by project closing period.**

As mentioned earlier followed by the construction, the institutionalisation of the Urban Resilience Unit (URU) is another major challenge that has a minor progress so far.

Very few progresses made since last quarter in regard to operationalize the Urban Resilience Unit (URU). In the consultancy part with RTI (package S-6), necessary design for institutional and infrastructure arrangement were formulated for URU institutionalization. In addition, some training and capacity building was completed for staff with conduction of outreach campaign. While the institutional framework for URU operationalization has been formulated, RAJUK will require the necessary approval of this design from concerned Ministry. In these circumstances, the PIU is reviewing necessary policy documents those would be required to formulate an institutional framework for URU and obtain ministry approval.

Under the Trusts Act of 1882, PIU-RAJUK planned to create Urban Resilience Unit (URU) as a Public Trust under the Ministry of Housing and Public Works. Its intention was to establish a self-financed government owned research-based organization to support disaster management which was typically a new concept for Bangladesh. But, in order to establish a public trust, PIU-RAJUK will have to go through a long-term bureaucratic *pre-legislative, legislative, and post-legislative* law-making process.

## Challenges and Opportunities

The latest update was that the URU institutionalization proposal was sent from RAJUK PIU to RAJUK head office on December 3, 2022. After necessary review, it has been sent to the Ministry of Housing and Public Works (MoHPWs). Later, after several review and revision, subsequent progress review meeting of URP-RAJUK part was held with the ministry on March 15, 2023. Following that meeting, additional comments and queries surfaced. PIU-RAJUK is currently reviewing and revising the proposal.

Considering the last couple of years process it seemed that URU institutionalization could really be a challenging task for the RAJUK PIU within present project duration.

### 5.2.5 Activation of the Electronic Construction Permitting (ECP) System is delayed.

With a view to activate the ECP, no significant progress made since last quarter. The Electronic Construction Permission (ECP) System was launched on last September 2021.

Since the payment gateway system of the Electronic Construction Permitting System (ECPS) has been finalized and MoU with Bank has already been signed, piloting of the system has also been programmed to begin after formal approval from the Chairman of RAJUK. Although the announcement published by the RAJUK mentioned that the ECPs piloting would start on April 1, 2023, for only two sub-zones (sub-zone-3/2 and sub-zone-4/2); but no e-application was reported in the ECP website as of June 30, 2023. Only 158 numbers of Project Owners, 111 numbers of Architects and 50 numbers of Structural Engineers have been registered so far. According to the PD of URP-RAJUK part, RAJUK is planning to include the full zone-3 and zone-4 in the new ECPS system to active the Application System, Plan Checking and Construction Monitoring System through the online web-portal.

So, in a nutshell it can be said that there is a full-fledged system (ECPS) is in place, but the piloting has not yet been done. The M&E verified that no e-application was reported in the ECP website either for land use clearance, Construction permitting, special project clearance or registration as of June 30, 2023.

Besides, O&M period for this service is scheduled for two years, i.e., the consulting firm will provide necessary supports after launching of the system up to September 2023. So, the ECP system is probably facing a significant challenge of ending its O&M period before starting/activation of the system unless the institutional arrangement is ensured in a timely manner and extend its operation and maintenance period.

RAJUK has an existing contract to continue the first phase of ECPs (<https://cp.rajuk.gov.bd/>) with another firm up to December 2023. So, unless this contract expires in December 2023, the newly formulated ECP under URP can't be started across all the zones of RAJUK.

### 5.3 Challenge associated the completion of the remaining tasks of DNCC.

The delivery of much awaited Rescue Boat was cancelled last year since the supplier couldn't deliver this within their extended scheduled period. This package was re-tendered for 3<sup>rd</sup> time on 9 February 2023 again to complete the procurement, but appropriate bidder was not found. Later, on March 27, 2023, the package was retendered for the 4<sup>th</sup> time. The tender evaluation is still ongoing in this reporting period. **Procurement of rescue boat is delayed for 30 months.**

After successful evaluation if a bidder is finally selected this time, to complete the rest of the work i.e., contract sign, issuance of work, opening the letter of credit and finally delivery of the boat. Those would take a certain time and that will not be completed within the existing project period of October 2023. Besides the URP-DNCC part was not yet extended along with other



URP components beyond October 2023. So, the signing of the contract and decision to place the work order is currently dependent on the extension of URP DNCC part. So, the challenge to procure the rescue boat persists.

In addition, DNCC undertook two new packages under sub-component A-3 i.e., i) Installation of the Surveillance System for EOC of DSCC and ii) Recruitment of an ICT Equipment Supervisory consultancy firm. As of preparation of this report the tender evaluation period was found ongoing. The best prediction of the M&E team that all these pending and additional tasks will be a challenge for DNCC to complete within the October 2023.

#### **5.4 Resolve the financial dispute of previous TED Program**

The first TED (Training, Exercises, and Drills) Program was designed to improve the emergency response capabilities, preparedness, and readiness of multiple government agencies, principally Fire Service and Civil Defence (FSCD) and other key stakeholders involved in disaster and emergency response management. This is an in-depth, long-term, and fundamental educational competency- and capacity-building program, which in the long run will provide Bangladesh with the competence and emergency response protocols to effectively and efficiently manage disaster risks and enhance urban resilience. The TED Program under Sub-component A-5 is managed by DDM. The previous TED program was scheduled to conduct 63 trainings, and 13 drills of approximately 700 participants. The consortium of REM and DTCL were contracted to deliver the TED Program back in 2018. The M&E team reported earlier that the previous TED Program had been postponed in mid-March of year (2020). The contract with the consultant team of REM/DTCL was ended on November 18, 2020.

Whenever the new TED program was signed with UNDP, the initial challenge was mitigated for not achievement of the Project Development Objective (PDO) Indicator 3, Intermediate Results Indicator (IRI) 6 and 7. However, the financial settlement has not yet been resolved with previous contracted firm (REM-DTCL JV) that still exist as a challenge to successful completion of the URP DDM part without a dispute.

#### **5.5 Challenges associated in the Operations and Maintenance (O&M) of equipment and facilities.**

With a view to increase the capacity of officials and emergency management response personnel, under the URP, hundreds of Emergency Communication Technology (ECT) and Search & Rescue (SAR) equipment, as well as high frequency, very high, and ultra-high frequency (HF, VHF & UHF) equipment with their associated wireless equipment and terminals have been purchased by DNCC. Facilities such as command & control centres, emergency operational centres (EOC), warehouses, DRM offices, and zonal control rooms have been built and renovated under DNCC's management around the city. Within the limited resources, making these facilities functional and operational is still a major challenge. Laboratory testing equipment including hardware and software has also been purchased by RAJUK. All of this equipment and facilities need to be operated and maintained properly to ensure their continued usefulness.

The need for additional manpower requirement for FSCD has been discussed many times in the Project Technical and Project Steering Committee meetings but due to scarcity of funds or not having provision in the DPP, such manpower arrangement couldn't be ensured, which is a major challenge in terms of achieving sustainability of the project and ensure O&M of the purchased equipment.

## Challenges and Opportunities

The concept of Emergency Operation Centre (EOC) operation is still new in Bangladesh. The EOCs of the City Corporations and ERCC of DDM have recently equipped with some ECT equipment. But these are mostly hardware facilities for the emergency management centres. In order to operate these functionaries operating software is essential those are not budgeted for procurement under the existing DPP.

Although the EOC's of the DNCC and the DSCC has been equipped with the some ECT equipment, but they are not utilising for its intended purpose because none of the city corporations have the prior experience of EOC management. In addition, no appropriate technical person has yet been appointed for this EOC management.

### 5.6 Challenge in the lack of appropriate sustainability plan for URP.

The M&E team reiterates the need for Sustainability Plans from each of the four implementing agencies (IAs) to be coordinated by PCMU so that a comprehensive Sustainability Plan for the entire URP can be developed with budgets. Besides, necessary measures need to be taken in advanced by concerned IAs so that purchased equipment under the URP could be listed in the Table of Organization and Equipment (TO&E) of GoB so that revenue budget is ensured after the project duration.

**The long-term sustainability of the Project largely depends on implementing appropriate O&M practices of equipment and facilities with proper training and on-going exercise and drill programs provided for persons who will operate and care for that equipment and facilities.**

During our field visits, **we have found that regularly required, periodic operation and maintenance (O&M) of these facilities and equipment is not being carried out as it should.** Thus, there is a very real possibility that this equipment and facilities will fall into misuse and disrepair, rendering them useless in emergencies.

## CHAPTER

## 6

## Recommendations and Conclusions

In this section, the conclusions reached by the M&E team based on our findings of the results achieved, and our recommendations are aligned with those conclusions. In this 20<sup>th</sup> QPR & 5<sup>th</sup> APR following conclusions and recommended actions are proposed based on the findings reported in previous chapters.

### 6.1 Resume the Monitoring and Evaluation work for the URP.

It has been discussed in the challenge section that the M&E work has been disrupted since May 2022 as the contract with the M&E firm expired. Even after expiring the contract the M&E team produced four quarterly progress reports and one annual progress report. The team also attended in the five Project Steering Committee (PSC) meetings, one Technical Committee (TC) meeting, three Project Implementation Committee (PIC) meetings, several coordination meetings and conducted progress update presentations before the senior decision makers of the URP. But during this period the M&E field work, verification and site supervision was seriously hampered since the team had no operational budget and was not paid for its rendered service. This disruption of M&E function is unexpected while implementation under all components found ongoing.

***With a view to resume the momentum of the monitoring, evaluation, reporting, and verification function we recommend that the concerned divisions of the planning commission approve the DPP of Component-D at their soonest convenient time. We also recommend extending the contract of the M&E firm since May 2022 as the M&E team continued to render its service from the mentioned period. It is also recommended that the progress reports and Implementing Agencies' (IAs) progress update be reviewed at the Technical Committee and Project Steering Committee meetings on a regular basis.***

Based on the above recommendations made in the previous quarter the update was that; several Project Evaluation Committee (PEC) meetings were conducted to review the DPP. Later on, March 12, 2023, the DPP of the component D was finally approved with a duration from May 2022 to October 2023 by the Executive Committee of the National Economic Council (ECNEC). **With this approval the year-round challenge was neutralised, and the contract was extended with the M&E team on June 12, 2023.** As soon as the contract was extended the M&E team moved for the field verification and monitoring and the PCMU undertook to organise the technical committee meeting to review the mentioned submitted quarterly and annual reports.

### 6.2 RAJUK's management of construction and operationalization of Urban Resilience Unit (URU), Activation of ECPS, utilization of RSLUP and addressing the Vulnerability of critical and essential lifelines & facilities

- **Recommendation for the URU Construction:** In the earlier chapters we have discussed our concerns at length about the delays that have been experienced in the construction of RAJUK's URU building. The physical construction work is still behind its schedule. We recommend that RAJUK needs to effectively follow up with the civil contractor (China State Construction Engineering Corporation Ltd.) and its local part and closely monitor

and ensure the construction of the URU (both the W1 and S-11) to be completed by its scheduled duration. **We recommend that RAJUK make effective coordination among the Design & Supervision consultants, Contractors and Construction company.**

- **Recommendation for URU Operationalisation:** In terms of the URU operationalization, RAJUK couldn't yet develop the competencies needed to perform the key functions by its planned URU staff that were intended to be strengthened and supported under the six sub-components of Components B and C of the URP. This remains one of the most important challenges facing the URP's implementation in its current phase as well as in future potential phases. **However, our recommendation for RAJUK to fully staff and train them because none of these intended outcomes will ever be achieved until this happens. We therefore strongly recommend that the URU institutionalization strategy be finalised and approved by RAJUK authorities and relevant Government ministries within the proposed 18-month extension.** Necessary provision of required staff and capacity building programs for URU operationalization needs to be indicated in the 18-month DPP.
- For the sustainability of URU, PIU-RAJUK needs to train its employees on how to use the instruments it has purchased under the project. Additionally, RAJUK should also train substitutes who will be available after the project, in addition to the URU staff. This will ensure that there are trained personnel to operate the equipment even after the project is completed. RAJUK has acquired a significant amount of laboratory equipment in accordance with its procurement plan. Once URU is fully operational, specialized and trained operators will be required to operate the equipment, such as the truck-mounted CPT and seismic lab.
- **Recommendation for ECP Operation:** In regard to the activation of the Electronic Construction Permitting (ECP) system it has been reported earlier that even after one and half year of launching the program the piloting of the ECP system couldn't be started yet. **Therefore, we strongly recommend that RAJUK needs to start the piloting process immediately.** This will allow enough time for piloting and further testing process and lead to establish the full functionality of the system within the limited O&M period. It has been reported earlier that an ongoing ECPS is an obstacle to start the newly developed ECPS under the URP. Besides, the operation and maintenance (O&M) period for this service is scheduled for two years, i.e., the consulting firm will provide necessary supports after launching of the system up to September 2023. So, it is recommended that RAJUK close the previous ECPS within December 2023 and extends the O&M period of the newly developed ECPS under URP in order to run the newly developed ECPS flawlessly.
- **Recommendation to address the Vulnerability for critical and essential lifelines:** Under **Sub-component B-1** although the at-risk public infrastructure, including critical and essential facilities and lifelines, assess their vulnerability to earthquakes and other hazards are identified, and a city-wide vulnerability reduction program was developed which includes priorities and budgets for physical strengthening, retrofitting or replacement. But the implementation strategy to implement the program has not yet been formulated. As like other projects in Bangladesh preparation of a plan/project is important but the implementation of the plan is more important. Within 3252 buildings, PEA conducted for 579 buildings, DEA completed for 229 buildings and depending on the degree of the risk and vulnerability associated in the study retrofitting suggested for 187 buildings and 42 buildings were suggested to demolish. **So, it is recommended**



**that the retrofitting and demolition work needs to be implemented in the soonest possible time.** This will save the human lives and the national structures and resources. Since all these assessment work has been conducted for the important govt/ institutes i.e., schools, colleges, hospitals. The outcomes of these study should be taken as a priority agenda for the concerned ministry as the loss of human lives are associated here.

- **Recommendation to utilize the RSLUP:** Under **Sub-component B-2 (Risk Sensitive Land use planning - RSLUP)**, the Risk Sensitive Land Use Strategy of Dhaka City has been prepared. But, unless this RSLUP and the Hazard Micro-zonation Maps are not superimposed over the Detailed Area Plan (DAP); the DAP will not be enriched with the seismic data along with its inbuilt other topographic features. Without this Risk Sensitive Land Use Planning data is properly utilised the intended outcome can't be achieved and the investment over to create the RSLUP will go in vain. **So, the M&E team recommends that RAJUK-URP part effectively coordinate with the Detailed Area Plan (DAP) team and a time bound strategy be undertaken to superimpose the RSLUP and the Hazard Micro-zonation Maps over the Detailed Area Plan (DAP).** This will enrich the existing Detailed Area Plan database and the decision maker will confidently approve or deny a submitted design/plan (for approval) or propose alternatives based on the authentic and evidence based RSLUP practises database.

### **6.3 Completion of the remaining, Operation and Maintenance work under Sub-components A-2, A-3, and A-4 managed by DNCC.**

The completion of the procurement of the Rescue Boats with two new packages under sub-component A-3 i.e., i) Installation of the Surveillance System for EOC of DSCC and ii) Recruitment of an ICT Equipment Supervisory consultancy firm- also can't be completed logically within the October 2023.

**It is recommended that DNCC effectively follow up with its contractors and suppliers and conduct a close monitoring with them and if necessary, request through proper channel to extends its project implementation period to successfully completion of the mentioned tasks.**

### **6.4 Operations and Maintenance (O&M) of equipment and facilities with their implications for long-term Sustainability**

It has been reported earlier that within the A-2, A-3 and A-4; most of the activities of A-2 and A-4 have been completed by DNCC. Under A-3, the ECT equipment procurement and installation also near to completion for Green Field and Rooftop tower. We have indicated several times before; **the operation and maintenance (O&M) of equipment and facilities remains a major challenge of the project going forward in the last four years of its implementation.** The importance of this cannot be overstated given the sizeable investment in equipment and facilities made over the past six years. **Therefore, the Project needs to create adequate and on-going budgets and training to sustain the operational effectiveness of these huge investments in equipment and facilities.** This can be achieved through continual training for staff, developing retention and absorption plans to mainstream human resources, and allocating adequate recurring budgets to maintain the inventory of current equipment, and pay for new equipment. **However, the issue of operation, maintenance and need for additional manpower is not the only responsibility of DNCC and FSCD but this matter needs to be addressed collectively and make provision for this fund in the DPP.**

## Recommendations and Conclusions

Specially the staff support for Emergency Operation Centres (EOCs) for City corporations and Command and Control Centres (CCC) for FSCD need to have provisioned in the revised DPP.

The M&E team recommend that measures need to be taken to ensure that purchased equipment under the URP is listed in *Tables of Organogram and Equipment (TO&E)* of the Government so that revenue budgets can be determined and provided after the Project's implementation period ends. In addition, all IAs should prepare deployment plans of equipment and share it with MoDMR (Ministry of Disaster Management and Relief) for any emergency management planning and to assess any remaining gaps in equipment or facility if needed further.

Although all implementing agencies were previously asked to prepare and share their sustainability plans with PCMU, including budgets and human resources for O&M purposes, that has not been done. **The M&E team reiterates the need for Sustainability Plans** from each of the four implementing agencies (IAs) to be coordinated by PCMU so that a comprehensive Sustainability Plan for the entire URP can be developed with budgets.

### 6.5 Sub-components A-5 (TED) managed by DDM.

The DDM's implementation of TED program is on track now. But given the previous experience of TED program implementation, it is recommended that DDM continues a close monitoring of the implementation progress of its ongoing TED activities so that it completes within the new schedule. We also recommend that DDM PIU keeps the PCMU, and URP M&E team better informed about their regular and upcoming events so that this progress is well reported and presented before the key decision makers of the project.

Settlement of the financial dispute with the REM-DTCL is a long pending issue. While the process is ongoing the M&E team recommends to settling the financial disputes at the earliest possible time.

### 6.6 Extension of the URP implementation period up to June 2024

The M&E team by far assessed all the remaining tasks for all the implementing agencies including RAJUK, DDM, and DNCC.

It is evident that the construction and the operationalisation work of the Urban Resilience Unit (URU) will not be possible within the existing project period i.e., up to October 2023. In addition, the ECPS system couldn't effectively be started yet, and its O&M period needs to be extended beyond September 2023. RAJUK submitted a time bound work plan to complete the construction of URU within June 2024 that seems quite realistic.

The DNCC will not be able to complete the procurement of the Rescue Boats and the surveillance system for EOC of city corporation, and to recruit of an ICT Equipment Supervisory consultancy firm within the October 2023.

Although the scheduled training program of DDM will be completed within the existing period of October 2023, the INSARAG certification course for the FSCD part will take time to complete.

Subsequently, PCMU needs to play its coordination, monitoring and evaluation role so that the implementation of the remaining tasks are properly monitored and reported to the decision makers.

So based on the challenges mentioned in the earlier chapter and the stated remaining tasks the World Bank needs to extend the URP implementation period up to June 2024 to effectively and successfully completion of the 1<sup>st</sup> phase of the Urban Resilience Project.

## Annexes

Annex-1	URP Results Framework
Annex-2	Summary of Monitoring Status Report Milestones for entire URP
	A. 21st Quarter (April ~ June, 2023) MSR update with 3-Month Projection
	B. Annual (July, 2022~June, 2023) MSR update with 3-month projection
	C. Detailed MSR update 21st QPR (April ~ June, 2023)
Annex-3	List of Warehouse, EOC as well as Command & Control Room (comparison by DPP and Actual)
Annex-4	Quarterly Physical and Financial Progress Monitoring Template
Annex-5	Update of Goods, works and Services packages
Annex-6	Structural Engineer training program under S-8A package of RAJUK
Annex-7	BNBC Training Courses under S-9 package of RAJUK
	A- General, Structural and Inspection
	B- Fire & Life Safety, Building Services, Accessibility, Energy, Planning
	C-BNBC Seismic Training
Annex-8	List of training activities & drill under the TED Programme
	A. Completed Trainings and Workshops up to April 2023
	B. Upcoming Training and Workshops
Annex-9	List of Remaining Works & Programme Schedule of URU Construction

## Annex 1: URP Results Framework

Updated as of June 2023

Project Development Objective Indicators						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Wards with decentralized emergency response services in Dhaka (DNCC/DSCC jurisdiction)	Number	Value	0.00	68.00	68.00	68.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		All Warehouses of DNCC and DSCC are equipped with SAR and ECT kits	All Warehouses of DNCC and DSCC are equipped with SAR and ECT kits	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Wards with decentralized emergency response services in Sylhet (SCC jurisdiction)	Number	Value	0.00	20.00	20.00	20.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		All Warehouses of SCC are equipped with SAR and ECT kits	All Warehouses of SCC are equipped with SAR and ECT kits	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Increased capacity of officials and emergency management response personnel	Text	Value	2.00	4.00	Baseline (2) +2=4	Baseline +3
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Baseline determined as 2 (basic knowledge on emergency management). At the Year 7 (October 2022) the actual value is determined as 4. Determination of the baseline and present status developed by	Baseline determined as 2 (basic knowledge on emergency management). At the Year 7 (October 2022) the actual value is determined as 4. Determination of the baseline and present status developed by TED consultants	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Systems established to reduce vulnerability of new buildings	Number	Value	0.00	2.00	2.00	4.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		The RSLUP strategy and the ECP system have been developed. Establishment of two more systems (URU and PAP) ongoing.	The RSLUP strategy and the ECP system have been developed. Establishment of two more systems (URU and PAP) ongoing.	Number of systems to be established are revised from 3 to 4. This includes the original, Urban Resilience Unit, Electronic Construction Permitting, Professional Accreditation Program developed and/or strengthened, and the new system, Risk Sensitive Land Use Planning Practice.



Intermediate Results Indicators						
Component A: Reinforcing the Country's Emergency Management Response Capacity						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DDM facilities renovated (ERCC, NDMRTI)	Number	Value	0.00	2.00	2.00	2.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		All construction work has been completed. ECT suits are yet to install by DNCC	All construction work has been completed. ECT suits are yet to install by DNCC	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
FSCD facilities constructed and/or renovated	Number	Value	0.00	28.00	28.00	28.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target already achieved. Those facilities include Two (2) FSCD Command & Control Room, 13 Emergency Warehouses and 13 Auxiliary Control Room	Target already achieved. Those facilities include Two (2) FSCD Command & Control Room, 13 Emergency Warehouses and 13 Auxiliary Control Room	Number of facilities revised due to space/land availability and institutional requirements. Auxiliary control rooms reduced from 17 to 13. Emergency warehouses increased from 12 to 13.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DNCC/DSCC/SCC facilities constructed and/or renovated	Number	Value	0.00	30.00	30.00	30.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Targets already achieved. Facilities include 8 Warehouses (Dhaka), 3 EOC (for each CC) 1 URU (SCC), 8 DRM Offices (for each WR),	Targets already achieved. Facilities include 8 Warehouses (Dhaka), 3 EOC (for each CC) 1 URU (SCC), 8 DRM Offices (for each WR), 10 Zonal Control Rooms	Number of facilities revised as per institutional requirements from 26 to 30.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DDM/DNCC/DSCC/SCC/FSCD and Satellite Control Room facilities equipped with ECT suites and/or kits	Number	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target already achieved. All planned ECT suits, and flyaway communication kits have been purchased. Kits and suits installation & testing are ongoing.	Target already achieved. All planned ECT suits, and flyaway communication kits have been purchased. Kits and suits installation & testing are ongoing.	Revised as per institutional requirements. During implementation, need for additional flyaway emergency communication kits was identified and included.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
FSCD emergency management warehouses equipped with specialized search and rescue equipment	Number	Value	0.00	13.00	13.00	13.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target already achieved. (11 Dhaka, 2 Sylhet)	Target already achieved. (11 Dhaka, 2 Sylhet)	Number of emergency management warehouses equipped revised from 12 to 13 as per institutional requirement.

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Multi-agency exercises and drills completed	Number	Value	0.00	6.00	7.00	12.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		As of March 2023, total 6 number of Drills and Exercises have been completed.	As of June 2023, total 7 number of Drills and Exercises have been completed.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Training sessions to government officials and emergency management personnel delivered	Number	Value	0.00	25.00	39.00	40.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		As of March 2023, total 25 number of training and workshops have been completed.	As of June 2023, total 39 number of training and workshops have been completed.	This is a new indicator added during restructuring. Adding an indicator on training sessions, this was part of the original project scope but was not reflected in the original results framework.
<b>Component B: Vulnerability Assessment of Critical and Essential Facilities</b>						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Identified and prioritized critical and essential facilities and lifelines for Dhaka	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target already achieved. Critical & essential facilities and lifelines identified as planned 5 million square meter RVA completed	Target already achieved. Critical & essential facilities and lifelines identified as planned 5 million square meter RVA completed	
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Vulnerability of prioritized critical and essential facilities and lifelines assessed for Dhaka	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target achieved. Required number of PEA and DEA completed.	Target achieved. Required number of PEA and DEA completed.	
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Vulnerability reduction strategy and program for Dhaka developed	Yes/No	Value	No	Yes	Yes	Yes
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target achieved. Long term investment strategy (MD-8) has been proposed. Vetting and validation also done	Target achieved. Long term investment strategy (MD-8) has been proposed. Vetting and validation also done	This is a new indicator added during restructuring. This was part of the original project scope but was not reflected in the original results framework.

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Risk-sensitive land use planning practice for Dhaka developed	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Target achieved. A complete Risk-sensitive Land Use strategy has been developed for Dhaka.	Target achieved. A complete Risk-sensitive Land Use strategy has been developed for Dhaka.	This is a new indicator. This was part of the original project scope, sub- component B2 (Support Development of RSLUP in Dhaka) but was not reflected in the original results framework.

### Component C: Improved Construction, Urban Planning, and Development

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
E-Permits for construction issued by RAJUK	Text	Value	0.00	0.00	Baseline (10%) + 20%	Baseline + 30%
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Baseline will be set one year after system is publicly launched. Online payment gateway finalized. Required training programs completed. ECP Piloting is yet to start.	Baseline is considered as 10% as basic knowledge is already available since another ECP ( <a href="https://cp.rajuk.gov.bd/">https://cp.rajuk.gov.bd/</a> ) system is already in place. More 10% achieved since the new ECPs ( <a href="https://ecps.gov.bd/">https://ecps.gov.bd/</a> ) have been lunched and is in place for operation. Another 10% have been achieved as the backbone setup (hardware, server setup with leased line connectivity) completed and trained manpower developed for ECP operation. The target will be achieved when the new ECPS will be operationalize across all other zones of RAJUK.	The system is scheduled to be deployed by April 2020 including baseline determination. The Progress is set to counted from deployment till April 22.
Urban Resilience Unit facility of RAJUK constructed	Percentage	Value	0.00	55.00	60.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Sub-structure of laboratory building done. Construction work of vertical and horizontal framework of steel section for L-4 completed. Lift core and stair casting done.	Major work of laboratory building done. Construction work of vertical and horizontal framework of steel section for L-5 completed. Lift core and stair casting up-to L-6 is also done.	

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Urban Resilience Unit facility of RAJUK equipped with laboratory and field-testing equipment	Percentage	Value	0.00	75.00	75.00	100.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Vendor Trainings for most of the delivered equipment have been completed. Few training programs delayed due to Covid.	Vendor Trainings for most of the delivered equipment have been completed. Few training programs delayed.	
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
New building code implementation and enforcement strategy developed	Yes/No	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Education and outreach Campaign as well as Development of Monitoring and Evaluation Report completed.; Only Annual Evaluation report pending.	Education and outreach Campaign as well as Development of Monitoring and Evaluation Report completed.; Only Annual Evaluation report pending.	This is a new indicator. This was part of the original project scope, covered under C4: Improved Building Code Enforcement, but was not reflected in the original results framework.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Professional Accreditation Program (PAP) developed and/or strengthened	Text	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		Design of PRP Portal has been finalized and submitted. PAP design report and Pilot testing design report yet to complete.	124 candidates were trained to be professionally accredited as Structural engineer. The formation of professional body for structural engineers is underway.	This indicator was revised. Defined further detail during implementation. For Structural Engineers the PAP will be developed, for other major engineering disciplines (mechanical, electrical), architects, and planners, the current accreditation will be strengthened.
<b>Component D: Project Coordination, Monitoring, and Evaluation</b>						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Monitoring Reports produced	Number	Value	0.00	23.00	23.00	18.00
	Sub Type	Date	31-May-2015	31-March-2023	30-June-2023	30-October-2023
		Comments		As of March 2023, the M&E team submitted, 19 QPR and 4 APR in total.	As of March 2023, the M&E team submitted, 19 QPR and 4 APR in total.	This indicator was revised to reflect the number of reports to be produced within the project period after delay contract signing



## Annex-2: Summary of Monitoring Status Report Milestones for entire URP

### A. 21st Quarter (April ~ June, 2023) MSR update with 3 Month Projection

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
<b>A1 (DDM)</b> Renovate and equip ERCC & NDMRTI	0	2	0	0	0	0	2
<b>A2 (DNCC)</b> Renovation and Outfitting of City Corporation and FSCD ER facilities	0	1	0	0	2	0	3
<b>A3 (DNCC)</b> Specialized ECT Equipment Procured	0	3	0	9	0	0	12
<b>A4 (DNCC)</b> Procurement of Search & Rescue equipment	0	0	0	1	0	0	1
<b>A5 (DDM)</b> Multi-Agency Training, Exercises & Drills Program	11	0	0	2	0	4	17
<b>B1 (RAJUK)</b> Vulnerability assessment of critical and essential facilities and lifelines	0	0	0	0	0	0	0
<b>B2 (RAJUK)</b> Risk sensitive land use planning practice	0	0	0	0	0	0	0
<b>C1 (RAJUK)</b> Create and operationalize the Urban Resilience Unit	0	0	0	1	5	0	6
<b>C2 (RAJUK)</b> Establish an Electronic Construction Permitting System	0	0	0	0	0	1	1
<b>C3 (RAJUK)</b> Set Up a Professional Accreditation Program	0	3	0	6	0	0	9
<b>C4 (RAJUK)</b> Improve Building Code (BNBC) Enforcement	0	0	0	3	0	0	3
<b>URU Building (RAJUK)</b> with Lab equipment	0	0	1	6	5	1	13
<b>D (PCMU)</b> Project Coordination, Monitoring and Evaluation	4	0	0	1	0	12	17
<b>Total</b>	15	9	1	29	12	18	84

**C. Annual (July, 2022~June, 2023) MSR update with 3-month projection**

<b>Component Name</b>	<b>Completed on time</b>	<b>Completed late</b>	<b>On-going</b>	<b>Due, but on-going</b>	<b>Due, but no progress</b>	<b>3 Month projection</b>	<b>Sub-total</b>
<b>A1 (DDM)</b> Renovate and equip ERCC & NDMRTI	0	5	0	0	0	0	5
<b>A2 (DNCC)</b> Renovation and Outfitting of City Corporation and FSCD ER facilities	0	2	0	0	2	0	4
<b>A3 (DNCC)</b> Specialized ECT Equipment Procured	0	7	0	9	0	0	16
<b>A4 (DNCC)</b> Procurement of Search & Rescue equipment	0	1	0	1	0	0	2
<b>A5 (DDM)</b> Multi-Agency Training, Exercises & Drills Program	46	0	0	2	0	4	52
<b>B1 (RAJUK)</b> Vulnerability assessment of critical and essential facilities and lifelines	0	5	0	0	0	0	5
<b>B2 (RAJUK)</b> Risk sensitive land use planning practice	0	0	0	0	0	0	0
<b>C1 (RAJUK)</b> Create and operationalize the Urban Resilience Unit	0	0	0	1	5	0	6
<b>C2 (RAJUK)</b> Establish an Electronic Construction Permitting System	0	0	0	0	0	1	1
<b>C3 (RAJUK)</b> Set Up a Professional Accreditation Program	0	6	0	6	0	0	12
<b>C4 (RAJUK)</b> Improve Building Code (BNBC) Enforcement	0	5	0	3	0	0	8
<b>URU Building (RAJUK)</b> with Lab equipment	0	5	0	0	0	0	5
<b>D (PCMU)</b> Project Coordination, Monitoring and Evaluation	10	4	0	1	0	12	27
<b>Total</b>	<b>56</b>	<b>35</b>	<b>1</b>	<b>29</b>	<b>12</b>	<b>18</b>	<b>151</b>

## D. Detailed MSR update 21st QPR (April ~ June, 2023)

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks
						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
A1.6	URP-DDM/W-1-Lot-3/Establishment of Substation at DDM	Completion of works for Substation	December 30, 2022	June 15, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late		
A1.6	URP-DDM/S-4.4/Consultancy Service for Design and Supervision-Substation at DDM	Completion of works	December 30, 2022	June 15, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late		
A2.7	URP-DNCC/ W-2.5 / Construction of Greenfield Tower at FSCD	c) Construction Completion	January 28, 2022	April 6, 2023	Not Applicable	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Tangi, Demra, Mymensingh Sadar, Cumilla, Rajshahi site pile & load test on-going	
A2.7	Submitted EIA report for Greenfield tower including social safeguard screening report for DNCC, DNCC, SCC and FSCD	Submitted EIA report for Greenfield tower including social safeguard screening report	June 30, 2022		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks
						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
A2.7	Submitted EIA and EMP reports for Greenfield tower including social safeguard screening report for DNCC, DNCC, SCC and FSCD	Submitted EMP report	June 30, 2022		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		
A3.4	<b>URP-DNCC/G-1-4</b> / Procurement of Specialized ICT Equipment (Lot-01: DMR Network, UHF Radio Terminals and Related Installations, Lot-02: HF Radio Terminals and Related Installations) for SCC NEW KAA # 4	d) Installation of Equipment (Lot-01)	June 30, 2021		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Delivery Completed on 30 Nov. 2020, Installation on-going	
A3.8	<b>URP-DNCC/G-1-8</b> / Procurement of Specialized ICT Equipment (DMR Network and Related Installations-VHF) for FSCD NEW KAA # 8	d) Installation of Equipment	June 30, 2021	April 20, 2023	Not Applicable	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Installation on-going.(9 nos complete, 23 nos ongoing, 80 nos pending	



Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks
						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
A3.9	<b>URP-DNCC/G-1-9</b> / Procurement of Specialized ICT Equipment (DMR Network and Related Installations-UHF) for DNCC NEW KAA # 9	e) Instalation of Equipment	June 30, 2021		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going		
A3.14	<b>URP-DNCC/G-1-15</b> Procurement of ICT Equipment for ERCC & NDMRTI under DDM	d) Delivery of Equipment	April 30, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
A3.14	<b>URP-DNCC/G-1-15</b> Procurement of ICT Equipment for ERCC & NDMRTI under DDM	d) Instalation of Equipment	April 30, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
A3.17	<b>URP-DNCC/G-1-18</b> / Procurement of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC	f) Delivery of Equipment	March 27, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	LC opened on May 05, 2021
A3.17	<b>URP-DNCC/G-1-18</b> / Procurement of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC	f) Installation of Equipment	April 27, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks	
						April				May				June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29
A3.18	URP-DNCC/G-1-19 / Procurement of ICT Equipment for Command and Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet	f) Delivery of Equipment	March 27, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	LC opened on May 05, 2021	
A3.18	URP-DNCC/G-1-19 / Procurement of ICT Equipment for Command and Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet	f) Installation of Equipment	April 27, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going		
A3.18	URP-DNCC/G-1.20 / Procurement of ICT Equipment for Surveillance System in Emergency Operation Center (EOC) at DNCC, DSCC and SCC.	a) Re-Tender Floating (2nd Tender)	February 15, 2023	May 11, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late		
A3.18	URP-DNCC/G-1.20 / Procurement of ICT Equipment for Surveillance System in Emergency Operation Center (EOC) at DNCC, DSCC and SCC.	d) Completion of Tender Evaluation	April 15, 2023		Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	May 30, 2019

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks				
						April				May					June									
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29						
A3.23	URP-DNCC/ S-14 / Consulting Services for construction Supervision of Green Field Tower under DNCC, DSCC SCC and FSCD.	Completion	March 12, 2022	May 30, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	1st date 1st Jan,2019, HF Pending with BTRC		
A4.8	URP-DNCC/G-2-11 /4 Procurement of Search and Rescue Equipment (Rescue Boat)	b) Completion of Re-Tender Evaluation	June 15, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	"Procurement of Specialized ICT Equipment (Lot-01: i. DMR Network & ii. UHF Radio Terminals and Related Installations) for SCC" ( Package 1.4)	April 4, 2023	April 4, 2023	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	The IAEM mock test (online)	April 8, 2023	April 8, 2023	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	"Procurement of Specialized ICT Equipment (DMR [Digital Mobile Radio] Network and Related Installation-VHF) for FSCD" (package 1.8)	April 11, 2023	April 11, 2023	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks		
						April				May					June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Progress Review Workshop and Consultation meeting	April 30, 2023	April 30, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time		
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	TED Progress Meeting RIG Cluster (UNDP):	May 9, 2023	May 9, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	IAEM Mock test 2	May 13, 2023	May 13, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Supply of Specialized Search and Rescue Equipment (Water Rescue) for FSCD" (Package 2.2)	May 23, 2023	May 23, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Preliminary Self-assessment of FSCD's capacity to form a USAR Light Team as per INSARAG Guideline_ (TED)	May 25, 2023	May 25, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks		
						April				May					June							
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29				
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	3rd IAEM mock test	May 27, 2023	May 27, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Supply of Specialized Search and Rescue Equipment (Emergency Tenders) for FSCD” (Package 2.1)	June 1, 2023	June 1, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	MOCK test- 4 and Residential Workshop on IAEM Registration & Preparation	June 13, 2023	June 13, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	“Procurement of HazMat (Hazardous Materials) Tender for FSCD” (Package 2.10)	July 25, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Pre-Hospital Care (INSARAG) -Part 2	June 8, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	



Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks			
						April				May				June								
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29		
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Search and Rescue (INSARAG)	June 22, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going		
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Search and Rescue (INSARAG)	July 7, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Hazmat -INSARAG (1st day travel day)	July 15, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
A5.2	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Pre-Hospital Care (INSARAG)-Part 1	July 20, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
C1.1	<b>URP/RAJUK/S-6</b> /Operationalizing the URU in RAJUK	Reviewed, Revised and Approved proposal of URU from the ministry of Housing and Public Works (MoHPW)	January 30, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks	
						April				May				June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29
C1.1	URP/RAJUK/S-6 /Operationalizing the URU in RAJUK	Submitted formal proposal of URU to the Ministry of Finance (MoF) and Ministry Public Administration (MoPA) from ministry of Housing and Public Works (MoHPW)	February 10, 2023		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		
C1.1	URP/RAJUK/S-6 /Operationalizing the URU in RAJUK	Approvd proposal of URU from the Ministry of Finance (MoF) and Ministry Public Administration (MoPA)	March 10, 2023		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	
C1.1	URP/RAJUK/S-6 /Operationalizing the URU in RAJUK	Submitted formal proposal of URU to the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA) from ministry of Housing and Public Works (MoHPW)	February 10, 2023		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks
						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
C1.1	<b>URP/RAJUK/S-6</b> /Operationalizing the URU in RAJUK	Approvd proposal of URU from the Ministry of Law, Justice and Parliamentary Affairs (MoLJPA)	March 10, 2023		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		
C1.1	<b>URP/RAJUK/S-6</b> /Operationalizing the URU in RAJUK	Submitted formal proposal of URU to Cabinet from ministry of Housing and Public Works (MoHPW)	March 16, 2023		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		
C1.2	<b>URP/RAJUK/S-11</b> / Consultancy Services for Design and Supervision of Urban Resilience Unit (URU) Building including Research, Training, and Testing Laboratory facilities under RAJUK in Dhaka, Bangladesh	Final Inspection Report and As-build drawings (1st phase upto 10th floor with laboratory building)	May 31, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	

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						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
C1.2	URP/RAJUK/S-11 / Consultancy Services for Design and Supervision of Urban Resilience Unit (URU) Building including Research, Training, and Testing Laboratory facilities under RAJUK in Dhaka, Bangladesh	Monitoring of URU construction	June 30, 2023		Not Applicable	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	On-going	
C1.2	URP/RAJUK/S-11 / Consultancy Services for Design and Supervision of Urban Resilience Unit (URU) Building including Research, Training, and Testing Laboratory facilities under RAJUK in Dhaka, Bangladesh	Project completion Report (Final Report)	June 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
C1.4	URP/RAJUK/G-12 / Procurement of Seismic Lab Equipment for URU	g) Installation, Training and Closing	May 15, 2020		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks	
						April				May				June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29
C1.7	URP/RAJUK/G-17 / Procurement of Equipment for Explora on of RSLUP Profile: 200 kN Truck Mounted CPT Equipment	g) Installation, Training and Closing	January 9, 2021		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress		
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Erection of Steel frame for G-9F done	December 8, 2021		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Casting concrete of lift core and floor	December 15, 2021		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Secondary structure such as wall, plaster etc done	January 9, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Floor/false ceiling/external wall etc completed	February 23, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	



Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks
						April				May				June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22		
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Generator/substation/lift/ and other MEP work done	March 15, 2022		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going		
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Windows and doors fixing done	May 17, 2022		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Commissioning for Facilities	May 14, 2022		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	
C1.11	URP/RAJUK/W-1/ Establishment of URU Building	Site Handover	June 11, 2022		Not Applicable	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	Due, but no progress	

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						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
C2.1	URP/RAJUK/S-7 / Consultancy Services for Assessing the Current State and Deploying a Web-based Integrated Information Management System for the Construction Permit System of RAJUK KAA # 4 (new)	Started piloting with O&M of ECPS	March 10, 2022		Not Applicable	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late		
C2.1	URP/RAJUK/S-7 / Consultancy Services for Assessing the Current State and Deploying a Web-based Integrated Information Management System for the Construction Permit System of RAJUK KAA # 4 (new)	Submitted Operation and Maintenance Report	September 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due date was fixed by M&E
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Submission of Pilot Testing Design Report and online PAP Portal (MD-5)	December 31, 2022	May 1, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks		
						April				May				June							
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22			W-13, Jun 25-29	
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Reviewed and revised Pilot Testing Design Report and online PAP Portal (MD-5)	January 15, 2023	June 6, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late		
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Approved Pilot Testing Design Report and online PAP Portal (MD-5)	January 30, 2023	June 12, 2023	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	Completed late	
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Submission of Sustainability Report (MD-6)	January 31, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Reviewed and revised Sustainability Report (MD-6)	February 15, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Approved Sustainability Report (MD-6)	February 28, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks
						April				May				June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22		
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Submission of Completion Report (MD-7)	February 28, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going		
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Reviewed and revised Completion Report (MD-7)	March 15, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C3.1	URP/RAJUK/S-8A / Consultancy Services for Professional Accreditation Program in RAJUK	Approved Completion Report (MD-7)	March 30, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C4.1	URP/RAJUK/S-9 / Consultancy Services for Building Code Enforcement	w) Submitted Annual Program Evaluation Report – last year and fulfillment of all other contractual obligations by consultant	February 28, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	
C4.1	URP/RAJUK/S-9 / Consultancy Services for Building Code Enforcement	x) Reviewed and Revised Annual Program Evaluation Report – last year and fulfillment of all other contractual obligations by consultant	March 31, 2023		Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due date was fixed by M&E

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)												Status as of June 31, 2023	Remarks
						April				May					June				
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22		
C4.1	URP/RAJUK/S-9 / Consultancy Services for Building Code Enforcement	Approved Annual Program Evaluation Report – last year and fulfillment of all other contractual obligations by consultant	April 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due date was fixed by M&E
D6	URP/PCMU/S-1 / M&E consulting firms operational KAA #1 (new)	Server purchase, configuration, and Secure Sockets Layer (SSL) certified installation for PMIS - July 15, 2023	July 15, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational KAA #1 (new)	Restoration of the PMIS (Project Monitoring and Information System) and make it visible - July 18, 2023	July 18, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational KAA #1 (new)	URP website assessment, error checking, debugging, and resolving plugins issue-July 22, 2023	July 22, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational KAA #1 (new)	Revision of the PMIS user manual- August 30, 2023	August 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	



Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks	
						April				May					June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29			
D6	Quarterly Project Steering Committee (PSC) meetings KAA #4 (new)	Convene quarterly 21st PSC meetings	May 25, 2023	May 25, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time		
D6	Quarterly Project Steering Committee (PSC) meetings KAA #4 (new)	Convene quarterly 22nd PSC meetings	August 25, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational	Preparation and submission of the 20th Quarterly Progress Report (QPR)	August 7, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational	Preparation and submission of the 21st Quarterly Progress Report (QPR) and 5th Annual Progress Report (APR)- (July,22~ June,23)	August 7, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
D6	URP/PCMU/S-1 / M&E consulting firms operational	Review and revised submission of the 20th Quarterly Progress Report (QPR)	August 16, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks
						April				May					June					
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29		
D6	URP/PCMU/S-1 / M&E consulting firms operational	Reviewed and revised the 21st Quarterly Progress Report (QPR)	August 16, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
D6	Coordination the 8-month extension of the URP	Coordination/approval of the 8-month extension of the URP through IMED	September 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
D6	Coordination the 8-month extension of the URP	Coordination/approval of the 8-month extension of the URP through the World Bank	September 30, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
D6	Quarterly Technical Committee meetings (TEC)	Convene quarterly Technical Committee meeting following 15th QPR.	August 16, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
D6	Convene Project Implementation Committee meeting (PIC)	Holding the Project Implementation Committee Meeting (PIC)	May 15, 2023	May 15, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time	Completed on time		

Milestone #	Milestone Description	Required Activities	Milestone due dates	Actual date	Status as of December 31, 2018	4th Quarter of FY 2022-2023 (21st)													Status as of June 31, 2023	Remarks	
						April				May					June						
						W-1, Apr 2-6	W-2, Apr 9-13	W-3, Apr 16-20	W-4, Apr 23-27	W-5, April 30-May 4	W-6, May 7-11	W-7, May 14-18	W-8, May 21-25	W-9, May 28-June 1	W-10, Jun 4-8	W-11, Jun 11-15	W-12, Jun 18-22	W-13, Jun 25-29			
D6	Convene Project Implementation Committee meeting (PIC)	Holding the Project Implementation Committee Meeting (PIC)	June 21, 2023	June 21, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time		
D6	URP/PCMU/S-1 / Monitoring and Evaluation Consultancy through a Firm	Contract signing with M&E firm.	June 12, 2023	June 12, 2023	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Completed on time	Completed on time	Completed on time	Completed on time	
D6	URP/PCMU/S-2 / Internal Audit through a Firm	Contract extension and modification for Internal Audit firm	May 31, 2023		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	Due, but on-going	

**Annex-3: List of Warehouse, EOC as well as Command & Control Room (comparison by DPP and Actual)**

SI No.	Agency	Description	DNCC					DSCC					FSCD (Dhaka)										SCC			Activities proposed in DPP	Activities being undertaken							
1	FSCD	Command & Control room	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	South Surma, Sylhet	.	2	2	
2		FSCD Warehouse-Dhaka (Large)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	
3		FSCD Warehouse-Dhaka (Small)	.	.	.	.	.	.	.	.	.	.	Sadarghat	Postagola	Demra	Khilgoan	Hazaribagh	Kalyanpur	Tejgoan	Diabari, Uttara	Tongi	Savar	.	.	.	10	10							
4		FSCD Warehouse-Sylhet	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	South Surma, Sylhet	.	2	2
5		Auxiliary Control Room (Dhaka & Sylhet in Alpha Fire Station)	.	.	.	.	.	.	.	.	.	.	Sadarghat	Postagola	Demra	Khilgoan	Hazaribagh	Kalyanpur	Tejgoan	Diabari, Uttara	Tongi	Savar	Mirpur-10	South Surma, Sylhet	.	17	13							



SI No.	Agency	Description	DNCC					DSCC					FSCD (Dhaka)										SCC			Activities proposed in DPP	Activities being undertaken		
6	DNCC/DSCC/SCC	DNCC Warehouse	Zone-1, Uttara	Zone-2, Mirpur-2	Zone-3, Mohakhali	Zone-4, Mirpur-10	Zone-5, Kawranbazar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
7		DSCC Warehouse	-	-	-	-	-	-	Zone-2, Khilgoan	Zone-3, Azimpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	
8		DRM Office (DNCC, DSCC & SCC existing building)	DNCC Building					DNCC Building															SCC Building			3	3		
9		EOC (DNCC, DSCC & SCC existing building)	DNCC Building					DSCC Building															SCC Building			2	3		
10		Zonal Control Room (Existing Zonal office of DNCC & DSCC)	Zone-1, Uttara	Zone-2, Mirpur-2	Zone-3, Mohakhali	Zone-4, Mirpur-10	Zone-5, Kawranbazar	Zone-1, DSCC Bhaban	Zone-2, Khilgoan	Zone-3, Azimpur	Zone-4, DSCC Bhaban	Zone-5, Saidabad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
11		Urban Resilience Unit (SCC building)																					SCC Building			1	1		

### Construction of Green Field Tower

1	FDCC	Construction of Green Field Tower under FSCD										Tongi Fire Station/ Gazipur	Demra Fire Station / N.Goni	Mymensingh Sadar Fire Station	Chittagong Sadar Fire Station/ Ctg.	Comilla Sadar Fire Station / Comilla	Osmanagar Fire Station/ Sylhet	Jhenaidah Fire Station / Jeshore	Rajshahi Fire Station / Rajshahi	Rangpur Sadar Fire Station / Rangpur	Barisal Sadar Fire Station / Barisal											10	10	
2	DNCC/DSCC/SCC	Construction of Green Field Tower under DNCC/DSCC/SCC	Mirpur Fire Station, Mirpur-10	Gabrali Kacha Bazar	Purbachal Fire Station			Graveyard, Rayerbazar	Matural Land Filled															Central Truck Terminal, Sylhet	Water Transmission, Sylhet	Kumargoan Bus Terminal, Sylhet							9	8

## Annex-4: Quarterly Physical and Financial Progress Monitoring Template

Component		Fiscal Year																								
		July 2022-June 2023																								
		1st Quarter (Jul-Sept 22)					2nd Quarter (Oct-Dec 22)					3rd Quarter (Jan-Mar 23)					4th Quarter (Apr-Jun 23)					Grand Total				
		Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)					
		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA						
<u>1. Component A: (DDM Part)</u> Reinforcing the country's Emergency Management Response Capacity	Target	50.00	10.00	40.00	0.41%	100.00	20.00	80.00	0.81%	600.00	30.00	570.00	4.87%	1220.00	60.00	1160.00	9.91%	1970.00	120.00	1850.00	16.00%					
Component A1: Renovate and equip ERCC & NDMRTI with basic office equipment	Achievement (Phy. Progress as the Percentages of total project)	0.00	0.00	0.00	0.00%	0.00			0.00%	0.00			0.00%	0.00			0.00%	0.00	0.00	0.00	0.00%					
Component A5: Enhance the emergency management and preparedness capacity of the national-level ERCC and NDMRTI and the local-level city corporations and FSCD in Dhaka and Sylhet through training, exercises and drills.		0.00			0.00%	0.00			0.00%	515.87		515.87	4.19%	739.82		739.82	6.01%	1255.69	0.00	1255.69	10.20%					
Establishment of PIU of URP: DDM Part and operational expenditure of PIU		26.52		<b>26.52</b>	0.22%	95.15	48.71	46.44	0.77%	99.81	20.59	79.22	0.81%	199.83	44.69	155.14	1.62%	421.31	113.99	307.32	3.42%					
Others (Please specify if any)					0.00%				0.00%				0.00%				0.00%				0.00%					

Component		Fiscal Year																			
		July 2022-June 2023																			
		1st Quarter (Jul-Sept 22)				2nd Quarter (Oct-Dec 22)				3rd Quarter (Jan-Mar 23)				4th Quarter (Apr-Jun 23)				Grand Total			
		Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)
		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA	
Sub-Total of A (DDM part):		26.52	0.00	26.52	0.22%	95.15	48.71	46.44	0.77%	615.68	20.59	595.09	5.00%	939.65	44.69	894.96	7.63%	1677.00	113.99	1563.01	13.62%
<u>2. Component A: (DNCC part)</u> Reinforcing the country's Emergency Management Response Capacity	Target	38.00	12.75	25.25	0.05%	38.00	12.75	25.25	0.05%	38.00	12.75	25.25	0.05%	38.00	12.75	25.25	0.05%	152.00	51.00	101.00	0.19%
Component A2: Design, Build and Outfit Local-Level City Corporation and FSCD DRM Facilities in Dhaka and Sylhet	Achievement (Phy. Progress as the Percentages of total project)	218.26		218.26	0.27%	0.00			0.00%	0.00			0.00%	0.00			0.00%	218.26	0.00	218.26	0.27%
Component A3: Supply, Installation and Integration of Specialized ICT Equipment for DRM and Emergency Response within the National- Level NDRCC and NDMTI and the Local-Level FSCD and City Corporation Facilities in Dhaka and Sylhet		1236.65		1236.65	1.52%	911.78		911.78	1.12%	329.43		329.43	0.41%	0.00			0.00%	2477.86	0.00	2477.86	3.05%
Component A4: Supply Specialized Search and Rescue Equipment.		0.00		0	0.00%	0.00			0.00%	0.00			0.00%	0.00			0.00%	0.00	0.00	0.00	0.00%
Establishment of PIU of URP: DNCC Part and operational expenditure of PIU		169.69	5.09	164.6	0.21%	562.12	8.12	554	0.69%	365.25	2.84	362.41	0.45%	10.12	4.29	5.83	0.01%	1107.18	20.34	1086.84	1.36%
Sub-Total of A (DNCC part):		1624.60	5.09	1619.51	2.00%	1473.90	8.12	1465.78	1.81%	694.68	2.84	691.84	0.86%	10.12	4.29	5.83	0.01%	3803.30	20.34	3782.96	4.68%
<u>Component B: (Raiuk part)</u> Vulnerability Assessment of Critical and Essential Facilities and Lifelines <u>Component-C: (Raiuk part)</u> Improved Construction, Urban Planning and Development	Target	200.00	50.00	150.00	0%	2500.00	250.00	2250.00	5%	3000.00	300.00	2700.00	6%	3200.00	300.00	2900.00	6%	8900.00	900.00	8000.00	17%

Component		Fiscal Year																			
		July 2022-June 2023																			
		1st Quarter (Jul-Sept 22)				2nd Quarter (Oct-Dec 22)				3rd Quarter (Jan-Mar 23)				4th Quarter (Apr-Jun 23)				Grand Total			
		Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)
		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA	
Component-B1: Conduct a vulnerability assessment of critical and essential facilities and lifelines	Achievement (Phy. Progress as the Percentage of total)	0.00			0%	1476.92		1476.92	3%	0.00			0%	0.00			0%	1476.92	0.00	1476.92	3%
Component-B2: Support the development of a risk sensitive land use planning practice in Dhaka		0.00			0%	0.00			0%	0.00			0%	0.00			0%	0.00	0.00	0.00	0%
Sub-Total of B (Rajuk part):		0.00	0.00	0.00	0%	1476.92	0.00	1476.92	3%	0.00	0	0	0%	0	0	0	0%	1476.92	0.00	1476.92	3%
4. Component-C: (Rajuk part) Improved Construction, Urban Planning and Development	Target				0%	0.00			0%	0.00			0%	0			0%	0.00	0.00	0.00	0%
Component-C1: Create and operationalise the Urban Resilience Unit (URU) in Rajuk to Support DRR Mainstreaming and Improve Dhaka Urban Resilience.	Achievement (Phy. Progress as the Percentages of total project)	0.00			0%	708.91		708.91	1%	0.00			0%	1969.65		1969.65	4%	2678.56	0.00	2678.56	5%
Component-C2: Establish an Electronic Construction Permitting System		0.00			0%	0			0%	617.00		617.00	1%	435.90		435.90	1%	1052.90	0.00	1052.90	2%
Component-C3: Set Up a Professional Accreditation Program for Engineers, Architects and Planners		0.00			0%	0			0%	0.00			0%	0			0%	0.00	0.00	0.00	0%
Component-C4: Improve Building Code Enforcement with Rajuk Jurisdiction		0.00			0%	0			0%	1026.28		1026.28	2%	0			0%	1026.28	0.00	1026.28	2%

Component		Fiscal Year																				
		July 2022-June 2023																				
		1st Quarter (Jul-Sept 22)				2nd Quarter (Oct-Dec 22)				3rd Quarter (Jan-Mar 23)				4th Quarter (Apr-Jun 23)				Grand Total				
		Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	Financial progress			Phy. progress (%)	
		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		Total	GOB	RPA		
Establishment of PIU of URP: Rajuk Part and operational expenditure of PIU		30.53		30.53	0%	138.46	105.64	32.82	0%	87.05	60.25	26.8	0%	92.83	58.12	34.71	0%	348.87	224.01	124.86	1%	
Others (Please specify if any)					0%				0%				0%				0%	0.00	0.00	0.00	0%	
Sub-Total of C (Rajuk part):		30.53	0.00	30.53	0%	847.37	105.64	741.73	2%	1730.33	60.25	1670.08	3%	2498.38	58.12	2440.26	5%	5106.61	224.01	4882.60	10%	
Total of B and C (Rajuk part)		30.53	0	30.53	0%	2324.29	105.64	2218.65	4.33%	1730.33	60.25	1670.08	3.22%	2498.38	58.12	2440.26	5%	6583.53	224.01	6359.52	12%	
5. Component-D: (PCMU part) Project Coordination, Monitoring and Evaluation (Implemented by PCMU)		Target	95.00	9.5	85.5	2.89%	95.00	9.5	85.5	2.89%	95.00	9.5	85.5	2.89%	95.00	9.5	85.5	2.89%	380.00	38.00	342.00	11.56%
Goods, Non-consulting service and Consulting Services		Achievement (Phy. Progress as the Percentage of Total	0.00			0.00%	0.00			0.00%	0.00			0.00%	287.25		287.25	8.74%	287.25	0.00	287.25	8.74%
Establishment of PIU of URP: PCMU Part and operational expenditure of PIU			0.00			0.00%	0.00			0.00%	0.00			0.00%	15.17	11.04	4.13	0.46%	15.17	11.04	4.13	0.46%
Sub-Total			0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	302.42	11.04	291.38	9.20%	302.42	11.04	291.38	9.20%



## Annex-5: Update of Goods, works and Services packages

### Procurement Plan of DNCC Part (DNCC/DSCC/SCC/FSCD)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty / Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/BG	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Works Contract</b>																			
1	URP-DNCC/W-1.1	Build FSCD Command and Control Room over newly constructed warehouse (vertical extension of 1st &	Nos.	FSCD	1	964.68	887.36	OTM (NCT)		No		7-Mar-18		28-May-18	12/31/2018, June 30, 2019	18-Nov-10	Confidence Steel Ltd.	100%	Work is Completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty / Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
		2nd floor of newly constructed warehouse at FSCD Compound, Mirpur-10, Dhaka.)																	
2	URP-DNCC/W-1.2	Construction of FSCD Command & Control Center including Warehouses at South Surma, Sylhet.	Nos.	FSCD	3	771.12	787.14	OTM (NCT)		No		2/11/2018		29-Mar-18	12/31/2018, June 30, 2019	19-Nov-19	Belal & Brothers.	100%	Work is Completed. (1 C&CC with 2 WH)
3	URP-DNCC/W-2.1	Construction of Emergency Operation Center (EOC), DRM Office and Urban Resilience Unit at SCC, Sylhet. ( Vertical extension of 5th floor of SCC Nagar	Nos.	SCC	1	296.62	286.14	OTM (NCT)		No		1-Apr-18		1-Jun-18	9/30/2018, 12/31/2018	28-Feb-19	Nirman & Fardin( JV)	100%	Work is Completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty / Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/BG	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
		bhaban, Sylhet)																	
4	URP-DNCC/W-2.2	Building Emergency Operating Centre (EOC), DRM Office and Urban Resilience Unit at DSCC, Dhaka.	Nos.	DSCC	1	152.70	149.85	OTM (NCT)		No		20-Sep-18		18-Nov-18	3/30/2019, Sep25, 2019	31-Mar-20	M/S Nirman Prokausholy	100%	Work is Completed.
5	URP-DNCC/W-2.3	Construction of Emergency Operating Centre (EOC) at DNCC, Dhaka.	Nos.	DNCC	1	255.99	260.00	OTM (NCT)		No		13-Nov-19		22-Dec-19	21-May-20	30-Jun-20	S.M Rahman International	100%	Work is Completed.
6	URP-DNCC/W-2.4	Construction of Greenfield Tower at DNCC, DSCC and SCC.	Nos.	CC	8	920	919.79	OTM (NCT)			21-Apr-21	8-Aug-20		28-Oct-21	4/26/2022, 9/30/2022	23-Feb-23	Concrete & Steel Technologies Ltd.	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty / Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
7	URP-DNCC/W-2.5	Construction of Greenfield Tower at FSCD	Nos.	FSCD	10	1150	1149.81	OTM (NCT)			21-Apr-21	8-Aug-20		29-Jun-21	1/28/2022 , 4/30/2022 , 9/30/2022 , 1/31/2023	6-Apr-23	Concrete & Steel Technologies Ltd.	100%	Work completed.
8	URP/DNCC/W-3.1	Construction of 13 Warehouses at FSCD.	Nos.	FSCD	11	849.89	898.61	OTM (NCT)		No		26-Sep-16		24-Apr-17	3/31/2018 , 5/31/2018 , 9/30/2018	30-Sep-18	M/S. Belal & Brothers	100%	Work completed. (11 Nos.)
9	URP-DNCC/W-3.2	Construction of 5 Warehouses at DNCC	Nos.	DNCC	5	426.13	492.64	OTM (NCT)		No		22-Nov-16		2-Feb-17	6-Jun-17	31-Dec-17	M/S. S. M Construction	100%	Work completed.
10	URP-DNCC/W-3.3	Construction of 3 Warehouses at DSCC	Nos.	DSCC	3	266.43	273.71	OTM (NCT)		No		17-Nov-17		12-Mar-17	11-Jul-17	31-May-18	M/S. S. M Construction	100%	Work completed.
11	URP-DNCC/W-3.4	Erection and Fabrication of Signboard at emergency warehouse of City corporation.	Nos.	CC	8	10.00	6.11	OTM (NCT)		No		24-May-18		28-Jun-18	27-Jul-18	27-Jul-18	M/s. Syam Enterprise	100%	Work completed.
12	URP-DNCC/W-3.5	Erection and Fabrication of Signboard	Nos.	FSCD		10.00	7.62	OTM (NCT)		No		8-Sep-18		15-Oct-18	N/A	14-Nov-18	M/S. Biuld Connection	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty / Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
		at emergency warehouse of FSCD.																	
13	URP-DNCC/W-3.6	Construction of Security fence (Grill) inside and outside the warehouse of DNCC.	Nos.	DNCC	5	10.00	9.63	OTM (NCT)		No		9-Sep-18		15-Oct-18	N/A	7-Nov-18	M/S. Ayan Construction	100%	Work completed.
14	URP-DNCC/W-3.7	Construction of Security fence (Grill) inside and outside the warehouse of DSCC.	Nos.	DSCC	3	10.00	7.14	OTM (NCT)		No		8-Nov-18		5-Dec-18	N/A	24-Dec-18	M/S. Enovation Construction	100%	Work completed.



Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Specialized ICT Equipment</b>																			
1	URP-DNCC/G-1.1	Procurement of Specialized ICT Equipment (VHF & HF Radio Terminals and related Installations) for FSCD ( Lot-1: VHF)	No s.	FSCD		1363.4	540.59	OTM (ICB)		Yes		5-Apr-17		21-May-18	11/20/2018, 01/31/2019	20-Jan-19	Novatel Haber Lesme Cozumleri A.S, Turkey ( Systems & Services Ltd.)	100%	Work completed. L.C Open-24/6/2018,
2		Procurement of Specialized ICT Equipment (VHF & HF Radio Terminals and related Installations) for FSCD ( Lot-2 : HF)	No s.	FSCD		3456.8	2506.07	OTM (ICB)		Yes		5-Apr-17		30-May-18	11/29/2018, 01/31/2019, 03/14/2019	14-Mar-19	Codan Ltd., Austrilia ( Core Corporation)	100%	<b>Work completed.</b> L.C Open-24/6/2018, LC Amendment-14-3-2019,
3	URP-DNCC/G-1.2	Procurement of Specialized ICT Equipment (VHF and HF Radio Terminals and Related Installations) for DNCC, Lot-1( VHF)	No s.	DNCC		1009.36	407.58	OTM (ICB)		Yes		20-Sep-17		17-Oct-18	16-Apr-19	16-Sep-19	Novatel Haber Lesme Cozumleri A.S, Turkey	100%	<b>Work completed.</b> LC opened on 17/11/18, L.C Amendment 26/6/2019, Shipment done on 28/7/2019
4		Procurement of Specialized ICT Equipment (VHF and HF Radio Terminals and Related Installations) for DNCC, Lot-2( HF)	No s.	DNCC		912.00	673.72	OTM (ICB)		Yes				22-Oct-18	21-Apr-19	N/A	Codan Ltd., Austrilia ( Core Corporation)	Canceled	<b>Canceled</b> for BTRC not permitted HF Allocation. (LC opened on 12/11/18)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
5	URP-DNCC/G-1.3	Procurement of specialized ICT Equipment ( UHF) Radio Technical's and related installation for DSCC.	No s.	DSCC		522.40	275.79	OTM (ICB)		No		1/1/2018		19-Aug-18	18/2/2019, 30/9/2019	30-Sep-19	Novatel Haber Lesme Cozumleri A.S, Turkey ( Communications Systems Ltd.)	100%	<b>Work completed.</b> L.C open on 13/9/2019, Shipment done on 28/7/2019
6	URP-DNCC/G-1.4	Procurement of Specialized ICT Equipment (Lot-01: DRM Network, UHF Radio Terminals and Related Installations) for SCC	No s.	SCC		1239.00	985.28	OTM (ICB)		No	29-Jan-19	7-Nov-18	15-Mar-19	26-Jun-19	30-Sep-19		Novatel Haber Lesme Cozumleri A.S, Turkey ( Communications Systems Ltd.)	98%	ICT Equipment Delivery Completed, Instalation on-going. (4 site complete & 1 site ongoing out of 5 site)
7		Procurement of Specialized ICT Equipment (Lot-02: HF Radio Terminals and Related Installations) for SCC	No s.	SCC								7-Nov-18				N/A	N/A	Cancelled	Cancelled for BTRC not permitted HF Allocation. (Tender Floated on 7-11-2018)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
8	URP-DNCC/G-1.5	Procurement of ICT Equipment for Emergency Operation Center (EOC) at SCC	No s.	SCC		2520.00		OTM (ICB)		No		12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Canceled	Cancelled & Provide New Package G-1.18 (G-1.5 with G-1.12) due to lack of similar experience of the bidder.
9	URP-DNCC/G-1.6	Procurement of ICT Equipment for Command and Control Room(CCR) at FSCD, Sylhet	No s.	FSCD		2520.00		OTM (ICB)		No	11-Feb-19	12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Canceled	Cancelled & Provide New Package G-1.19 (G-1.6 with G-1.7) due to lack of similar experience of the bidder.
10	URP-DNCC/G-1.7	Procurement of ICT Equipment for Command and Control Room(CCR) at FSCD, Dhaka.	No s.	FSCD		2940.00		OTM (ICB)		No	14-Feb-19	12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Canceled	Cancelled & Provide New Package G-1.19 (G-1.6 with G-1.7)
11	URP-DNCC/G-1.8	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-VHF) for FSCD	No s.	FSCD		11808.16	11745.54	OTM (ICB)		Yes	30-Jan-19	7-May-19	15-Jun-19	14-May-20	30-May-21	20-Apr-23	Hytera Communications Corporation Ltd. China	100%	Delivery done on May-21. Installation done on April-23.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	
12	URP-DNCC/G-1.9	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DNCC	No s.	DNCC		1470.00	1532.51	OTM (ICB)		No	17-Jan-19	8-Nov-18	15-Mar-19	25-Jun-19	2/24/2020, 1/6/2021, 9/27/2021, 3/30/2023		Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	98%	Delivery Complete on Nov-20, Installation on-going. (9 site complete & 2 site pending out of 11 site)
13	URP-DNCC/G-1.10	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DSCC	No s.	DSCC		1470.00	1489.96	OTM (ICB)		No	21-Jan-19	8-Nov-18	15-Mar-19	23-Jun-19	2/22/2020, 12/31/2020, 6/1/2021, 3/14/2023	5-Dec-22	Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	100%	Delivery Complete on Sep-20, Installation Completed on Dec-2022
14	URP-DNCC/G-1.11	Procurement of ICT Equipment for warehouses for DNCC and DSCC (Laptop, CC Camera, CCTV etc)	No s.	DNCC/DSCC		159.73	168.47	OTM (NCB)		No	15-Jan-19	4-Apr-19	30-Jun-19	7-Aug-19	24-Nov-19	24-Nov-19	Merits Technology Ltd.	100%	Setup Laptop & CCTV at Zonal office-XEN Room, Zonal officers room CC Camera connect with WH
15	URP-DNCC/G-1.12	Procurement of ICT Equipment for Emergency Operation Center (EOC) at DSCC	No s.	DSCC		2730.00		OTM (ICB)		No	18-Feb-19	19-Mar-19	30-May-19	N/A	30-Nov-19	N/A	N/A	Canceled	Canceled & Provide New Package G-1.18 (G-1.5 with G-1.12)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
16	URP-DNCC/G-1.14	Procurement of ICT Equipment for Emergency Operation Center (EOC) at DNCC.		DNCC		2795.58	2005.34				10-Feb-20	19-Mar-20	30-Jun-20	3-Jan-21	30-Apr-22	3/31/2022	CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	100%	ICT Equipment Delivery & Installation Completed
17	URP-DNCC/G-1.15	Procurement of ICT Equipment for ERCC & NDMRTI under DDM		DDM		2071.88	1740.004				2/10/2020, 12/31/2020	11-Nov-20	30-Jun-20	23-Aug-21	4/30/2022, 5/31/2023	N/A	CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	on going	ICT Equipment delivery completed. Installation on-going
18	URP-DNCC/G-1.16	URP-DNCC/G-1-16 Supply of Furniture for EOC-DNCC, EOC-SCC, EOC-DSCC and Command & control Center of FSCD				172.30	151.09				30-May-20	16-Feb-22	30-Jun-20	26-Jan-21	12/30/2020, 7/25/2021, 9/30/2021	30-Sep-21	Legacy Furniture (Pvt.) Ltd.	100%	Completed

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
19	URP-DNCC/G-1.17	Procurement of Mobile command & control vehicles (1 Truck & Van)		FSCD	1	4540.73					29-Feb-20	24-Mar-20			N/A	N/A	N/A	Cancelled	Cancelled for excess budget & not available manpower for this operation and maintenance in our country.
20	URP-DNCC/G-1.18	Procurement of ICT Equipment for Emergency Operation Center (EOC) at DSCC & SCC.		DSCC/SCC		4625.98	4623.26				15-Feb-20	12-Feb-20	15-May-20	28-Mar-21	12/30/2021, 3/27/2022, 6/15/2023		CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	on going	DSCC - ICT Equipment Delivery & Installation Completed & SCC-Equipment Partially delivered on March, 22. Installation on-going
21	URP-DNCC/G-1.19	Procurement of ICT Equipment for Command and Control Room (CCR) at Dhaka & Sylhet.		Dhaka/Sylhet		5375.64	4302.02				15-Feb-20	27-Feb-20	15-May-20	28-Mar-21	12/30/2021, 3/27/2022, 9/30/2022, 6/20/2023		CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	on going	ICT Equipment Partially delivered on March, 22. Installation on-going
	URP-DNCC/G-1.20	Procurement of ICT Equipment for Surveillance System in Emergency Operation Center (EOC) at DNCC,		DNCC, DSCC, SCC		399.35					1-Nov-22	11-May-23	1-Jan-23		30-Jun-23			on going	Trnder Evaluation on-going



Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
		DSCC and SCC.																	
<b>Specialized Search and Rescue Equipment</b>																			
1	URP-DNCC/G-2.1	Procurement of Specialized Search and Rescue Equipment (SAR Emergency Tenders) for FSCD. ( 22 Nos.)	Nos.	FSCD	22	9574.00	5630.68	OTM (ICB)		Yes		10-Oct-16		11-Jul-17	10-Mar-18	Ist 11 nos delivery were 30/08/18 . and 2nd 11 nos delivery were 10/11/18	Morita Corporation, Japan( M/S. Sadman Associates)	100%	Work completed.
2	URP-DNCC/G-2.2	Supply of Specialized SAR Equipment (Water Rescue vehicle and boat) for FSCD. (5 Units)	Nos.	FSCD	5	518.12	586.52	OTM (ICB)		Yes		26-Apr-17		18-Dec-17	6/17/2018, 9/25/2018	25-Sep-18	Future Bud Inter. ( M/S. Sadman Associates)	100%	Work completed.
3	URP-DNCC/G-2.3	Specialized Search and Rescue (SAR) Equipment (tenders for Breathing Apparatus - 06 nos)(Fire Fighting Vehicle)	Nos.	FSCD	6	1643	1626.84	OTM (ICB)		Yes		2-Oct-17		5-Jul-18	28-Feb-19	3-Jun-19	Bristol Fire Engg. Industries LLC ( Multi Drive Ltd.)	100%	LC opened on 02/08/18. L.C Amendment-30/04/2019

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
4	URP-DNCC/G-2.4	Specialized Search and Rescue (SAR) Equipment (Personal Protective Equipment or PPE) rescue suit-950 Nos., Chemical suit-30 Nos., Search light-900 Nos)	No s.	FSCD	Rescue suit-950, Chemical suit-30, Search light-900	2254.48	944.54	OTM (ICB)		Yes		2-Nov-17		4-Jun-18	30-Jan-19	15-Apr-19	National Fire Fighting Manufacturing FZCO, Dubai ( Zara Trading)	100%	Work completed.
5	URP-DNCC/G-2.5	Specialized Search and Rescue (SAR) Equipment (Rescuer Tools and Drone) for FSCD.	No s.	FSCD	3	26.51	19.71	OTM (NCB)		No		4/16/2018		6-Aug-18	20-Nov-18	25-Nov-18	A.K Buyan & Ko:	100%	Work completed.
6	URP-DNCC/G-2.6	Supply of Specialized Search and Rescue Equipment for city corporation( Lot-1: Ambulance)	No s.	DNCC/DSCC	10	1053.51	985.3	OTM (ICB)		Yes		21-May-17		31-Jan-18	7/30/2018, 11/30/2018, 7/30/2019	30-Nov-18	Imrah Auto SDNBID, Malaysia( Sohel Enterprise)	100%	Work completed.
7		Supply of Specialized Search and Rescue Equipment for city corporation (Lot-2:	No s.	DNCC/DSCC	4	339.58	290.58	OTM (ICB)		Yes		21-May-17		31-Jan-18	7/30/2018, 10/30/2018	30-Nov-18	Imrah Auto SDNBID, Malaysia( Sohel Enterprise)	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
		Mortuary Van)																	
8	URP-DNCC/G-2.7	Procurement of Search and Rescue Equipment (SAR) for City Corps	No s.	DNCC/DS CC	10 Set X 53 nos Item	118.87	97.599	OTM (NCB)		No		12-Sep-17		17-Jan-18	20-Jun-18	11-Apr-18	Sohan Enterprise	100%	Work completed.
9	URP-DNCC/G-2.8	Rescuer Carrying Vehicle (7.5 Ton Truck) for FSCD-06 trucks	No s.	FSCD	6	488.97	336.00	OTM (NCB)		No		25-Sep-17		31-Jan-18	5/23/2018, 7/12/2018, 8/10/2018	13-Sep-18	Sohel Engineering & Construction	100%	Work completed. Delivery at FSCD
10	URP-DNCC/G-2.9	Procurement of Turn Table Ladders Tender (64m) for FSCD ( 03 Nos)	No s.	FSCD	3	3101.99	2667.94	OTM (ICB)		No		8-Mar-18		16-Sep-18	15-Mar-19	27-Aug-19	S.K Rosenbauer Pte. Ltd. Singapur (M/s. Sadman Associates.	100%	Work completed.
11	URP-DNCC/G-2.10	Procurement of Search and Rescue Equipment Chemical Tender/Hazmat materials	No s.	FSCD	5	1579.22	1807.76	OTM (ICB)		No		28-Aug-18	31-Dec-18	10-Mar-19	12/9/2019, 3/31/2020	31-Mar-21	National Fire Fighting Manufacturing FZCO, Dubai ( Zara Trading)	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
12	G-2-11.2/G-2-11.4	Procurement of Search and Rescue Equipment (Rescue Boat)	Nos.	FSCD	3	988.36	758.55	OTM (ICB)		No	31-Oct-18	3/28/2019, 2/9/2023, 3/27/2023	31-Dec-18	8-Apr-20	4/30/2021, 11/30/2021	N/A	E-pearsion Company Ltd. (Ireland)	on going	The delivery of much awaited Rescue Boat was cancelled since the supplier couldn't deliver this within their extended scheduled period. This package was re-tendered on 9 February 2023 again to complete the procurement but appropriate bidder not found, so again 27 March 2023 are 4th time Re-Tendered. <b>Now Evaluation On-going</b>
13	URP-DNCC/G-3	Procurement of Heavy Equipment (Lot-1: Crane)	Nos.	cc	3	1050	808.77	OTM (ICB)		Yes		18-Dec-16		29-Oct-17	30-Jun-18	30-Jun-18	Ecom Trade Holdings Pte Ltd, Singapore (Ecom Trade International)	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Supplier	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
14		Procurement of Heavy Equipment ( Lot-2: Wheel Type Excavator)	No s.	CC	3	900	515.12	OTM (ICB)		Yes		18-Dec-16		29-Oct-17	6/28/2018, 8/28/2018	28-Aug-18	Hidromek, Turkey ( Sohel Enterprise)	100%	Work completed.
15		Procurement of Heavy Equipment ( Lot-3: Chain Type Excavator)	No s.	CC	3	900	320.32	OTM (ICB)		Yes		18-Dec-16		24-Jan-18	23-Sep-18	23-Sep-18	Cosmos Inter. Ltd, India ( CSL projects Ltd.)	100%	Work completed.
16		Procurement of Heavy Equipment ( Lot-4: Dozer)	No s.	CC	3	1350	818.72	OTM (ICB)		Yes		18-Dec-16		29-Oct-17	28-Jun-18	28-Jun-18	Belazia PTE Ltd., Singapore ( Bismillah Traders)	100%	Work completed.
17	URP-DNCC/G-4.3	Procurement of Motor cycle	No s.	CC	4	7.2	6.2	OTM (NCB)		No		25-Jul-17		18-Apr-18	17-May-18	17-May-18	TVS Auto Bangladesh Ltd.	100%	6.2
18	URP-DNCC/G-5.1 (lot-1)	PIU Office Equipment: DNCC	No s.	DNCC			9.44	OTM (NCB)				26-Apr-16		16-Aug-16		1-Sep-16		100%	
19	URP-DNCC/G-5.1 (Lot-2)	PIU Office Equipment:	No s.				8.74	OTM (NCB)				30-May-16		9-Jan-17		24-Jan-17		100%	
20	G-6.4 A	Procurement of Furniture for Ware house.	No s.	CC		70.36	67.7	OTM (NCB)				9/12/2017		17-Jan-18	15-Jun-18	15-Jun-18	M/S. Shahjahan Enterprise.	100%	67.7

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5		6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Services Contract</b>																			
1	URP-DNCC/S-1	Individual Consultant as Procurement Specialist (National)	Person	PIU, DNCC	1	240.00	177.88	OTM (NCB)	BG					20-Apr-16		31-Aug-18	Mr. Munir Siddiquee	100%	Work completed.
2	URP-DNCC/S-1a	Individual Consultant at procurement Specialist(National)	Person	PIU, DNCC	1	157.25	14.45	OTM (NCB)	BG					13-Dec-18	30-Jun-20	6/22/2019	Engr. Md. Abdul Halim		Work completed.
3	URP-DNCC/S-2	Individual Financial Management Consultant and Planning Specialist (National)	Person	PIU, DNCC	1		34.23	OTM (NCB)	BG					7-Feb-16		5/31/2017	Mr. Nasir Ahmed	100%	Work completed.
4	URP-DNCC/S-2a	Individual Financial Management Consultant and Planning Specialist (National)	Person	PIU, DNCC	1	240.00	66.05	OTM (NCB)	BG					13-Nov-17	30-Jun-20	30-Sep-19	Mr. Abdul Hamid	100%	Work completed.
5	URP-DNCC/S-2B	Individual Financial Management Consultant and Planning Specialist (National)	Person	PIU, DNCC	1	125.26	165.86	OTM (NCB)	BG					21-Oct-19		6/30/2020, 12/31/2022, 10/31/2023	Michael Gomes		Work is ongoing.
6	URP-DNCC/S-3	Individual Consultant for international search & rescue Expert.	Person	PIU, DNCC	1	280.00	310.71	OTM (ICB)	BG					1-Jun-16		6/30/2020, 6/30/2021	Mr. Trevor Glass		Work is ongoing.



Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ No s.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	
7	URP-DNCC/S-4	Individual Consultant for International as Information & Communication Technology (ICT) Expert	Person	PIU, DNCC	1	280.00	290	OTM (ICB)	BG				1-Jun-16	30-Apr-22		Mr. Levent Gerdan		Work is ongoing.	
8	URP-DNCC/S-5.1	Individual Consultant ( Short-term)for ICT.	Person	PIU, DNCC	1	69.97	11.80	OTM (NCB)	BG				22-Aug-16	1/14/2019, 1/14/2020, 4/30/2022	9/20/2016	Md. Akramul Haque Chowdhury	100%	Work completed.	
9	URP-DNCC/S-5.2	Individual Consultant ( Short-term)for ICT.	Person	PIU, DNCC	1	69.97	76.60	OTM (NCB)	BG				15-Jan-17	12/31/2022, 10/31/2023		Md. Akramul Haque Chowdhury		Work is ongoing.	
10	URP-DNCC/S-5.3	Individual Consultant ( Short- Term) for Junior Procurement Specialist	Person	PIU, DNCC	1	68.26	33.04	OTM (NCB)	BG				24-May-17	11/22/2019,	1/31/2019	Md. Nowshad Alam	100%	Work completed.	
11	URP-DNCC/S-5.3a	Individual Consultant ( Short- Term) for Junior Procurement Specialist	Person	PIU, DNCC	1	68.26	11.98	OTM (NCB)	BG				31-Jan-19	7/31/2019	7/31/2019	Md. Nowshad Alam	100%	Work completed.	
12	URP-DNCC/S-5.3b	Individual Consultant ( Short- Term) for Junior Procurement Specialist	Person	PIU, DNCC	1	23.65	69	OTM (NCB)	BG				3-Sep-19	8/3/2020, 4/30/2022, 10/31/2023		Md. Nowshad Alam		Work is ongoing.	
13	URP-DNCC/S-6	Design & supervision consultancy for outfit DRM facilities in Dhaka & Sylhet.		PIU, DNCC	1	100.00	148	OTM (NCB)	BG				28-Jul-16	30-Jun-20	30-Jun-20	Environ Structure Ltd.		Work is ongoing.	

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	7	8	9		10	11	12	13	14	15	16	17	18
14	URP-DNCC/S-7	GIS- Phase 1: Need Assesment for Implementation of GIS Infrastructure in the Urban Resilience Project.		PIU, DNCC		150.00	130.78	OTM (NCB)	BG	No				11-Mar-19	30-Sep-19	30-Sep-19	Streams Tech Ltd. Bangladesh		Progressing of Tender Evaluation
15	URP-DNCC/S-8	Enhancement the effectiveness of DRR Emergency Warehouse		PIU, DNCC		129.95	129.23	OTM (ICB)	BG					13-Jun-19	12-Dec-19	12-Dec-19		100%	Work completed.
16	URP-DNCC/S-9	Preparation of GIS based Maps (Ward Level) at DNCC, DSCC & SCC.		PIU, DNCC		1598.10	977.42	OTM (NCB)	BG			11-Apr-19		29-Jul-20	10/30/2020, 10/28/2021, 4/30/2022, 10/31/2022	15-Mar-23	Joint Venture of (1) Center for Environmental and Geographic information Servicess (Lead). (2) Streams Tech Ltd.	100%	Completed of Final Report and distributed in 3 city corporation
17	URP-DNCC/S-10	Sub soil exploration and testing at different location under FSCD		PIU, DNCC	10		8.33							24-Oct-19	23-Nov-19	23-Nov-19	Contemporary Engineering Ltd.	100%	Work completed.
18	URP-DNCC/S-11	Sub soil exploration and testing at different location for construction of Green Field Tower under DNCC, DSCC & SCC.		PIU, DNCC	8		7.49							7-Jan-19	30-Jan-20	5-Feb-20	Contemporary Engineering Ltd.	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ No s.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Procurement Guideline (PPA / BG)	Prior Review (Yes/No)	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
											Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	
19	URP-DNCC/S-14	Consultancy Services for Construction Supervision of Greenfield Tower under DNCC, DSCC, SCC and FSCD		PIU, DNCC	1	25.00	21.40						13-Sep-21	3/12/2022, 1/31/2023	31-Jan-23	Environ Structure Ltd.	100%	Work completed.	
20	URP-DNCC/S-15	ICT Equipment Supervisory Consultancy Firm/ Individual Consultant		PIU, DNCC	1	190.00		OTM (NCB)			11/1/2022		1/1/2023		30-Jun-23				
21	URP-DNCC/NCS-1	Procurement of Pre-shipment Inspection company.		PIU, DNCC	1	138.64	131.12	OTM (NCB)	BG	No		8/30/2017		24-Jan-18	4/30/2022, 12/31/2022, 10/31/2023	Bureau Veritas Bangladesh		Work Ongoing.	
22	URP-DNCC/NCS-2	Procurement of C & F Agent.		PIU, DNCC	1	375.00	125.00	OTM (NCB)	BG	No				25-Jan-18	6/30/2020, 12/31/2022, 8/31/2023	Jems International		Work is ongoing.	

## Procurement Plan of RAJUK Part

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh )	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Works Contract</b>																		
1	URP/RAJUK/W-1	URP/RAJUK/W-1 / Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK	Nos.	1	1206675178.14524	1149999833.87						20-Oct-20		30-Apr-24		China State Construction Engineering Corporation Ltd. Country: China (According to NOA)	60%	Signed
2	URP/RAJUK/W-1A	Construction of Shed ,Partition and supportive Accessories for Accommodation of PIU Office Security	Nos.	1	12,987.00		RFQ		No									Cancelled
3	URP/RAJUK/W-1B	Renovation of office utility Space at Level 9	Nos.	1	12,990.00		RFQ		No									Cancelled
4	URP/RAJUK/G-W1C /	Renovation of Wash room and others Space at Level 9	Nos.	1	12,990.00		RFQ		No									Cancelled
5	URP/RAJUK/W-2A /	Renovation of Wash Rooms PIU Office			1986606.92	1985000.35						01-Jul-20		01-Jul-20		ZS Construction Country: Bangladesh	100%	Signed
6	URP/RAJUK/W-2 /	Refurbishment of PIU Office and Renovation of Utility Spaces	Nos.	1	7515712.22	7412897.946	OTM (e-GP)					29-Oct-20		30-Jan-21		Formila Akther Country: Bangladesh	100%	Signed
<b>Goods Contract</b>																		

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	(Package No. URP/RAJU K/G-1A)	Mail Domain and its Accessories Purchase & Installation for Emergency Office use of PIU			500,000.00	476,000.00	RFQ						20-Jun-16		26-Jun-16	Prime Net Ltd. Country: Bangladesh		Done
2	(Package No. URP/RAJU K/G-1B)	Supply of One in All Computers, Printers and Scanners for Emergency Office use of PIU			500,000.00	483,000.00	RFQ						20-Jun-16		23-Jun-16			Done
3	(Package No. URP/RAJU K/G-1C)	Supply of PhotoCopier Machine for Emergency Office Use of PIU			500,000.00	475,000.00	RFQ						20-Jun-16		23-Jun-16			Done
4	(Package No. URP/RAJU K/G-1D)	Supply of All in Computer and Laptops for Emergency Office use of PIU			500,000.00	498,000.00	RFQ						01-Sep-16		07-Sep-16			Done
5	(Package No. URP/RAJU K/G-2A)	Supply of Stationery Goods for Emergency Office Use of PIU			500,000.00	491,000.00	RFQ						31-Aug-16		05-Sep-16			Done
6	(Package No. URP/RAJU K/G-2B)	Supply of Stationery for Emergency Office Use of PIU			499,840.00	494,810.00	RFQ						24-Dec-18		31-Dec-18	Aun-Nafi Stationery & Computer Country: Bangladesh		Done
7	(Package No. URP/RAJU K/G-2C)	Supply of Office Goods for Emergency Office Use of PIU			498,960.00	492,800.00	RFQ						24-Dec-18		31-Dec-18	Aun-Nafi Stationery & Computer Country: Bangladesh		Done
8	(Package No. URP/RAJU K/G-2D)	Supply of Office Goods-1 for Emergency Office Use of PIU			499,900.00	489,800.00	RFQ						24-Nov-19		24-Dec-19	Mission Computer & Technology Country: Bangladesh		Done
9	(Package No. URP/RAJU K/G-2E)	Supply of Office Stationery-1 for Emergency Office Use of PIU			499,382.00	496,990.00	RFQ						09-Mar-20		16-Mar-20	Khaza Variety Store Country: Bangladesh		Done

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
10	(Package No. URP/RAJU K/G-2F)	Supply of Office Stationery-2 for Emergency Office Use of PIU			499,198.00	497,100.00	RFQ						31-May-21	07-Jun-21		Saddam Stationary Country: Bangladesh		Done
11	(Package No. URP/RAJU K/G-3A)	Vehicle Maintenance (Service with Accessories) of URP: RAJUK Part)			498,220.00	494,200.00	RFQ						10-Feb-21	09-Aug-21		M R Auto Care Country: Bangladesh		Done
12	(Package No. URP/RAJU K/G-3B)	Vehicle Maintenance (Tyre) of URP: RAJUK Part			495,900.00	493,000.00	RFQ						18-Feb-21	17-Aug-21		M R Auto Care Country: Bangladesh		Done
13	(Package No. URP/RAJU K/G-4A)	Supply of Office Furniture for Emergency Office Use of PIU			500,000.00	491,000.00	RFQ						23-Jun-16	26-Jun-16				Done
14	(Package No. URP/RAJU K/G-4B)	Supply of Office Furniture for Emergency Office Use of PIU			500,000.00	492,000.00	RFQ						16-Aug-16	21-Aug-16				Done
15	G-1-1	Supply of Computer and Related Equipment for PIU ,URP:RAJUK	Nos.	1	194,810.00		NCT, OTM	Bank Guideline	No		19.04.2018	9.8.2018	20.6.2018	9.8.2019		Smart Technologies Ltd		Done
16	G-3-1	Procurement of Motor Vehicle for PIU of URPRAJUK-Phase1 : i) 1no 4WD Sports Utility Vehicle ii) 4 nos Double Cabin 4WD Pickup and iii) 1 no Microbus	Nos.	1	448,050.00		NCT, OTM	Bank Guideline	No		09.04.2018	19.5.2018	6.6.2018	19.5.2019		Navana		Done
17	G-3-2	Procurement of Motor Vehicle for PIU of URPRAJUK-Phase2 : i) 1no 4WD Sports Utility Vehicle ii) 5 nos Double Cabin 4WD Pickup and iii) 3 no Microbus	Nos.	1	629,870.00		NCT, OTM	Bank Guideline	No		16.04.2018	21.6.2018	6.6.2018	21.6.2019		Navana		Done
18	G-4	Supply of Furniture for PIU office	Nos.	1	389,610.00			Bank Guideline	No		06.06.2018	4.6.2018	29.7.2018	4.6.2019		Hatil		Done



Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
19	G-12	Procurement of Seismic Lab Equipment of URU					ICB/OTM	Bank Guideline	Yes	20.02.2019		15.03.2019		15.10.2019			90%	
20	G-13	Procurement of Seismic Lab Equipment of URU					ICB/OTM	Bank Guideline	Yes	04.03.2019		25.03.2019		25.10.2019				Done
21	G-14	Variable Refrigerant Flow (VRF) Air Conditioning System Supply and Installation for the Renovation Work of URP, RAJUK			9100700	9118701.01						10-Dec-18		11-Mar-19				Done
22	G-15	Procurement of Field Equipment for Vulnerability Assessment Aspect of Structures & Geophysics					ICB/OTM	Bank Guideline	No	25.02.2019		25.03.2019		25.10.2019				Done
23	URP/RAJUK/G-17	URP/RAJUK/G-17 / Procurement of Equipment for Exploration of RSLUP Profile: 200 kN Truck Mounted CPT Equipment										26-Jan-20		24-Jul-20		M/S Sarker Kabir Ahmed Country: Bangladesh	90%	
24	URP/RAJUK/G-18-1	URP/RAJUK/G-18-1 / Supply & Installation of PA System, Telecommunication, Access Control & Security and General Electrical Equipment for PIU Office										03-Jun-20		01-Sep-20		Optimal Technology (Pvt.) Ltd. Country: Bangladesh		Done
25	URP/RAJUK/G-19-1	URP/RAJUK/G-19-1 / Procurement of Motorcycle for PIU of Urban Resilience Project: RAJUK Part										18-Aug-20		16-Nov-20		Rancon Motor Bikes Limited Country: Bangladesh		Done

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
26	URP/RAJUK/G-20-1	URP/RAJUK/G-20-1 / Procurement of ICT Equipment for Deploying Electronic Construction Permitting (ECP) System in RAJUK										19-Aug-20		17-Dec-20		Smart Technology (BD) Ltd. Country: Bangladesh		Done
27	URP/RAJUK/G-21	URP/RAJUK/G-21 / Supply of Smart IT Equipment & Office Machinery										10-Jun-21		08-Sep-21		Smart Technology (BD) Ltd. Country: Bangladesh		Done
28	URP/RAJUK/G-24	URP/RAJUK/G-24 / Procurement of Equipment: Cutter Crane with 10 inch RCC Slab Cutting Capacity & 3.65 Ton Lifting Capacity										07-Feb-21		06-Aug-21		M/S Sarker Kabir Ahmed Country: Bangladesh		Done
<b>Services Contract</b>																		
<b>Consulting Service</b>																		
1	URP/RAJUK/S-1)	Senior Procurement Specialist	Nos.	1	-	22,419,140.00	OTM	BG	Yes			05-May-16		30-Jun-20		Md. Mahboob Hassan		Done
2	URP/RAJUK/S-2)	Senior Financial Management and Planning Specialist	Nos.	1	-	22,419,140.00	OTM	BG	Yes			05-May-16		30-Jun-20		Md. Shahjahan		
3	URP/RAJUK/S-3)	Procurement Specialist	Nos.	1	162,337.66	9,335,700.00	LTM	BG	No			01-Jul-18	01-Jul-18	30-Jun-20		Md. Saifur Rahman Joarder		Done

4	URP/RAJ UK/S-4)	Consultancy Services for Vulnerability Assessment and Prioritized Investment Plan for Critical Assets in Dhaka	Nos.	1	6781520.00	USD 3,713,63 7.50 BDT 377,020, 312.50 (BDT 677,825, 000.00	QCBS	BG	Yes			18-Apr-18		30-Jun-20		NKY Architectural and Engg. Co. (Turkey) Protek Yapi Engineering Co. (Turkey) Sheltech (Pvt.)	Done
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Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
						USD 8,257,145.71 1 USD = 82.98 BDT)										Limited (Bangladesh)		
5	URP/RAJ UK/S-5)	Consultancy Services for Development of a Risk-sensitive Land Use Planning (RSLUP) practice	Nos.	1	6,296,550.00	USD 3,573,625.00 BDT 302,724,687.50 (BDT 592,010,000.00 USD 7,221,789.47 1 USD = 82.98 BDT)	QCBS	BG	Yes			5/1/2018		6/30/2020		NKY Architectural and Engg. Co. (Turkey) Protek Yapi Engineering Co. (Turkey) Sheltech (Pvt.) Limited (Bangladesh)		Done
6	URP/RAJ UK/S-6)	Consultancy Services to Operationalize the URU in RAJUK	Nos.	1	3522730.20	USD 5,110,247.81 (BDT 424,048,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			23.3.2018		30.6.2020		RTI International (USA)		Done
7	URP/RAJ UK/S-7)	Assess Current Status and Deployment of web-based Integrated Information Management System for RAJUK's Construction Permit System	Nos.	1	1998260.00	USD 5,788,100.94 (BDT 480,296,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			23.3.2018		30.6.2020		RTI International (USA)	90%	
8	URP/RAJ UK/S-8A)	Consultancy Services for Professional Accreditation Program in RAJUK	Nos.	1	3542210.00	USD 998,815.25 (BDT 84,704,527.28 1 USD =	QCBS	BG	Yes			8.4.2018		30.6.2020		N/A	60%	

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/C consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
						84.805 BDT)												
9	URP/RAJUK/S-9)	Consultancy Services for Building Code Enforcement	Nos.	1	324260.00	USD 4,805,526.56 (BDT 398,762,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			13.6.2018		30.6.2020		ICC & SDE	80%	
10	URP/RAJUK/S-11)	Consultancy Services for Design and Supervision of RAJUK URU Building including Research, Training, and Testing Laboratory facility	Nos.	1	2,425,950.00	USD 1,323,270.79 BDT 141,404,000.00 (BDT 248,457,000.00 USD 3,071,157.08 1 USD = 80.90 BDT)	QCBS	BG	Yes			1.5.2018	16.8.2018	30.6.2020		STRUCTURAL ENGINEERS SEC (USA) in association with BAUM ARCHITECTS INC BAUM ARCHITECTS INC (South Korea) In association with THE PLANNERS AND ENGINEERS LTD. (Bangladesh)		
11	URP/RAJUK/S-13)	Environmental Safeguards and Environmental Impact Assessment (EIA) of proposed 30-story URU Building for RAJUK	Nos.	1	1,558.00		QCBS	BG	No			30.6.2018		27.12.2018				Done
12	URP/RAJUK/S-14)	Consultancy Services for the Designing Website & Archiving Project Documents for URU, Rajuk	Nos.	1		2,862,222.22	CQS	BG	No			04-Apr-19		30-Jun-20		TechnoVista Limited Country: Bangladesh		Done

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review <sub>2</sub> (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
13	URP/RAJUK/S-15)	Environmental Impact Assessment for Proposed 30 Storied Building of Urban Resilience Unit (Package No. URP/RAJUK/S-15)				7,501,136.36						5/30/2019		8/28/2019	3/30/2020	Bureau of Research, Testing & Consultation (BRTC), BUET Country: Bangladesh		Done
<b>Non-consulting service</b>																		
1	URP/RAJUK/NCS-1)	Hiring of Leased Lines for the Project Pilot Sites to facilitate the Networking Infrastructure Supporting of the ECP System			905,000.00	165,606.00						22-Dec-19	01-Jul-20	30-Jun-20	30-Dec-20	Link3 Technologies Ltd. Country: Bangladesh	100%	
2	URP/RAJUK/NCS-2)	Hiring of Leased Lines for the RAJUK Zonal Offices to Facilitate the Networking Infrastructure Supporting of the ECP System.			2,146,616.00	2,144,926.00						27-Aug-20		30-Apr-22		Link3 Technologies Ltd. Country: Bangladesh	100%	



## Procurement Plan of DDM Part

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Works Contract</b>																		
1	BD-DDM-44875-GO-RFB	Renovation of the facility that would house ERCC	Sft	9000	540					10-Jan-19	31-Jan-19	7-Apr-19	5-Nov-19	15-Jul-19	22-Apr-21		100%	Work is Completed.
2	BD-DDM-44877-GO-RFB	Renovation of the facility that would house NDMRTI	Sft	9000	360					10-Jan-19	31-Jan-19	7-Apr-19	12-Nov-19	15-Jul-19	22-Apr-21		100%	Work is Completed.
3	URP-DDM/W-1-Lot-3	Establishment of Sub-Station at DDM								31-May-22	31-May-22	30-Jun-22	9-Nov-22	30-Dec-22	15-Jun-23	Amanat Enterprise	100%	Work is Completed.
<b>Goods Contract</b>																		
1	URP/DDM/G-1	Procurement of Jeep for PIU.	Nos	1	65.51		OTM (NCB)	PPA					30-Jan-17	9-Feb-17	9-Feb-17	Pacific Motors	100%	Completed
2	URP/DDM/G-3.2	Procurement of office Equipment (Air Cooler)	Nos	6	4.9245		OTM (NCB)	PPA					26-Jun-16	14-Feb-17	14-Feb-17	Confidence Refrigeration & Electric Engineering	100%	Completed
3	URP/DDM/G-3.3	Office Equipment (Photocopier-1 & UPS-01)	Nos	1	4.47		OTM (NCB)	PPA					26-Jun-16	14-Feb-17	14-Feb-17	M/S. Niloy Traders	100%	Completed
4	URP/DDM/G-3.4	Procurement of PIU Office Equipment.								4-Nov-21	3-Jan-22	1-Dec-21	2-Feb-22	31-Dec-21	29-Mar-22		100%	Completed

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
5	URP/DDM/G-4.1	Procurement of PIU Computer Equipment								27-Nov-20	8-Feb-21	15-Jan-21	5-May-21	16-Mar-21	14-Jun-21		100%	Completed
6	URP/DDM/G-4.2	Computer-04 & related service(Scanner-01, UPS-04 & Windows-8.1 software-04)	Nos	9	4.5		OTM (NCB)	PPA					21-Dec-16	1-Apr-17	1-Apr-17	S. J Computers	100%	Completed
7	URP/DDM/G-4.30	Computer-04 & related service( Printer-05, Multi media projector-01)	Nos	10	4.78375		OTM (NCB)	PPA					21-Dec-16	4-Jan-17	1-Apr-17	Net Link Communication	100%	Completed
8	URP/DDM/G-6.2	Procurement of Furniture (Conference table-01, Table- PD, DPD, APD, Consultant)	Nos	7	4.5		OTM (NCB)	PPA					21-Dec-16	4-Jan-17	4-Jan-17	Faruque Enterprise	100%	Completed
9	URP/DDM/G-6.3	Procurement of Furniture (Chair-39)	Nos	39	4.57		OTM (NCB)	PPA					21-Dec-16	4-Jan-17	4-Jan-17	M & M Enterprise	100%	Completed
10	URP/DDM/G-6.4	Procurement of Furniture (Sofa, File Cabinet, Almirah etc.)	Nos	34	4.56		OTM (NCB)	PPA					21-Dec-16	4-Jan-17	4-Jan-17	Shanta Traders	100%	Completed

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
11	URP-DDM/G-7	Procurement of Computer & related Equipment for ERCC & NDMRTI		(5 nos Tablet Computer, 50 nos Desktop Computer, 50 nos UPS, 35 nos Laptop, 10 nos Colour Printer, 2 nos A3 Printer, 2 nos Large Scanner and 10 nos small Scanner)						27-Nov-20	6-Jan-21	15-Jan-21	4-Jan-21	16-Mar-21	14-Jun-21		100%	Completed
12	URP-DDM/G-8	Procurement of office Equipment for ERCC & NDMRTI		(3 nos Black & White Digital Photocopier, 2 nos Colour Digital Photocopier, 4 nos Split Type ceiling Air Conditioner, 5 nos Laminating Machine, 9 nos Spiral Binding)						27-Nov-20	8-Feb-21	15-Jan-21	5-May-21	16-Mar-21	16-Jun-21		100%	Completed

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/BG	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
				Machine Spiral and 10 nos Fa														
13	BD-DDM-44874-GO-RFQ	Procurement of Tele communication equipment( PABX, PA system, Fax, Land phone etc.)	Nos	10	6.35		OTM (NCB)	PPA					21/06/18	27/06/18	27/06/18	Multi star Technologies	100%	Completed
14	BD-DDM-44873-GO-RFB	Procurement of Micro-bus for NDMRTI & ERCC	No	4	170.2		OTM (NCB)	PPA					24/07/18	26/06/18	26/06/18	Navana Motors	100%	Completed
<b>Services Contract</b>																		
1	URP/DDM/S2	Financial Management Specialist (FMS)	Month	60	195.82		OTM (NCB)	PPA					1-Jan-16	30-Jun-20	On going	Md. Mosharaf Hossain		On-going
2	URP/DDM/S1	Procurement Specialist (PS)	Month	30	117.52		OTM (NCB)	PPA					1-Jan-16	24-Nov-18	25-Feb-19	Md.Hasan Jahid	100%	Contract of PS was over on 25/11/18 & DDM already got approval of his service extension 03 months (

Sl. No	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	PPA/B G	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
																		up to 25/02/19 ) from MoDMR.
3	BD-DDM-29946-CS-QBS	Training, Exercise and Drills Program	LS	LS	10478.7		OTM (NCB)	PPA					19-Nov-18	30-Jun-20		REM-Australia & DTCL (Dhaka)		DDM got approval of TED program from MoDMR on 13/11/18 & contract signed on 19/11/18 .
4	URP-DDM/S-3.1	Consultancy Service for Training, Exercise and Drills Program	LS	LS								31-May-22	8-Jun-22	30-Aug-23		UNDP	95%	On-going
5	URP/DDM/S-5	D&S Consultant (DDC)	Month	12	30		OTM	PPA					31-Jan-18	30-Jan-19	Ongoing	DDC		
6	BD-DDM/S-4	Feasibility study of 2nd phase of URP	LS	LS	77.92			PPA				1-May-19	--	30-Mar-20				
7	URP-DDM/S-4.4	Consultancy Service for Design and Supervision-Substation										31-May-22	29-Jun-22	30-Dec-22	15-Jun-23	DDC	100%	Completed

Sl · No	Contract Package Number	Contract Descriptio n	Unit	Qty/ Nos.	Estimat ed Contra ct Amont (Tk in lakh)	Actual Contra ct Price (Taka in lakh)	Procedu re/ Method	PPA/B G	Prior Review (Yes/N o)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progre ss [%]	Remark s
										Planne d Date	Actual Date	Planne d Date	Actual Date	Planne d Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		at DDM Bhaban																

Sl. No	Description	Agency	Qty	Unit	Present Location	Status
<b>Procurement done</b>						
1	SAR Emergency Tenders	FSCD	22	Nos		
2	Water Rescue vehicle and boat	FSCD	05	Nos		
3	Breathing Apparatus (Fire Fighting Vehicle)	FSCD	06	Nos		
4	Personal Protective Equipment or (PPE) for FSCD	FSCD		Nos		
	a) Rescue suit-950 Nos		950	Nos		
	b) Chemical suit-30 Nos		30	Nos		
	c) Search light		900	Nos		
5	Rescuer Tools and Drone	FSCD	03	Nos		
6	Ambulance	DNCC & DSCC	10	Nos		
7	Mortuary Van for DNCC & DSCC-04 Nos	DNCC & DSCC	04	Nos		
8	Rescue Equipment (SAR)	DNCC & DSCC	10	Set		
9	Rescuer Carrying Vehicle (7.5 Ton Truck).	FSCD	06	Nos		
10	Turn Table Ladders (64m)	FSCD	03	Nos		
11	Hazmat materials (Equipped Vehicle)	FSCD	05	Nos		
12	Crane	DNCC, DSCC & SCC	03	Nos		
13	Wheel Type	DNCC, DSCC & SCC	03	Nos		
14	Chain Type Excavator	DNCC, DSCC & SCC	03	Nos		
15	Dozer	DNCC, DSCC & SCC	03	Nos		
<b>Due to Procurement</b>						
16	Rescue Boat for FSCD - 03 Nos	FSCD	03	Nos		



**Delivery completed for following equipment of Urban Resilience Unit (RAJUK part)**

Sl. No	Description	Unit	Qty
<b>Seismic lab equipment for URU (G-12)</b>			
1	Cyclic Universal Testing Machine (Capacity: 600 kN)	Nos.	1
2	Universal Testing Machine (2000 KN)	Nos.	1
3	Universal Testing Machine (Capacity: 600 kN)	Nos.	1
4	Cyclic Triaxial Test	Nos.	1
5	Cross-Hole Seismic Equipment (up to 60 m) with accessories and necessary Software	Nos.	3
6	Static Triaxial System	Nos.	2
7	Automatic Consolidation	Nos.	5
8	Direct and Residual Shear Test Device	Nos.	5
<b>Seismic field equipment for URU (G-13)</b>			
1	Overhead Crane with a capacity of 40 Ton with Double Girder	Nos.	1
2	Fork Lift (5 Ton)	Nos.	1
3	Terrestrial Laser Scanner (TLS) with necessary Software	Nos.	1
4	Parallel Seismic Instruments with ncs. Software	Nos.	2
5	Pile Integrity Tester with necessary Software	Nos.	2
6	Capo Test/Pullout Test Machine with accessor.	Nos.	10

Sl. No	Description	Unit	Qty
7	Microtremor Equipment with 5 Sensors and all necessary accessories	Nos.	2
8	Thermal Imager with Electronic Fungus Free Dry Box and necessary Software for Image Processing	Nos.	50
9	RTK Global Positioning System (GPS) with necessary Software	Nos.	5
<b>Field equipment of VA (G-15)</b>			
1	Rebar Scanner (Cover-meter) with accessories and necessary Software (depth of penetration minimum 12.0 inches)	Nos.	10
2	Rebar Scanner (Cover-meter) with accessories and necessary Software (depth of penetration minimum 6.0 inches)	Nos.	20
3	Ground Penetrating RADAR (GPR) with necessary Software and Accessories	Nos.	2
4	Electrical Resistivity	Nos.	2
5	Ultra-Pulse Velocity Machine	Nos.	10
6	Diamond Core Cutting Machine with all necessary accessories for both dry and wet condition	Nos.	10
<b>Equipment for Exploration of RSLUP Profile (G-17)</b>			
1	Truck mount CPT Equipment (Capacity: 2000 KN)	Nos.	2
<b>ICT equipment for Deploying ECPS (G-20)</b>			
1	Laptop	Nos.	100
2	Tablet for field use	Nos.	150
3	Firewall	Nos.	6
4	Switch with PoE	Nos.	5
5	Access Point with AC Power Injector	Nos.	15
6	Monitor (Minimum 27" Display)	Nos.	30
7	Video Wall Solutions	Nos.	1
8	All in one Multifunction A4/A3 Color Printer, Copier & Scanner	Nos.	12
9	Laser Measuring Device	Nos.	150
10	Docking Station	Nos.	30
11	UPS	Nos.	6
12	USB Keyboard & Mice set	Nos.	30
13	Surge Protector power Strip	Nos.	320
14	LAN Cabling with Power Supply	Lot	6

## Annex-6: Structural Engineer training program under S-8A package of Rajuk

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
1	Introduction to building codes, Introduction to BNBC	Dr. S.K. Ghosh	840	60	165	664	4-Jan-22	Tuesday
2	Electrical Constraction Permit System (ECPS)	Mrs. Nigar Kana	927	56	167	726	6-Jan-22	Thursday
3	Steel-01- Compression Members	Dr. Khan Mahmud Amanat	1050	61	178	791	8-Jan-22	Saturday
4	Steel 02 - Introduction to Seismic Design Concept of Steel Frames	Dr. Khan Mahmud Amanat	1165	60	188	875	9-Jan-22	Sunday
5	BNBC-2020 Parts 6,7; RAJUK's Bidhimala, BC Act, TI Act	Dr. Raquib Ahsan	1186	63	191	902	10-Jan-22	Monday
6	Concrete-01- Material Aspects and Strength Design	Dr. S.K. Ghosh	1242	61	196	932	11-Jan-22	Tuesday
7	Steel-03 - Seismic Design Concepts of Steel Frames	Dr. S.K. Ghosh	1223	62	194	927	12-Jan-22	Wednesday
8	Steel-04 - Floor System for Steel Building	Dr. Khan Mahmud Amanat	1098	57	193	858	15-Jan-22	Saturday
9	Concrete 03- Design of Beams and One-Way Slabs (Shear Design)	Dr. Khan Mahmud Amanat	1142	58	192	891	16-Jan-22	Sunday
10	Concrete 04- Design of Beams and One-Way Slabs (Development Length)	Dr. S.K. Ghosh	1192	64	196	926	17-Jan-22	Monday
11	Concrete 05- Columns	Dr. S.K. Ghosh	1202	67	202	929	18-Jan-22	Tuesday
12	Steel 05- Connections 1	Dr. S.K. Ghosh	1210	65	200	939	19-Jan-22	Wednesday
13	Steel 06- Connections 2	Dr. Khan Mahmud Amanat	1094	57	188	862	22-Jan-22	Saturday
14	Concrete 06- Two Way Slabs (Flexure)	Dr. Khan Mahmud Amanat	1162	63	198	920	23-Jan-22	Sunday
15	Concrete 07- Two Way Slabs (Shear)	Dr. S.K. Ghosh	1193	65	197	937	24-Jan-22	Monday
16	Concrete 08- Design for Torsion and Non-Seismic Detailing	Dr. S.K. Ghosh	1173	63	199	929	25-Jan-22	Tuesday

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
17	Concrete 09- Prestressed Concrete	Dr. S.K. Ghosh	1173	64	200	923	26-Jan-22	Wednesday
18	Steel 07- Stability Analysis of Steel Structures	Dr. Nur Yazdani	1066	57	193	848	27-Jan-22	Thursday
19	Steel 08- Stability Analysis of Steel Structures- Part 2	Dr. Khan Mahmud Amanat	1111	62	194	870	29-Jan-22	Saturday
20	Gravity Loading and Analysis	Dr. Khan Mahmud Amanat	1184	64	202	922	30-Jan-22	Sunday
21	Wind Loading and Analysis	Dr. S.K. Ghosh	1203	63	203	938	31-Jan-22	Monday
22	Seismic 01- Earthquakes and Their Effects on Structures	Dr. S.K. Ghosh	1181	62	203	931	1-Feb-22	Tuesday
23	Concrete-02 - Design of Beams and One-Way Slabs (Flexural Design)	Dr. S.K. Ghosh	1192	64	202	941	2-Feb-22	Wednesday
24	Ethics, Engineering Ethics, Duties, Responsibilities & Obligations of Engineers	Engr. Hamidul Hoque	1056	56	186	841	5-Feb-22	Saturday
25	Masonry Structures	Dr. Raquib Ahsan	1163	59	197	927	6-Feb-22	Sunday
26	Seismic 02- Seismic Design by BNBC 2020- Equivalent Lateral Force Procedure	Dr. S.K. Ghosh	1207	62	198	958	7-Feb-22	Monday
27	Seismic 03- Configuration and Structural Irregularity	Dr. S.K. Ghosh	1208	62	202	955	8-Feb-22	Tuesday
28	Seismic 04- Seismic Detailing for Intermediate Moment and Special Moment Frames	Dr. S.K. Ghosh	1176	60	200	942	9-Feb-22	Wednesday
29	Geotech 01- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1112	59	198	886	12-Feb-22	Saturday
30	Geotech 02- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1155	59	200	916	13-Feb-22	Sunday
31	Seismic 05- Seismic Detailing of Special Shear Walls and Coupling Beams	Dr. S.K. Ghosh	1157	60	202	918	14-Feb-22	Monday

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
32	Seismic 06- Seismic Design Analysis using Structural Dynamics	Dr. S.K. Ghosh	1161	61	204	931	15-Feb-22	Tuesday
33	Geotech 03- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1014	54	184	833	19-Feb-22	Saturday
34	Geotech 04- Soils and Foundations	Dr. Mehedi Ahmed Ansary	1094	57	192	888	20-Feb-22	Sunday
35	Seismic 07- Seismic Design Considerations Beyond the Basics	Dr. S.K. Ghosh	1064	59	185	870	21-Feb-22	Monday
36	Seismic 08- Nonstructural Components and Nonbuilding Structures	Dr. S.K. Ghosh	1130	62	199	912	22-Feb-22	Tuesday
37	Bridges 01- Preliminary Bridge Design using AASHTO LRFD 2017	Dr. Nur Yazdani	1114	61	197	894	23-Feb-22	Wednesday
38	Existing Buildings -01 -The Basic Concepts	Dr. A. S. Moghadam	1019	54	178	812	26-Feb-22	Saturday
39	Existing Buildings 02 Linear Analyses Procedures	Dr. A. S. Moghadam	1056	52	188	851	27-Feb-22	Sunday
40	Bridges 02- Loads and Flexural Design of Bridges (AASHTO LRFD 2017)	Dr. Nur Yazdani	1051	58	188	847	28-Feb-22	Monday
41	Existing Buildings 03-Nonlinear Analysis Procedures	Dr. A. S. Moghadam	1038	57	185	844	1-Mar-22	Tuesday
42	Bridges 03- Bridge Deck Design (AASHTO LRFD 2017)	Dr. Nur Yazdani	1023	57	182	824	2-Mar-22	Wednesday
43	Existing Buildings 04 - Modelling Parameters and Acceptance Criteria	Dr. A. S. Moghadam	910	50	168	737	5-Mar-22	Saturday
44	Bridges 06 - Structural Design of Railway Bridges	Engr. Anisur Zaman	993	58	182	809	6-Mar-22	Sunday
45	Bridges 04 - Bridge Substructure Design and Service Life Extension	Dr. Nur Yazdani	979	SS	182	799	7-Mar-22	Monday
46	Hydraulic Structures	Dr. Aaur Rahman	968	59	182	792	8-Mar-22	Tuesday

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
47	Bridge-5	Dr. Nur Yazdani	952	56	181	783	9-Mar-22	Wednesday
48	Bridges 07 - Seismic Design of Highway Bridges	Dr. Saiid Saiidi	886	49	171	724	10-Mar-22	Monday

## Annex-7: BNBC Training Courses under S-9 package of RAJUK

### A- General, Structural and Inspection

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
<b>Building Codes and Earthquakes</b>	G1	Introduction to Building Codes	N/A	S. K. Ghosh	23-Mar-21	1	367	383/341
	G2	Overview of BNBC 2020	N/A	Raquib Ahsan		2		
	G3	Review of Structural Design, Loads, Construction Practices and Safety	Part 6, Part 7	Raquib Ahsan	24-Mar-21	3	480	475/311
	G4	Earthquakes and Their Effects on Structures	N/A	S. K. Ghosh	6-Apr-21	6	541	576/360
	G5	Experience in Past Earthquakes, Lessons Learned	N/A	S. K. Ghosh	7-Apr-21	7	632	605/426
<b>General Building Requirements, Building Services</b>	G6	Structure and Environment	Part 3, Part 8	Ahmadul Hassan and Md. Atiqur Rahman	30-Jun-21	22	418	360/323
	G7	Responsibilities of Professionals	N/A	Hamidul Hoque	28-Jun-21	21	261	230/204
<b>Administration and Enforcement</b>	S1	<i>Bidhimala</i> , BC Act, and TI Act	Part 2	Raquib Ahsan	30-Mar-21	4	412	519/403

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
Concrete Material	S2	Concrete Materials	Part 1, Chapter 2, Part 6, Chapter 5, and Part 5, Chapter 2 (Relevant portion)	Raquist Ahsan	31-Mar-21	5	442	562/495
Loads on Buildings and Structures	S3	Gravity Loads on Buildings and Structures	Part 6, Chapter 2	S. K. Ghosh	18-May-21	10	459	416/281
	S4	Wind Loads on Buildings and Structures	Part 6, Chapter 2	S. K. Ghosh	19-May-21	11	515	432/327
	S5	Seismic Design 1	Part 6, Chapter 2, Appendix C	S. K. Ghosh	25-May-21	12	520	455/360
	S6	Seismic Design 2	Part 6, Chapter 2, and Appendix C	S. K. Ghosh	26-May-21	13	552	456/284
Soils and Foundations	S7	Soils and Foundations 1	Part 6, Chapter 3, and Appendices D to H	Md. Zoynul Abedin	1-Jun-21	14	581	515/381
	S8	Soils and Foundations 2	Part 6, Chapter 3, and Appendices D to H	Mehedi Ahmed Ansary	2-Jun-21	15	585	496/455
Anchoring to Concrete	S9	Anchoring to Concrete	Part 6, Chapter 6, and Appendix K	S. K. Ghosh	8-Jun-21	16	524	411/250
Masonry Structures	S10	Masonry Structures	Part 6, Chapter 7	Raquist Ahsan	7-Jul-21	23	437	373/364
Earthquake Resistant Design Provisions	S11	Seismic Detailing of Moment Frames	Part 6, Chapter 8	S. K. Ghosh	15-Jun-21	17	512	449/427
	S12	Seismic Detailing of Shear Walls	Part 6, Chapter 8	S. K. Ghosh	16-Jun-21	18	538	459/424
Steel Structures	S13	Steel Structures 1	Part 6, Chapter 10, and Appendices N to T	Raquist Ahsan	22-Jun-21	19	501	448/343
	S14	Steel Structures 2	Part 6, Chapter 10, and Appendices N to T	Raquist Ahsan	23-Jun-21	20	505	427/421
Safety During Construction and Demolition Work	S15	Construction Safety, Construction Quality, Demolition	Part 7, Chapters 3, and 4	Raquist Ahsan	15-Jul-21	24	362	308/301



General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
Inspection	I1	Overview of Inspection Requirements Proposed by Component S-09 of URP: RAJUK Part (two hours) Pre-recorded	Part 2, Chapter 3	Tim Ryan	11-May-21	8	159	127/121
	I2	<i>Inspector Skills (two hours) Pre-recorded</i>	Part 2, Chapter 3	Tim Ryan	12-May-21	9	156	132/128
<b>Total: 12 Main Topic Areas</b>	24 Modules	21 focused topics	5 Parts and several chapters and appendices			24 Sessions		

## B- Fire & Life Safety, Building Services, Accessibility, Energy, Planning

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
Building and Fire and Life Safety	NS1	Occupancy classification and types of construction classification	Part 3, portions of Chapters 1, 2 and 3	Ziaul Islam	20-Apr-21	1	369	322/111
	NS2	Occupancy based requirements, building height and area limitations	Part 3, Portions of Chapters 2 and 3	Ziaul Islam	21-Apr-21	2	518	429/335
	NS3	General provisions and Means of Egress	Part 4, Chapters 1, 2, 3 and portions of other chapters	Maksud Helali	13-Jul-21	18	173	159/90
	NS4	Passive and active fire protection and fire detection	Part 4, Chapters 4, 5, and Appendix A,B, C	Maksud Helali	14-Jul-21	19	349	310/244
Building Services	NS5	Electrical systems and services, Part 1 (two hours) Part 2 (two hours) Pre-Recorded	Part 7, Appendix A and Part 8, Chapter 1, Appendix A, B and C	Jerry Flanik	Part 1 6/29/2021	15	194	153/141
					Part 2 6/30/2021	16	155	135/128
	NS6	Mechanical (HVAC), Part 1 (two hours) Part 2 (two hours) Pre-Recorded	Part 8, Chapter 2	Jerry Flanik	Part 1 6/1/2021	7	133	120/113
					Part 2 6/2/2021	8	161	135/130

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
	NS7	<i>Lifts/escalators/moving walks, (two hours) Pre-Recorded</i>	Part 8, Chapter 4 and Appendix L	Jerry Flanik	23-Jun-21	14	150	131/122
	NS8	Plumbing, fuel gas, acoustics/sound transmission,	Part 8, Chapters 3, 5, 6, 7, 8, and Appendix D through W except L	Jerry Flanik	Part 1 5/19/2021	5	147	118/115
Part 2 6/8/2021					9	152	123/115	
Part 3 6/9/2021					10	133	109/106	
Part 4 6/15/2021					11	140	119/116	
Part 5 6/16/2021					12	141	121/118	
Part 6 6/22/2021					13	132	120/116	
Part 7 7/6/2021					17	125	107/98	
<b>Accessibility</b>	NS9	Building accessibility for the disabled (three hours) <i>Pre-Recorded</i>	Part 3, Appendix D, Part 8, Chapter 4, and portions of various chapters	Amber L Armstrong	25-May-21	6	235	194/176
<b>Energy</b>	NS10	<i>Building Energy Efficiency (three hours) Pre-Recorded</i>	Part 3, Chapter 4 and portions of other chapters	Shaunna Mazingo	6-May-21	4	356	276/244
<b>Planning, housing and land development standards</b>	P1	Planning, guidelines and special requirements for land and housing development	Part 3, Appendix Chapters A, B, C, E	Ziaul Islam	4-May-21	3	233	198/139
<b>Total: 5 Main Topic Areas</b>	11 Modules	11 focused topics	4 Parts and several chapters and appendices			19 Sessions		

## C-BNBC Seismic Training

<b>Date</b>	<b>Host Institution</b>	<b>Subject</b>
12 March, 2019	MIST	Seismic Design by ASC E 7-05
06 May, 2019	MIST	Seismic Design by ASCE 7-05
17 June, 2019	IEB	Seismic Design by ASCE 7-05 (Basis of Seismic Design by BNBC-2020)
09 September, 2019	BUET JIDPUS	Seismic Design by ASCE 7-05 (Basis of Seismic Design by BNBC-2020)
02 February, 2020	BUET JIDPUS	Seismic Detailing of Reinforced Concrete Frames by BNBC-2020
03 February, 2020	BUET JIDPUS	Structural Analysis Using ETABS
04 February, 2020	BUET JIDPUS	Seismic Detailing of Reinforced Concrete Shear Walls by BNBC-2020

## Annex-8: List of training activities & drill under the TED Programme

### A. Completed Trainings and Workshops up to April 2023:

SI	Completed Training and workshop	Date	Venue	Number of Attendees
1	Multi-Agency Training Inception Workshop	23 June 2022	Bangabandhu International Conference Center (BICC)	101
2	Training Inception Workshop with Dhaka South City Corporation	4 July 2022	Dhaka South City Corporation	66
3	Training Inception Workshop with Department of Disaster Management	5 July 2022	Department of Disaster Management	49
4	Training Inception Workshop with Ministry of Disaster Management and Relief	6 July 2022	Conference Room, Ministry of Disaster Management and Relief	43
5	Training Inception Workshop with Bangladesh Fire Service & Civil Defence	14 July 2022	Conference Hall, Bangladesh Fire Service & Civil Defence Head Office	60
6	Training Inception Workshop with Dhaka North City Corporation	19 July 2022	Dhaka North City Corporation	51
7	Training Inception Workshop with Sylhet City Corporation	21 July 2022	Sylhet City Corporation	56
8	Basic Disaster Risk Management (Batch 1)	24 July-28 July 2022	Sarah Resort, Gazipur	30
9	Basic Disaster Risk Management (Batch 2)	21-25 August 2022	Sarah Resort, Gazipur	28
10	Basic Disaster Risk Management (Batch 3)	4-8 September 2022	Sarah Resort, Gazipur	32
11	Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies [ Session 1 ]	11-15 September 2022	Sarah Resort, Gazipur	25
12	Basic Disaster Risk Management (Batch 4)	18-22 September 2022	Sarah Resort, Gazipur	30
13	Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 1]	16-20 October 2022	Hotel Long Beach , Cox's Bazar	29
14	Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies [ Session 2 ]	23-27 October 2022	Hotel Royal Tulip, Cox's Bazar	25

15	Consultation Workshop on Roadmap Towards INSARAG Recognized National Accreditation Process (IRNAP)	24 October 2022	Hotel Pan Pacific Sonargaon, Dhaka	30
16	Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 2]	30 October - 3 November 2022	Hotel Long Beach, Cox's Bazar	29
17	Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 3]	13-17 November 2022	Hotel Long Beach, Cox's Bazar	30
18	Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies (Total 15 lessons, 3 Batch) [Session 3]	20-24 November 2022	Grand Sultant Sylhet	25
19	Conduction of Training on basic components of EOP and EOC for 06 Agencies Staff (Total 08 lessons) [batch 4]	27 November 2022 – 1 December 2022	Hotel Long Beach, Cox's Bazar	33
20	Training on procurement of Specialist Search and Rescue Equipment (Rescuer tool Drone) for FSCD - Package 2.5	12-14 February 2023	FSCD Premise, Fulbaria, Dhaka	10
21	Training on Supply of Specialized Search and Rescue Equipment (Ambulance) - Package 2.6	12-14 February 2023	DNCC Premise, Gulshan, Dhaka	11
22	Consultation Workshop on INSARAG Accreditation of National Urban Search and Rescue (USAR) Team	16 February 2023	Brac CDM, Savar	50
23	Document Review and consultation workshop for agency specific EOP formulation, developing SOP for a functional EOC	15-17 February 2023	Sarah Resort, Gazipur	25
24	Consultation Workshop on Formation of LEMA, Framework and Technical Working Groups Development for INSARAG Accreditation Process	21-23 February 2023	Radisson Blu Chattogram Bay View, Chattogram	25
25	Workshop on agency-specific EOP formulation, developing SOP for a functional EOC, planning for Tabletop Exercise and Drills under the "Training, Exercise, and Drill (TED) program"	25-28 February 2023	Sarah Resort, Gazipur	25
26	Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX) for FSCD	02 March 2023	Bangabandhu International Conference Center (BICC), Dhaka	13
27	Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX) for SCC	05 March 2023	Hotel Noorjahan, Grand, Sylhet	20
28	ICT equipment training of EOC for DNCC, DSCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15)-Batch 01	5-7 <sup>th</sup> March, 2023	DNCC Premise, Gulshan, Dhaka	20

29	Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX)for DNCC and DSCC	09 March 2023	Hotel Sarina, Dhaka	34
30	Consultation Workshop on Progress of LEMA, Technical Working Groups, Self-evaluation and USAR Team Accreditation	10-13 March 2023	Saint Martins, Teknaf	15
31	Tabletop Exercise (TTX) and tabletop part of Field Training Exercise (FTX)for MoDMR and DDM	12 March 2023	Hotel Sarina, Dhaka	36
32	Multi-Agency Exercise on EOP and functional EOC (Day 1)	14 March 2023	Palmview Restaurant, Army Golf Club, Dhaka	113
33	Multi-Agency Exercise on EOP and functional EOC (day 2)	15 March 2023	Palmview Restaurant, Army Golf Club, Dhaka	115
34	Training for National USAR Team on Incident Command System, Logistics and INSARAG Policy and Guideline	16-18 March 2023	Sundarbans, Khulna	16
35	Briefing on IAEM Registration and Preparation for Mock Test	25 March 2023	Online Meeting	25
36	ICT equipment training of EOC for DNCC, SCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15) -Batch 02	28-30 Mar-2023	DNCC, Dhaka	20
37	“Procurement of Specialized ICT Equipment (Lot-01: i. DMR Network & ii. UHF Radio Terminals and Related Installations) for SCC” ( Package 1.4)	1 Apr to 4 Apr, 2023	Sylhet city corporation	15
38	The IAEM mock test (online)	8 <sup>th</sup> April,2023	Online	13
39	“Procurement of Specialized ICT Equipment (DMR [Digital Mobile Radio] Network and Related Installation-VHF) for FSCD” (package 1.8)	9 Apr to 11 Apr, 2023	FSCD, Dhaka	15
40	Progress Review Workshop and Consultation meeting	30 April, 2023	Grand Sultan Sreemangal	18
41	TED Progress Meeting RIG Cluster (UNDP):	9 <sup>th</sup> May 2023	UNDP,Dhaka	22
42	IAEM Mock test 2	13 <sup>th</sup> May 2023	DDM,Dhaka	17
43	Supply of Specialized Search and Rescue Equipment (Water Rescue) for FSCD” (Package 2.2)	21-23 May 2023	FSCD, Dhaka	13
44	Preliminary Self-assessment of FSCD's capacity to form a USAR Light Team as per INSARAG Guideline_ (TED)	25 May 2023	Army Golf Club	20
45	3 <sup>rd</sup> IAEM mock test	27 <sup>th</sup> May, 2023	DDM	18
45	Supply of Specialized Search and Rescue Equipment (Emergency Tenders) for FSCD” (Package 2.1)	30 May-1 June, 2023	Cox’s Bazar	14

46	MOCK test- 4 and Residential Workshop on IAEM Registration & Preparation	11-13 June	Dera Resort, Manikgonj	16
			<b>Total Participants</b>	<b>1526</b>

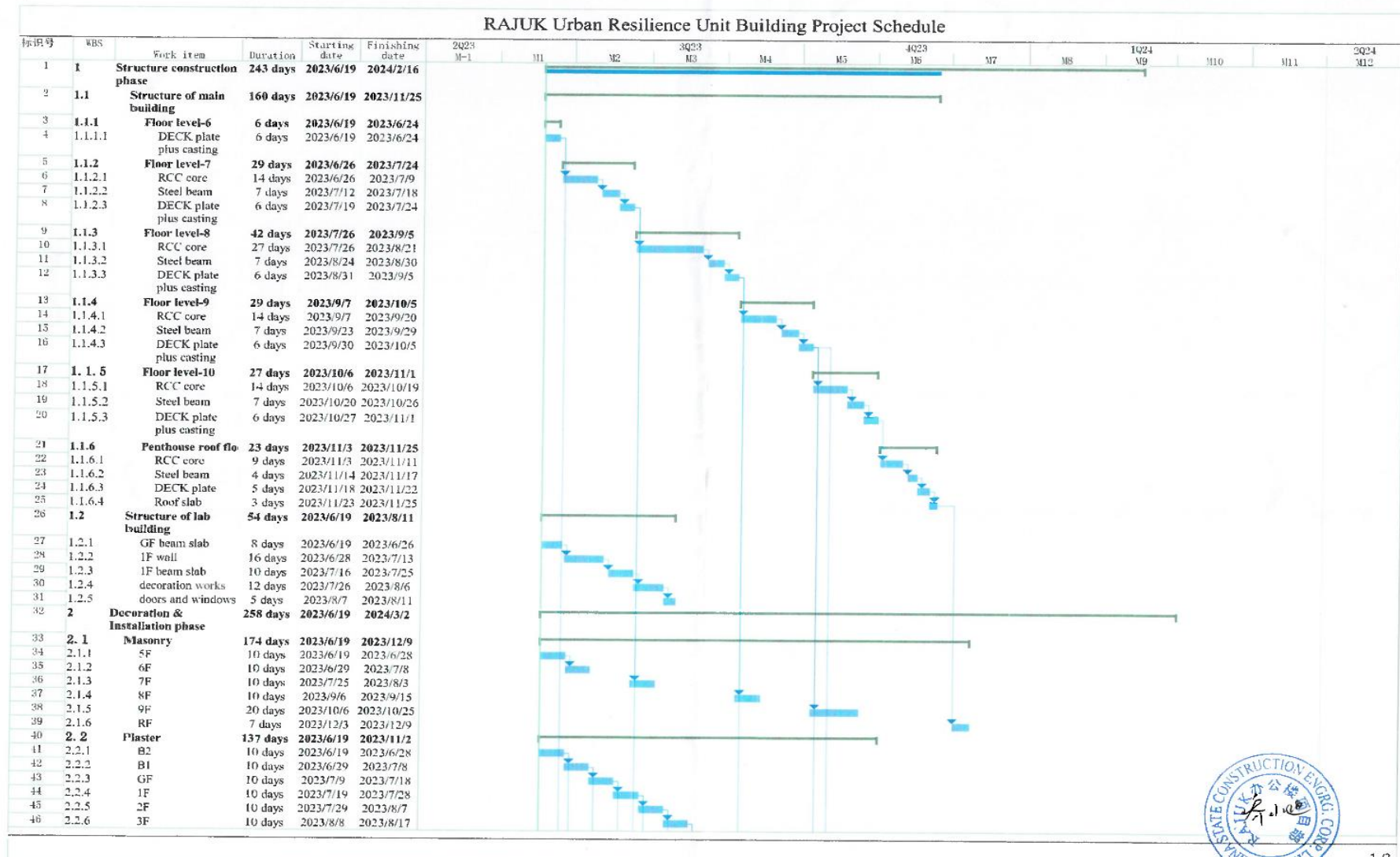
## B. Upcoming Training and Workshops

S/NO	Activity	Date	Nos of Participants	Venue/ Location
1	“Procurement of HazMat (Hazardous Materials) Tender for FSCD” (Package 2.10)	25 to 27 July	10	Yet to be fixed
2	Pre-Hospital Care (INSARAG) -Part 2	3 June to 8 June	20	FSCD, MIRPUR, Dhaka
3	Search and Rescue (INSARAG)	17 June to 22 June	20	FSCD, MIRPUR, Dhaka
4	Search and Rescue (INSARAG)	1 July to 7 July	20	FSCD, MIRPUR, Dhaka
5	Hazmat -INSARAG (1st day travel day)	TBD	20	FSCD, MIRPUR, Dhaka
6	Pre-Hospital Care (INSARAG)-Part 1	TBD	20	FSCD, MIRPUR, Dhaka



## Annex-9: List of Remaining Works & Programme Schedule of URU Construction

Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK”.



### RAJUK Urban Resilience Unit Building Project Schedule

标识号	WBS	Work item	Duration	Starting date	Finishing date	2Q23	M1	M2	3Q23	M4	M5	4Q23	M7	M8	1Q24	M10	M11	2Q24	
						M-1			M3			M6			M9			M12	
17	2.2.7	4F	10 days	2023/8/18	2023/8/27														
18	2.2.8	5F	10 days	2023/8/28	2023/9/6														
49	2.2.9	6F	10 days	2023/9/7	2023/9/16														
50	2.2.10	7F	10 days	2023/9/17	2023/9/26														
51	2.2.11	8F	10 days	2023/9/27	2023/10/6														
52	2.2.12	9F	20 days	2023/10/7	2023/10/26														
53	2.2.13	RF	7 days	2023/10/27	2023/11/2														
54	2.3	<b>Fire work+HVAC</b>	<b>116 days</b>	<b>2023/6/19</b>	<b>2023/10/12</b>														
55	2.3.1	B2	5 days	2023/6/19	2023/6/23														
56	2.3.2	B1	5 days	2023/6/24	2023/6/28														
57	2.3.3	GF	7 days	2023/6/29	2023/7/5														
58	2.3.4	1F	7 days	2023/7/6	2023/7/12														
59	2.3.5	2F	7 days	2023/7/6	2023/7/12														
60	2.3.6	3F	7 days	2023/7/13	2023/7/19														
61	2.3.7	4F	7 days	2023/7/13	2023/7/19														
62	2.3.8	5F	7 days	2023/7/20	2023/7/26														
63	2.3.9	6F	7 days	2023/6/25	2023/7/1														
64	2.3.10	7F	7 days	2023/7/25	2023/7/31														
65	2.3.11	8F	7 days	2023/9/6	2023/9/12														
66	2.3.12	9F	7 days	2023/10/6	2023/10/12														
67	2.4	<b>Plumbing+Electric</b>	<b>131 days</b>	<b>2023/6/29</b>	<b>2023/11/6</b>														
68	2.4.1	B2	7 days	2023/6/29	2023/7/5														
69	2.4.2	B1	7 days	2023/7/9	2023/7/15														
70	2.4.3	GF	7 days	2023/7/19	2023/7/25														
71	2.4.4	1F	7 days	2023/7/29	2023/8/4														
72	2.4.5	2F	7 days	2023/8/8	2023/8/14														
73	2.4.6	3F	7 days	2023/8/18	2023/8/24														
74	2.4.7	4F	7 days	2023/8/28	2023/9/3														
75	2.4.8	5F	7 days	2023/9/7	2023/9/13														
76	2.4.9	6F	7 days	2023/9/17	2023/9/23														
77	2.4.10	7F	7 days	2023/9/27	2023/10/3														
78	2.4.11	8F	7 days	2023/10/7	2023/10/13														
79	2.4.12	9F	7 days	2023/10/27	2023/11/2														
80	2.4.13	RF	4 days	2023/11/3	2023/11/6														
81	2.5	<b>Generator</b>	<b>30 days</b>	<b>2023/6/19</b>	<b>2023/7/18</b>														
82	2.6	<b>Lift</b>	<b>60 days</b>	<b>2023/11/20</b>	<b>2024/1/18</b>														
83	2.7	<b>Decoration</b>	<b>258 days</b>	<b>2023/6/19</b>	<b>2024/3/2</b>														
81	2.7.1	B2	15 days	2023/6/19	2023/7/3														
85	2.7.2	B1	15 days	2023/7/4	2023/7/18														
86	2.7.3	GF	15 days	2023/11/7	2023/11/21														
87	2.7.4	1F	10 days	2023/11/22	2023/12/1														
88	2.7.5	2F	10 days	2023/12/2	2023/12/11														
89	2.7.6	3F	10 days	2023/12/12	2023/12/21														
90	2.7.7	4F	10 days	2023/12/22	2023/12/31														
91	2.7.8	5F	10 days	2024/1/1	2024/1/10														
92	2.7.9	6F	10 days	2024/1/11	2024/1/20														
93	2.7.10	7F	10 days	2024/1/21	2024/1/30														
94	2.7.11	8F	10 days	2024/1/31	2024/2/9														
95	2.7.12	9F	15 days	2024/2/10	2024/2/24														
96	2.7.13	RF	7 days	2024/2/25	2024/3/2														
97	3	<b>Curtail wall installer</b>	<b>118 days</b>	<b>2023/10/13</b>	<b>2024/2/7</b>														
98	3.1	1F	12 days	2023/10/13	2023/10/24														
99	3.2	2F	12 days	2023/10/25	2023/11/5														
100	3.3	3F	12 days	2023/11/6	2023/11/17														
101	3.4	4F	12 days	2023/11/18	2023/11/29														



### RAJUK Urban Resilience Unit Building Project Schedule

标识号	WBS	Work item	Duration	Starting date	Finishing date	2023 M-1	M1	M2	3Q23 M3	M4	M5	4Q23 M6	M7	M8	1Q24 M9	M10	M11	2Q24 M12
102	3.5	5F	12 days	2023/11/30	2023/12/11													
103	3.6	6F	12 days	2023/12/12	2023/12/23													
104	3.7	7F	12 days	2023/12/24	2024/1/4													
105	3.8	8F	12 days	2024/1/5	2024/1/16													
106	3.9	9F	12 days	2024/1/17	2024/1/28													
107	3.10	RF	10 days	2024/1/29	2024/2/7													
108	4	<b>Floating floor</b>	<b>91 days</b>	<b>2023/10/25</b>	<b>2024/1/23</b>													
109	4.1	1F	7 days	2023/10/25	2023/10/31													
110	4.2	2F	7 days	2023/11/6	2023/11/12													
111	4.3	3F	7 days	2023/11/18	2023/11/24													
112	4.4	4F	7 days	2023/11/30	2023/12/6													
113	4.5	5F	7 days	2023/12/12	2023/12/18													
114	4.6	6F	7 days	2023/12/24	2023/12/30													
115	4.7	7F	7 days	2024/1/5	2024/1/11													
116	4.8	8F	7 days	2024/1/17	2024/1/23													
117	5	<b>Outdoor engineering</b>	<b>50 days</b>	<b>2023/11/7</b>	<b>2023/12/26</b>													
118	5.1	Outdoor pipe network	30 days	2023/11/7	2023/12/6													
119	5.2	Outdoor paving	20 days	2023/12/7	2023/12/26													
120	5.3	Green planting	10 days	2023/12/7	2023/12/16													
121	6	<b>Completion acceptance</b>	<b>90 days</b>	<b>2024/2/1</b>	<b>2024/4/30</b>													
122	6.1	System commissioning	60 days	2024/2/1	2024/3/31													
123	6.2	Completion record	20 days	2024/4/1	2024/4/20													
124	6.3	Taking over	10 days	2024/4/21	2024/4/30													

