



**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)**

**3rd Annual Progress Report
(July 2020 - June 2021)**



October 18, 2021



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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
BCC	Bangladesh Computer Council
BNBC	Bangladesh National Building Code
BTRC	Bangladesh Telecommunication Regulatory Commission
BUERP	Bangladesh Urban Earthquake Resilience Project
CCR	Command and Control Room
CDMP	Comprehensive Disaster Management Programme
CNA	Capacity Needs Assessment
CNR	Concept Note Report
CPAR	Construction Permitting Assessment Report
CSAR	Comprehensive Situation Analysis Report
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
ECT	Electronic Control Technique
EHS	Environmental, Health, and Safety Guidelines
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
FASP	Fast Automatic Structural Plan
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
IBAS++	Integrated Budget and Accounting System
IBR	Indicators Baseline Report
ICC	International Code Council
ECT	Emergency & Communication Technology
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

KII	Key Informant Interviews
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
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
URP	Urban Resilience Project
URU	Urban Resilience Unit
VHF	Very High Frequency
WB	World Bank

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Executive Summary

Here we present the Executive Summary of the 3rd Annual Progress Report (APR) and the 13th Quarterly Progress Report (QPR) summarizing the key findings, challenges and opportunities, conclusions and recommended corrective actions of the Monitoring and Evaluation (M&E) team. This 13th QPR covers the fourth quarter of the current fiscal year (Q4 of FY 2020-2021) from April 1 until June 30, 2021 as part of the 3rd Annual Progress Report which covers the entire fiscal year from July 1, 2020 to June 30, 2021. Chapter 2 of this report covers the fourth (4th) quarterly update while Chapter 3 encompasses the entire annual update. The draft version of this report was submitted to Project Co-ordination and Monitoring Unit (PCMU), Planning Commission on July 31, 2021. Later, it was presented in the Project Technical Committee meeting on August 25, 2021 and in the 15th Project Steering Committee (PSC) meeting on September 29, 2021. Followed by the recommendations and suggestions of the Technical Committee and PSC the report was finalized and we are hereby submitting the Final version. Thus, we hope this APR is a 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 Annual 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 Component A, **DDM** was able to complete the long pending renovation work of the office spaces for the ERCC (Emergency Response and Communication Centre) and the NDMRTI (National Disaster Management Research and Training Institute) in its own building in Dhaka (**Sub-component A-1**). However, DDM made no progress towards implementing the Training, Exercises and Drills (TED) Program under Sub-component A-5 since the TED contract was terminated in November 2020.

The renovation work of the National NDMRTI and ERCC started later than the scheduled time and was hampered by the COVID-19 pandemic. Per the original contract, the due date to complete the renovation work was July 15, 2019, or over two years ago. DDM extended the expected construction completion date of the ERCC & NDMRTI to December 30, 2020. The renovation works includes the construction of office rooms, training centres, computer labs, a multipurpose hall, library, auditorium, ECT server room, media centre, ERCC observation room and emergency exit. Although the renovation work is now completed, the ERCC and NDMRTI are only partially operational since these facilities are yet to be equipped with Emergency Communication Technology (ECT) by DNCC.

DDM is also responsible for managing the TED Program under **Sub-component A-5**. The M&E team reported earlier this year in our 10th and 11th QPRs that the TED Program had been postponed over a year since mid-March of last year (2020). The contract with the consultant team of REM/DTCL was ended in November 18, 2020, but the final financial payments are now embroiled in a legal dispute that will likely end up in arbitration, preventing the re-initiation of the program with the REM/DTCL consortium.

Both parties maintained communications in order to reach an amicable financial settlement, but were unable to do so. The PIU of DDM asked for the original signed bills and vouchers from REM to process the payments, but those have not been provided by REM/REM. As a result, the process has been delayed. **Thus, the current status of the TED Program is not going to serve its intended purposes. This will effectively preclude the URP’s ability to argue that it has satisfactorily achieved the first part of the Project Development Objective (PDO) to: “strengthen the capacity of Government of Bangladesh agencies to respond to emergency events”** since the personnel who will operate and maintain the equipment that has been procured or will implement the operational “rules of engagement” in an emergency event have not been trained in them nor can they ‘demonstrate’ their proficiency under actual emergency response situations. The latest update is that the DDM-PIU is working with their line Ministry to restart TED program through the United Nations Development Programme (UNDP).

In terms of financial progress, the overall financial performance of DDM is not up to the mark which was reported **35% in FY 2020-21**, particularly in the first three initial quarters (First, Second and Third Quarters at 23%, 29% and 19% respectively). Financial progress of DDM, however, was up at 67% in the Fourth Quarter due to payment of bills for renovation of NDMRTI and ERCC along with procurement of equipment for DDM (Component A1).

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), most of the facilities under the Sub-Component had already been constructed before this reporting period. During this past fiscal year, construction of the Emergency Operation Centre (EOC) including the Disaster Risk Management (DRM) office and Urban Resilience Unit in DSCC were completed by August, 2020. In addition, the tenders were floated to construct the Greenfield towers for DNCC, DSCC, SCC (W-2.4) and FSCD (W-2.5). Although, the completion of the Greenfield towers is scheduled for December 2021, but it is predicted that due to the COVID pandemic and delayed approval of DNCC’s RDPP this construction works may be delayed.

Under **Sub-component A-3** (to supply, install and integrate specialized emergency communication technology (ECT) equipment for DRM), various packages of ECT materials (DMR network and related installations) were delivered for DNCC, DSCC, SCC and FSCD. Still more packages of ECT materials are on process for procurement. While these significant packages of ECT materials are delivered, they are yet in the process of installation at the Emergency Operation Centre (EOCs) of DNCC, DSCC & SCC as well as a Command-and-Control Room (CCR) for FSCD. Procurement of ECT equipment for ERCC and NDMRTI was also processed during this period. The M&E team found that the construction of the rooftop base stations and installation of the DMR network is on-going. At the time of preparing this report, construction of eight (8) rooftop base stations have been completed and one (1) is still on-going.

Finally, under **Sub-component A-4** (to supply specialized urban search and rescue (USAR) equipment to FSCD and city corporations), DNCC already completed all of its programmed procurements of USAR equipment (Annex-5). The only milestone due in this quarter was the procurement of three (3) SAR boats, which was delayed due to the COVID-19 pandemic. If the shipment is cleared, it is expected that the boats will be delivered by December 2021

Therefore, the **overall expenditures by DNCC** were about 16,944.3 Lac BDT in FY 2020-21. This is 89% of its annual allocation of 19,100 Lac BDT. This is a good piece of financial progress under this pandemic situation.

RAJUK and Component B and C

RAJUK has the lead role for implementing **Component B** (Vulnerability Assessments of Critical and Essential Facilities) and **Component C** (Improved Construction, Urban Planning and Development).

Under **sub-component B-1** in terms of Vulnerability Assessment of Critical and Essential Facilities, the **Rapid Visual Assessment (RVA)** (minimum 3 million Sqm) with rankings of all buildings (**MD-03**) was completed, the **Preliminary Engineering Assessment** was also completed and the **Detailed Engineering Assessment (DEA)** is ongoing.

Under **Sub-component B-2**, approval of the **Final Strategic Environmental Assessment Report (MD-1.2)** done; detailed Geotechnical Study (including all field and all laboratory tests) by means of **Standard Penetration Tests (SPT) (GD-2)**; Cone Penetration Tests (CPT) (**GD-3**) and **Seismic Downhole tests (GD-4.1)** were completed within the reporting period. Due to covid pandemic progress for these geotechnical tests were late. A final comprehensive report was prepared with the outcomes of the mentioned geotechnical and geological studies reflecting the results and way forward. These outcomes were included in the compilation of the Seismic and Hazard Mappings and risk profiles for the greater Dhaka City (MD-4.1).

The objective of **Component C** is to put in place the institutional infrastructure and competencies required by RAJUK to reduce the long-term disaster vulnerability of the built environment and critical urban services in the greater Dhaka metro area. This is intended to address both the existing built environment as well as future development and infrastructure investments.

Sub component C-1 was designed to support 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. Among the most important tasks conducted under this sub-component were the Notification of Award (NOA) and Cabinet Committee on Government Purchase (CCGP) approval in order to sign the contract to construct the URU building under W-1. Work constructing the **URU building** started with: (i) installation of 40-meter-deep test piles; (ii) installation of over 100 shore piles 25 meters depth; (iii) establishment of a site office and general facilities, (iv) construction of service piles; (v) conduction of static load tests for service piles and (vi) completion of earth work excavation, slope protection, and clearance.

Sub-component C-2 was intended to design, develop and implement an Electronic Construction Permitting (e-permit) System for building construction in Dhaka. The consulting team led by RTI-International (RTI) started with **in-house testing (IHT)** in mid-September and completed it a week later by September 22, 2020, submission of the draft version of "main deliverable" **User Acceptance Testing (UAT)** Report was completed on March 30, 2021 and was revised a week later on April 7 2021. The **Operational Acceptance Testing (OAT) Report** was submitted on April 12, 2021 and was revised on June 19, 2021. The **Final OAT Report** was submitted on April 12, 2021 and was revised on June 25, 2021. All these reports are now under review by RAJUK for final approval. Launching of the ECP is delayed due to covid-19 pandemic

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. RAJUK sign a contract to develop a Professional Accreditation Program within RAJUK with the International Code Council (ICC) on March 1, 2021 to implement this sub-component. ICC submitted its Inception Report on May 12, 2021 and a validation meeting was then held on May 27, 2021 to discuss the report with interested parties. Now, the approval process is still pending with RAJUK's PIU.

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). The first “main deliverable” for this sub-component, the **Proposed Program for Building Codes and Construction Code Enforcement Report (Initial/Final)**, was completed. Presently, work is on-going to prepare two other major deliverables: (i) the Training and Capacity-building Report, and (ii) the Educational and Outreach Campaign Report.

Regarding the financial progress, **RAJUK could spend 9,496 Lac BDT i.e., 96%** in compared to its annual allocation of 9,900 Lac BDT. It is the highest annual expenditure rate of RAJUK within the last few years.

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. Under **Component D**, PCMU has arranged a series of validation meetings to maintain effective coordination among the implementing agencies and to review and approve the deliverables prepared by the M&E team. In this reporting period, the M&E team submitted the 9th, 10th, 11th and 12th Quarterly Progress Reports, the 2nd Annual Progress Report and the URP Final Report covering the period from the beginning of the project (that is, March 2015 to June 2020). In addition, PCMU organised the 12th, 13th and 14th Project Steering Committee (PSC) meetings, two Technical Committee meetings, one PIC (Project Implementation Committee) meeting, and one Coordination meeting to uphold the operative coordination function among different stakeholders of the projects.

Besides, lots of initiatives **PCMU** is coordinating the 18-month extension of the Urban Resilience Project as it appears in the last *Implementation Support Review Mission's; Aide Memoire: April 4-26, 2021* that “the Mission assessed an estimated 18 months’ extension of the project closing date (would be required) to achieve the PDO”.

PCMU, with respect to financial resources under its allocation, has spent 86% of its annual financial allocation of 890 Lac BDT. Quarter-wise distribution of financial progress shows that PCMU has achieved 100% progress in each of the 3 (three) initial quarters. But in the 4th Quarter, its progress has declined drastically to about 40%.

II. Challenges and Opportunities

Over the last year, the **Covid-19 pandemic** has been the most significant and persistent challenge facing the URP. It is not only affecting the functioning of the Project, but also gripping the entire Government and nation of Bangladesh. The multiple effects of the COVID lockdown have significantly delayed much of the Project’s work, including the URU construction and most other work under Component C, as well as field work under Component B. Construction of the Greenfield towers has also been delayed by Covid.

Due to the postponement of the TED Programme the achievement of Project Development Objective (PDO) i.e., “to strengthen the capacity of Government of Bangladesh agencies to respond to emergency events and to strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet” is at high risk. **Besides, the Project Development Objectives Indicator (PDOI)-3, Intermediate Results Indicators (IRI)-6 & 7 will be completely and the PDOI 1 & 2 will be partially affected** if the planned TED is not implemented.

Under URP’s DNCC part 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) those are detailed described in Chapter 3. 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 equipment and training for the personnel who will operate and maintain that equipment.

Considering the tight timeframe, ongoing COVID Pandemic lockdown with hampered construction work in the rainy season the **completion of Urban Resilience Unit (URU) is expected to be delayed**. Subsequently due to lockdown and limited works in the government offices the **process of URU operationalization work will also be delayed**.

Besides, the M&E team observed multiple instances of non-compliance with the World Bank's applicable Environmental and Social Safeguard Standards (ESS-1, ESS-2 & ESS-4) as well as with the Bank's EHS Guidelines, as described above in the Chapter 3 during the Q2 and Q3 of the reporting fiscal year. The M&E team worked with the design and supervision firm to address these issues and the situation found gradually improving.

III.Recommendations and Conclusions

As indicated in the challenges section above, due to the discontinuation of TED Program, three of the four PDO level indicators (PDOI-3 completely and PDOI 1& 2 partially) as well as IRI 6 and 7 will likely not be achieved satisfactorily.

Therefore, given the seriousness of sub-component A-5, **we recommend that the TED Program be started** as an urgent priority. We also recommend that DDM closely collaborate with FSCD to further assess and incorporate their needs into the TED curriculum. FSCD has already selected 10 groups of "mid-level urban search & rescue (USAR) teams" to get INSARAG training and certification. Along with the operational training needed to ensure the proper functioning of the various facilities established by DNCC under Sub-component A-2, a TED Program is significantly required for FSCD to get the international accreditations (e.g., INSARAG) that they were expected to obtain in the URP's Project Appraisal Document (PAD) and in DDM's Development Project Proposal (DPP).

Regarding the sustainability of the URP, we believe this could best be achieved through continued training of key staff in the proper operation and maintenance (O&M) of the equipment and facilities acquired in this phase of the URP, along with a retention and absorption plan to augment human resources in the government's disaster preparedness and response system through the adequate allocation of recurring budgets for personnel, new systems and equipment.

M&E team as recommended earlier, again emphasize to take measures in advance by concerned IAs so that **purchased equipment under the URP be listed in the Table of Organogram and Equipment (TO&E) of GoB so that revenue budget is ensured after the project duration**. Besides, all implementing agencies were recommended to prepare a deployment plan of their equipment and share it with DDM in order to rapidly act in any emergency operation.

RAJUK needs to ensure that URU construction is in compliance with the DoE and WBG's-IFC **Environmental and Social Safeguard Standards (ESS)** and Environmental, Health and Safety (EHS) Guidelines; with a functional **LIMS, GRC and GRM** in place.

Besides, there are pending tasks reported in the Chapter-7 those are not possible to be completed within the existing project period. To achieve the project development objectives indicators **an extension of the existing project period is needed** as discussed detailed in the mentioned chapter.

CHAPTER 1

Background

1.1 Introduction

This document is the 13th in a series of Quarterly Progress Reports (QPRs) and 3rd Annual 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 1st 2020 to June 30, 2021.

1.2 Purpose of the Consolidate Annual Progress Reports (APR)

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 4th 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 QPRs

The M&E Team's methodological approach to preparing this 3rd Annual Report 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 analyzed 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 of URP in the 4th Quarter of the Fiscal Year 2020-21

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 our own detailed "milestones" we use to track all activities and deliverables that were expected to be completed in the fourth quarter of FY2020-2021.

An overview of these results is shown below in **Table 2.1**. We then summarize the results achieved for all sub-components, providing detailed information about the status of each milestone or KAA so that decision-makers know which tasks are progressing satisfactorily, and which ones require more management attention.

The M&E team has been tracking a total of 99 active milestones in the last quarter. Of those active milestones, we found that four (4) had been "completed on time," and 19 were "completed late." In addition, four (4) were still "on-going," 45 milestones were "due, but still on-going," and another three (3) milestones were "due, but [had made] no progress." Twenty-four (24) were not due until the next quarter (the current 1st quarter). Thus, subtracting the 24 "inactive" milestones, out of the 99 applicable milestones, 23 (32%) had been completed either on-time or late. Another 4 (5%) were "in progress," but the great majority of 45 milestones (60%) were "due, but still on-going." Finally, 3 milestones, or 4%, were "due, but had made no progress." Table 2.1 below provides decision-makers with a quick summary of our monitoring results for all four components and 13 sub-components of the Project.

Table 2.1: Quarterly Summary of Status and Progress of URP (April 1, – June 30, 2021)

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
A1 (DDM): Renovate and equip ERCC & NDMRTI	0	2	0	0	0	0	2
A2 (DNCC): Design, Build and Outfit of DNCC, DSCC and FSCD by DRM Facilities	0	1	0	1	0	0	2
A3 (DNCC): Supply & Installation of Specialized ICT Equipment for FSCD and City Corporation	0	2	0	7	0	0	9

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
A4 (DNCC): Supply Specialized Search and Rescue Equipment	0	0	0	1	0	0	1
A5 (DDM): Enhance the capacity through TED of city corporations and FSCD	0	0	0	0	0	0	0
B1 (RAJUK): Vulnerability assessment of critical and essential facilities and lifelines	0	1	0	17	0	2	20
B2 (RAJUK): Risk sensitive land use planning practice in Dhaka	0	3	0	4	0	6	13
C1 (RAJUK): Create and operationalise the Urban Resilience Unit (URU)	0	2	0	7	0	0	9
C2 (RAJUK): Establish an Electronic Construction Permitting System	0	5	0	3	0	0	8
C3 (RAJUK): Set Up a Professional Accreditation Program for Engineers	1	0	0	2	0	6	9
C4 (RAJUK): Improve Building Code Enforcement BNBC	0	0	2	0	0	4	6
URU Building (RAJUK) with Lab equipment	0	2	1	3	3	3	12
D (PCMU): Project Coordination, Monitoring and Evaluation	3	1	1	0	0	3	8
Total	4	19	4	45	3	24	99

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

Component A is being implemented jointly by the Dhaka North City Corporation (DNCC) on behalf of itself, Dhaka South CC, Sylhet CC, and Fire Safety and Civil Defence (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:

DDM made progress under Sub-component A-1 to renovate office space on several floors of the DDM building to house the National Disaster Management Research and Training Institute (NDMRTI), as well as on the ground floor where the Emergency Response and Communication Centre (ERCC) will be housed. However, **DDM made no progress on Sub-component A-5** to provide training, exercises and drills (TED) services to national-level and local-level agencies. This is evidenced by the fact that TED has not conducted any activities since March 2020 and the contract with the international consulting firm for the TED Program was ended in November 18, 2020.

For the three sub-components (A-2, A-3 & A-4) which **DNCC** is responsible for implementing, they made satisfactory progress overall despite the COVID pandemic. Under **Sub-component A-2** to build or renovate and equip dozens of local-level DNCC, DSCC, SCC, and FSCD **emergency response facilities** in Dhaka and Sylhet, all the facilities have been built except the Green Field tower, which has been delayed due to their late approval of RDPP. For **Sub-component A-3** to procure, distribute, and install specialized emergency communications technology (**ECT**) **equipment**, DNCC has completed procuring all the ECT equipment, which had been delayed due to the Covid pandemic. Finally, under **Sub-component A-4** to procure and distribute specialized search and rescue (**SAR**) **equipment**, most of the procurement tasks have been completed. The only remaining delivery are the three (3) rescue boats, which are supposed to be delivered this quarter (Q4) but delayed for COVID pandemic. The pie chart above shows the status of all of DNCC's milestones at a glance.

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

Among the total 20 milestones only 2 are applicable for Sub-component A-1 for the last reporting quarter; those are "Completed late". The status is stated as follows:

Table 2.2: Quarterly Total Table for URP Sub-component A-1

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

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ Completed late: (2)

1. Completion of renovation work (ERCC).
2. Completion of renovation work (NDMRTI).

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 last reported quarter. In the Annual Progress Report under Chapter-3, completion progress under this sub-component from July 2020 to June 2021 has been described in details.

❖ 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 of 31 milestones under Sub-component A-2, among those two (2) are applicable in this reporting period (Q4, FY 20-21), one (1) milestone marked as “completed late,” and the other one (1) milestone is “due, but still on-going”.

Table 2.3: 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	1	0	0	2

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

- **Completed late: (1)**
 - 1) Contract signed of construction of Greenfield Tower at FSCD (W-2.5).
- **Due, but on-going: (1)**
 - 1) Contract signed of construction of Greenfield Tower at DNCC, DSCC and SCC (W-2.4).

Main Accomplishments and Non-accomplishments

All the procurement work under subcomponent A-2 have been reported completed. Construction of 18 Greenfield towers (10 for FSCD & 8 for DNCC, DSCC & SCC) (60-meter wireless communication tower) are the remaining activities under this sub-component. These towers will work as the backbone infrastructure to maintain communications among the ICT equipment (DMR Network, UHF Radio Terminals and Related Installations) located at different stations procured under the sub-components A-3. In the reporting quarter contract signed for the construction of Green-field towers of FSCD but the contract for the City Corporations is yet pending to be signed.

➤ 3-month projection

One (1) milestone is still “due, but on-going,” which is expected to be completed this quarter (1st Q of FY 2021-22).

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

Under Sub-Component A-3, the M&E Team is tracking a total of 91 milestones. of which nine (9) milestones are applicable for the reporting period. Among these nine milestones, two (2) were “completed late,” and seven (7) were “due, but on-going”, as shown below in Table 2.4.

Table 2.4: 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	2	0	7	0	0	9

➤ **Completed Late: (2)**

1. Delivery of Specialized ICT Equipment (DMR Network and Related Installations- VHF) for FSCD (G-1.8).
2. Tender Evaluation of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15).

➤ **Due, but on-going: (7)**

1. Installation of Equipment of Specialized ICT Equipment (Lot-01: DMR Network, UHF Radio Terminals and Related Installations for SCC (G-1.4).
2. Installation of Equipment of Specialized ICT Equipment (DMR Network and Related Installations- VHF) for FSCD (G-1.8).
3. Installation of Specialized ICT Equipment (DMR Network and Related Installations- UHF) for DNCC (G-1.9).
4. Installation of Specialized ICT Equipment (DMR Network and Related Installations- UHF) for DSCC (G-1.10).
5. Contract Sign of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15).
6. Delivery of Furniture for EOC-DNCC, EOC-SCC, EOC-DSCC and Command & control Centre of FSCD (G-1.16).
7. Completion of work for preparation of GIS Based Maps (Ward level) at DNCC, DSCC & SCC (S-9).

Main Accomplishments and Non-accomplishments in Last Quarter

Under **Sub-Component A-3**, the ICT Equipment for FSCD (G-1.8) delivered on May 3, 2021 and the tender evaluation completed to procure the ICT equipment for NDMRTI and ERCC. Besides, the preparation of GIS Based Maps (Ward level) ongoing for DNCC, DSCC & SCC area.

The M&E team found that the construction of the Rooftop Base Stations and installation of the DMR Network is ongoing. As of preparation of this report construction of eight (8) Rooftop Base Stations are completed and one (1) ongoing. Completion of this activities are delayed for COVID-19 pandemic and the pending approval of the DNCC's RDPP.

3-month projection

The “due, but on-going” milestones mostly comprise the installation of the remaining DMR networks for FSCD and City Corporations including the procurement of ICT equipment for NDMRTI and ERCC those are delayed for COVID pandemic. It is expected that those due activities will be completed with the coming quarter.

❖ 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 37 set of milestones. Among these, there are One (1) active milestone in this reporting period (Q3, FY 20-21). Which one (1) are expected to be completed by next three month.

Table 2.5: Quarterly Totals for Sub-component A-4: Search and Rescue (SAR) Equipment

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 13th Quarter of FY 2020-21.

➤ **Due, but on-going: (1)**

1. Delivery of Search and Rescue Equipment (3 Rescue Boat) (G-2.11).

Main Accomplishments and Non-accomplishments

Under **Sub-Component A-4**, the long-pending issue is the supply of Rescue Boat, which is delayed as most of the European shipment for raw materials were stuck due to the Covid-19 pandemic situation.

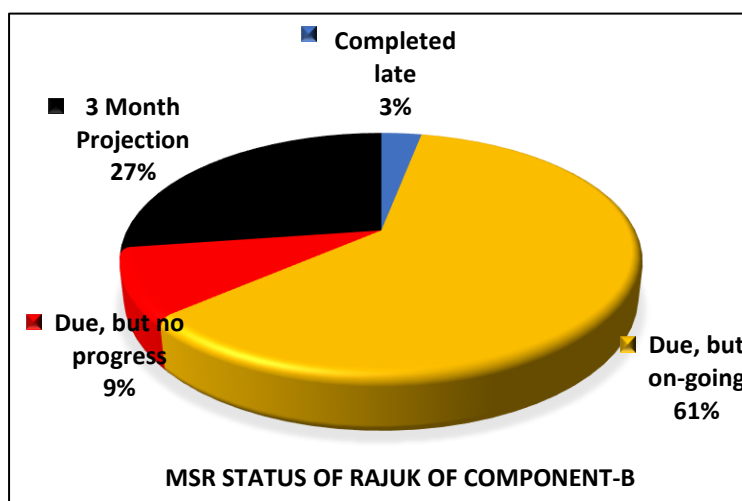
❖ Sub-Component A-5: Multi-Agency Training, Exercises & Drills (TED) Program

The Training, Exercise, and Drills (TED) Program had been postponed more than over a year since the mid-March 2020 due to the fact that the contract with the consultant team of REM/DTCL was ended in November 18, 2020. Therefore, we have stopped reporting on pending milestones to be completed under Sub-component A-5.

It has been reported earlier that there are disputed financial issues to be resolved with the REM/DTCL consortiums. DDM PIU is putting their highest efforts to make an amicable settlement with the consultant firm asking *the authentic and signed bills, supporting documents and vouchers* to settle legitimate payments. But the consulting firm is delaying in providing these documents but approaching towards an *arbitration process* against DDM-PIU.

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

RAJUK (*Rajdhani Unnayan Kartripakkha*) is the sole implementing agency for both sub-components of Component B of the URP as well as for all four sub-components of Component C. The two sub-components (B-1 and B-2) are being carried out by the same consulting joint venture group (known as NKY JV), which is led by NKY Architects and Engineers as the prime contractor along with its partner firms Protek and Sheltech.



Both sub-components are intended to build upon previous work done under the Bangladesh Urban Earthquake Resilience Project (BUERP) and the Comprehensive Disaster Management Program (CDMP). Chart represents Rajuk's MSR Milestone of component-B at a glance.

The two sub-components of **Component-B** are:

- ❖ **B-1:** Conducting a vulnerability assessment of critical and essential facilities; and
- ❖ **B-2:** Supporting the development of risk-sensitive land use planning practices in Dhaka.

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

Sub component	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	Next quarter projection	Sub-total
B1	0	1	0	17	0	2	20
B2	0	0	0	3	3	7	13
Total	0	1	0	20	3	9	33

❖ 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 20 were applicable during this last reporting period. Of these 20 milestones, 1 (one) was “completed late”, 17 tasks were “Due, but on-going,” and the rest two (2) are targeted to be completed by September 30, 2021

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	1	0	17	0	2	20

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter or 4th Quarter of FY 2020-21.

➤ Completed late: (1)

1. Submission of 2nd level Preliminary Engineering Assessment (PEA) Reports with ranking off all the remaining buildings (totalling a floor area of 500,000 sqm) (MD-05); the due date was June 30, 2020 (completed on May 21, 2021).

➤ Due, but on-going: (17)

1. Review and revision of the 2nd level PEA vulnerability assessment report ranking all remaining buildings totalling 500,000 sqm of floor area (MD-05); the due date of completion was July 30, 2020 – currently, **11 months late**.
2. Approval of the 2nd level PEA report ranking all remaining buildings totalling 500,000 sqm of floor area (MD-05); the actual date of completion was August 21, 2020 – currently, **10 months late**.
3. Prepare and submit a comprehensive report on the outcomes of the RVA (D-08); the due date of completion was August 22, 2019 – currently, **20 months late**.

4. Final Assessment Report for all structures (D-09); the due date of completion was November 22, 2019 – currently, **18 months late**.
5. Preliminary Design Report (D-10.1); the due date of completion was July 17, 2020 – currently, **11 months late**.
6. Preliminary Design Report (D-10.2); the due date of completion was August 14, 2020- currently, **10 months late**.
7. Material Test Report (D-11.1); the due date of completion was March 5, 2020 – currently, **15 months late**.
8. Material Test Report (D-11.2); the due date of completion was May 11, 2020 – currently, **13 months late**.
9. Synthesis Report (D-12.1); the due date of completion was August 14, 2020 - currently, **10 months late**.
10. Synthesis Report (D-12.2); the due date of completion was September 13, 2020 - currently, **9 months late**.
11. Preparation of the Conditions of Contract Form of Bid, Technical Specifications (D-13.1); the due date of completion was September 15, 2020 - currently, **9 months late**.
12. Preparation of the Bill of Quantities, Pricing Preambles, Final Designs, etc. (D-13.2); the due date of completion was September 15, 2020 - currently, **9 months late**.
13. Preparation of the Conditions of Contract Form of Bid, Technical Specifications (D-13.3); the actual date of completion was September 22, 2020 - currently, **9 months late**.
14. Preparation of the Bill of Quantities, Pricing Preambles, Final Designs, etc. (D-13.4); the actual date of completion was September 22, 2020 - currently, **9 months late**.
15. Analysis of the Outcomes and Framework Plan Report stating the overall findings and “Way Forward” recommendations. (D-14); the actual date of completion was February 11, 2021- currently, **4 months late**.
16. Submission of Feasibility report following DEA for all the buildings with floor area totalling 250000 sqm including retrofitting design and cost estimates for buildings eligible for retrofitting works (MD-06); actual date of submission was May 1, 2021- currently, **2 months late**.
17. Review and Revision of Feasibility report following DEA for all the buildings with floor area totalling 250000 sqm including retrofitting design and cost estimates for buildings for retrofitting works (MD-06); actual date of completion was June 1, 2021- currently, **1 month late**.

Major Accomplishments

Under **Sub-component B-1**, the main deliverable produced was MD-05, the 0.5 million sqm (second part) of the **Preliminary Engineering Assessment (PEA)** of public buildings in Dhaka were assessed as well as the report submitted but yet to be approved by RAJUK. Besides, 0.25 million sqm of physical works for the **DEA (Detail Engineering Assessment)** also started to assess public buildings in Dhaka.

Non-accomplishments

However, RAJUK’s performance in the 4th quarter was slowed down as another 17 milestones or deliverables were not completed in the quarter, most of those continued to be “due, [but making] no-progress” as stated above. These pending deliverables include important

milestones, such as DEA along with related deliverables (MD-6 & MD-7) as well as the material testing reports under D-10, D-11, D-12, D-13 and D-14. These delays were caused mainly by the COVID 19 outbreaks.

3-month forecast:

As seventeen (17) milestones are still “due, but on-going,” those are expected to be completed this quarter (1st Q of FY 2021-22). In addition, following two (2) more milestones need to be completed by June 30, 2021.

1. Submission of 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 150,000 sqm) (MD-07).
2. Approval of Feasibility report following DEA for all the buildings with floor area totalling 250,000 sqm including retrofitting design and cost estimates for buildings eligible for retrofitting works (MD-06).

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

There are a total of 47 milestones that are being tracked under Sub-component B-2, 13 of which were applicable in the last reporting cycle (4th quarter FY2020-21). Among them, three (3) were “Due, but on-going”, three (3) were “Due, but [had made] no progress,” and seven (7) are targeted to be completed by September 30, 2021.

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	3	0	4	0	6	13

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

Completed late (3):

1. Preparation of the Detailed Geotechnical Study (including all field and laboratory tests) by means of standard penetration tests (SPT) (at a minimum, a total length of 15,000 meters to be conducted (GD-2). The **due date was April 23, 2020**.
2. Preparation of the Detailed Geotechnical Study by means of cone penetration tests (CPT), performing tests, collecting data and information, and furnishing them in the form of a standard subsoil investigative report (at a minimum, a total length of 5,000 meters of tests to be conducted) (GD-3). The **due date was March 25, 2020**.
3. Shear wave velocity profiles will be obtained from indirect tests so that the test results from the direct and indirect geophysical tests can be compared at selected grid points (Seismic Downhole test) (GD-4.1). The due date was February 24, 2020.

Due, but on-going: (4):

1. Incorporation of the Strategic Environmental Assessment (SEA) in the Risk-sensitive land-use planning (RSLUP) process; the **due date was December 20, 2020**.
2. Propose a comprehensive framework for mainstreaming Disaster Risk Reduction (DRR) into the Dhaka metro area planning system, detailing the methodology and parameters

for Risk Sensitive Land-Use Planning (D-04); the **original due date was October 30, 2020.**

3. Obtain shear wave velocity profile from the indirect tests such as MASW, SASW, seismic refraction, reflection etc. so that the test results from the direct and indirect geophysical tests can be compared at the selective grid points. (Seismic Cone Penetration Test-GD-05); the original due date was March 30, 2020.
4. Development of How-to guides with step-by-step approach and ample illustrations and examples aimed at helping/guiding planners in other cities and pourashavas to understand and strengthen the earthquake risk sensitivity of their physical development plans (D-08.1); the original due date was May 31, 2021.

Main accomplishments

Under **Sub-component B-2**, NKY conducted several field tests to prepare Geotechnical Study. These included: (1) Standard Penetration Tests (SPT) (GD-2); (2) Cone Penetration Test (CPT) (GD-3) (3) Seismic Downhole Test (SDHT) (GD-4.1). Subsequently, the consulting firm completed 15,013 meters of Standard Penetration Tests with a targeted total length of 15,000 meters; 4,009 meters of cone penetration tests (CPT) with a targeted total length of 5,000 meters; 399 seismic down hole tests (SDHT) with a targeted number of 400.

Non-accomplishments:

One of the most important 'non-accomplishments' under B-2 in the last quarter was the Analysis Report of the geotechnical and geological studies conducted with recommendations. Another pending activity is the -detailed geotechnical studies by means of Seismic Cone Penetration Tests (SCPT) (GD-5). So far, the consulting firm completed 148 SCPT out of 400 programmed.

In addition, a comprehensive framework for mainstreaming Disaster Risk Reduction (DRR) into the Dhaka metro area planning system, detailing the methodology and parameters for risk sensitive land-use planning (D-04) - was due by October 30, 2020.

3-month forecast:

As seven (3) milestones are still "Due, but on-going" and three (3) are "due, but [made] no progress," those six (6) milestones are programmed to be completed this quarter (1st Q FY2021-2022). In addition, following six (6) more milestones need to be completed by September 30, 2021.

1. Submission of Geotechnical and Geological Survey plan. to develop approaches to resolve apparent or foreseen conflicts (e.g., land use management, zoning in hotspot areas) and regional strategies for removing bottlenecks to risk-sensitive land use planning and implementation in Metro-Dhaka, principally in the following areas (MD-4.2). The due date is July 30, 2021.
2. Develop a plan for urban expansion and associated land servicing with adequate infrastructure provided; (D-05); the due date is August 30, 2021.
3. Develop the conditions for providing adequate, affordable housing as an alternative to integrated, locally managed urban development and housing programs with national support mechanisms. (D-06); the due date is July 30, 2021.
4. Undertake a consultation and validation process with the Project Working Group (PWG) and Project Operating Committee (POC) and relevant scientists and experts on the Draft

Dhaka Regional and Urban Resilience Strategy (D-07); the due date is September 30, 2021.

5. Develop outreach material composed of illustrative maps, brochures and exhibits for examples of risk-sensitive land use management approaches in Dhaka stressing the socio-economic and cultural benefits (D-08.2); the due date is August 10, 2021.
6. RSLUP training and conducting training of trainers (ToT) activities (D-09.2); the due date is September 20, 2021.

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.

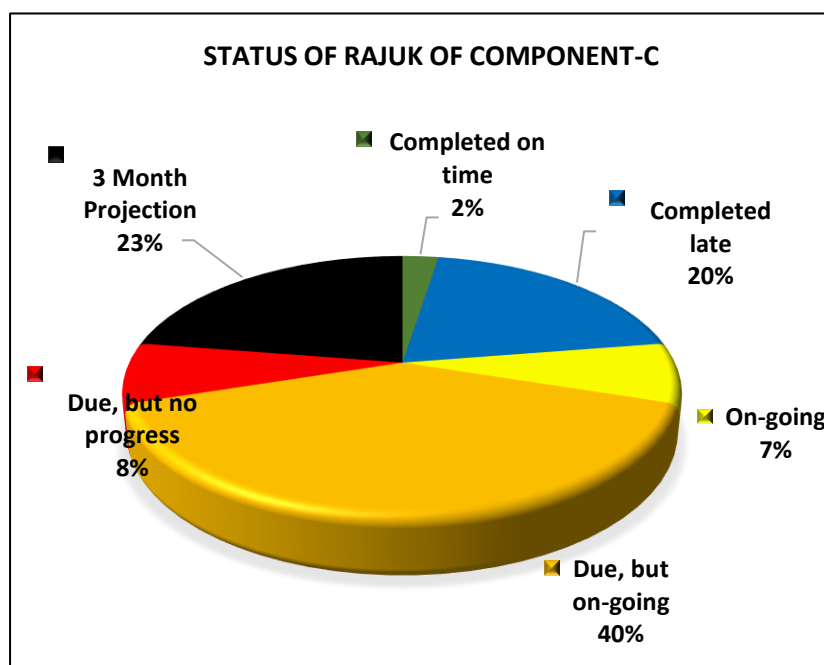


Table 2.9: Summary Table of Milestone Totals for Component C plus URU building

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month Projection	Sub-total
C1	0	2	0	7	0	0	9
C2	0	4	0	4	0	0	8
C3	1	0	0	2	0	6	9
C4	0	0	2	0	0	0	2
URU	0	2	1	3	3	3	12
Total	1	8	3	16	3	9	40

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

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

Under this sub-component, the M&E team is tracking 26 milestones, of which, 9 were active in the last quarter. Among these, two (2) were “Completed late,” and seven (7) were “Due, but On-going”.

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	2	0	7	0	0	9

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ Completed late: (2)

1. Submission of Capacity Building Program Report and URU Staff Training Report (MD-5); the due date of completion was June 3, 2020.
2. Submission of Monitoring and Evaluation Report (MD-6); the due date of completion was January 3, 2021.

➤ Due, but on-going: (7):

1. Review and Revision of Capacity Building Program Report and URU Staff Training Report (MD-5); the due date of completion for these reports was July 3, 2020.
2. Approval of Capacity Building Program Report and URU Staff Training Report (MD-5); the due date of completion was August 3, 2020.
3. Review and Revision of Monitoring and Evaluation Report (MD-6); the due date of completion was February 3, 2021.
4. Approval of Monitoring and Evaluation Report (MD-6); the due date of completion was March 3, 2021.
5. Submission of Final Report (MD-7); the due date of completion was March 3, 2021.
6. Review and Revision of Final Report (MD-7); the due date of completion was April 3, 2021.
7. Approval of the Final Report (MD-7); the due date of completion was May 3, 2021.

Major Accomplishments

Among the most important achievements under Sub-component C-1 in the last quarter were the Submission of **Capacity Building Program Report and URU Staff Training Report (MD-5)** and Submission of **Monitoring and Evaluation Report (MD-6)**. The consultants are now working on reviewing capacity building program and URU Staff Training Report (MD-5) and Monitoring and Evaluation Report (MD-6). Submission of Final Report (MD-7) is also pending and the team is working to on it.

Non-accomplishments

The Final Report (MD-7) was due for submission and approval last March (2021), but still pending.

3-month forecast:

As seven (7) milestones are still “due, but on-going” those seven (7) milestones need to be completed this quarter (1st Quarter of FY2021-2022).

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

Under this sub-component, the M&E team is tracking 22 milestones, of which eight (8) were active during the last reporting quarter. Of those eight (8) milestones, five (5) were “completed late,” three (3) were “Due, but on-going”.

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	5	0	3	0	0	8

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ Completed Late: (5)

1. Review and Revised User Acceptance Testing (UAT) Report; the due date of completion was May 30, 2020.
2. Submitted Operational Acceptance (OAT) Report; the due date of completion was August 30, 2020.
3. Review and Revised Operational Acceptance (OAT) Report; the due date of completion was September 30, 2020.
4. Submitted Final Report; the due date of completion was September 20, 2020.
5. Revised Final Report; the due date of completion was October 20, 2020.

➤ Due, but on-going: (3)

1. Approval of the User Acceptance Testing (UAT) Report; the due date of completion was March 11, 2021.
2. Approval of Operational Acceptance (OAT) Report; the due date of completion was April 4, 2021.
3. Approval of Final Report; the due date of completion was April 12, 2021.

Major Accomplishments

Under **Sub-component C-2**, in the 4th quarter, RTI submitted a Revised User Acceptance Testing (UAT) Report on April 7, 2021. The report is now under revision process at Rajuk. Parallely, they also Submitted draft and revised version of Operational Acceptance (OAT) Report on April 12 and June 19 of 2021. RTI also submitted draft and revised version of Final Report on April 12 and June 25 of 2021.

Non-accomplishments

Approval of the **User Acceptance Testing (UAT) Report, Operational Acceptance (OAT) Report and Final Report** which were due in last quarter.

3-month Forecast:

As three (3) milestones are “Due, but on-going” those three still need to be completed this quarter (1st Q of FY 2020-2021).

❖ Sub-Component C-3: Professional Accreditation Program

Under this sub-component, the M&E team is tracking 24 milestones; of which nine (9) were active during the last reporting quarter. Of those nine (9), one (1) milestone was “completed on

time,” two (2) were “Due, but on-going,” and the rest six (6) are expected to be completed by this quarter.

Table 2.9.3: 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
1	0	0	2	0	6	9

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ **Completed on time: (1)**

1. Submission of Inception Report (MD-1); the due date for completion was May 31, 2021.

➤ **Due, but on-going: (2)**

1. Review and Revision of Inception Report (MD-1); the due date for completion was June 30, 2021.
2. Submission of the Demand Analysis Study Report (MD-2); the due date was June 27, 2021.

Main Accomplishments or Non-accomplishments

Under **Sub-component C-3**, main deliverable produced was the Inception Report (MD-1) – that was submitted on May 12, 2021. In this regard, a workshop was held on May 27, 2021 to validate the Inception Report. The International Code Council (ICC) is now working on revision of Inception Report (MD-1) and preparation of Demand Analysis Study Report (MD-2).

3-month Forecast:

As two (2) milestones are still “on-going,” those are expected to be completed this quarter (1st Q of FY 2020-2021). In addition, following six (6) more milestones need to be completed by September 30 2021.

1. Approval of Inception Report (MD-1).
2. Review and Revision of Demand Analysis Study Report (MD-2).
3. Approval of Demand Analysis Study Report (MD-2).
4. Submission of Concept Note Report (MD-3).
5. Review and Revision of Concept Note Report (MD-3)
6. Approval of Concept Note Report (MD-3).

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

Under this sub-component, the M&E team is tracking 25 milestones, of which only six (6) were active during the last reporting cycle. Among these, two (2) are “on-going” and expected to be completed by July 30, 2021.

Table 2.9.4: 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	2	0	0	4	6

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ **On-going: (2):**

1. Submission of Training and Capacity building Report; due date for completion is July 15, 2021.
2. Submission of Education and Outreach Campaign Report; due date for completion is July 30, 2021.

Main Accomplishments and Non-accomplishments

The main achievement under this sub-component was the preparation and approval of training and outreach campaign materials like- Brochure, Advertisement materials on social media, Advertisement on Television media (TV clip). ICC prepared two types of training program for engineers and several other building professionals for guiding the new BNBC 2020. These training programmes are: (1) General and Structural Instruction and (2) Building, Fire and Life Safety & Building Services. Other major works on-going are the preparation of **Training and Capacity Building Report** and **Education and Outreach Campaign Report**.

3-month Forecast:

The on-going two (2) milestones are expected to be completed this quarter (1st Q of FY 2020-2021). In addition, following four (4) more milestones need to be completed by September 30 2021.

1. Review and Revision of Training and Capacity Building Report.
2. Approval of Training and Capacity Building Report.
3. Review and Revision of Education and Outreach Campaign Report.
4. Approval of Education and Outreach Campaign Report.

❖ 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 102 milestones, among which 12 were active during this reporting quarter. Out of those 12, two (2) were "completed late," one (1) was "on-going," three (3) were "due, but on-going," three (3) were "due, but [made] no progress," and the remaining three (3) are expected to be completed by September 30, 2021.

Table 2.10: 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	2	1	3	3	3	12

Source: Milestone Status Reports/Data Collection Forms for 13th Quarter of FY 2020-21.

➤ **Completed late: (2):**

1. Construction of service piles, done; the due date of completion was April 20, 2021.
2. Excavation/slope protection/clearance, completed; the due date of completion was May 15, 2021.

➤ **On-going: (1):**

1. Installation, Training and Closing for Cutter Crane with 10-inch RCC Slab Cutting Capacity & 3.65 Ton Lifting Capacity (G-24); the due date of completion was August 6, 2021.

➤ **Due, but on-going: (3):**

1. Installation, training and closing of Seismic Field Equipment for URU (G-13); the due date for completion was July 6, 2020.
2. Installation, training and closing of Field Equipment for Vulnerability Assessment Aspect of Structures & Geo-physics (G-15); the due date for completion was May 5, 2020.
3. Supply and Delivery of ICT Equipment for deploying Electronic Construction Permitting System in RAJUK (G-20-1); the due date for completion was February 15, 2021.

➤ **Due, but no progress (3):**

1. Installation, training and closing of Seismic Lab Equipment for URU (G-12); the due date for completion was May 15, 2020.
2. Supply and Delivery of Equipment for Exploration of RSLUP Profile: 200 kN Truck Mounted CPT Equipment (G-17); the due date was July 10, 2020.
3. 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.

Major Accomplishments and Non-accomplishments

Among the most important milestones or deliverables completed during the 4th quarter by RAJUK to construct the URU building were: (1) Construction of service piles for 10 storied building; (2) Excavation/slope protection/clearance.

Due to the global Covid-19 virus pandemic, the supply and delivery of the CPT equipment for the RSLUP profiles (G-17) and the ICT equipment to deploy the Electronic Construction Permitting System (G-20-1) that were due since August 2020 were not completed.

Moreover, the installation and training to use seismic lab equipment in the URU building (under G-12 & G-13) as well as field equipment to conduct vulnerability assessments of structures and their geo-physics (G-15) were also delayed.

3-month Forecast:

As one (1) milestone is “on-going,” three (3) milestones are “due, but still on-going” and three (3) more milestones are “due, but [making] no progress,” those seven (7) milestones are expected to be completed this quarter (1st Q of FY 2020-2021). In addition, following three (3) more milestones need to be completed by September 30, 2021.

1. Completion of Rebar fixing with concrete casting for Mat foundation and grade beam of URU (W-1).
2. Completion of columns, wall, top floor, ramp, and lift core casting in B2 level for URU building (W-1).
3. Completion of columns, wall, top floor, ramp, and lift core casting in B1 level for URU building (W-1).

Besides, on a request of RAJUK to “redesign” the “Auxiliary Building” next to the 10-story URU tower that would house the “shake table”, laboratory equipment and staff for the URU in the

future; the Design and Supervision Construction consulting consortium (Baum JV) raised a contractual disagreement regarding the payment for this additional work/redesign as well as for other conditions placed by RAJUK that may need early settlement. Due to the COVID 19 pandemic and the rainy season when the URU construction work is already moving behind schedule, this issue may create additional delay with existing disruption and the whole work is increasingly unlikely to be finished on-time (by April 30, 2022).

Although the M&E team didn't receive any official information and opinion from RAJUK regarding this matter; we shall keep following up in this regard to reveal more information.

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 49 milestones that the M&E Team has been tracking as milestones for PCMU, among which 8 were active this past quarter (4th Q). Of these, three (3) milestones were "completed on-time," one (1) was "Completed late", one (1) was "On-going," while the other three (3) milestones are planned to be completed in the next Quarter, as shown below in Table 2.11.

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	Next quarter projection	Total
3	1	1	0	0	3	8

- **Completed on time: (3)**
 1. Convening the Project Technical Committee Meeting on May 25, 2021
 2. Convening the 14th Project Steering Committee (PSC) Meeting on June 23, 2021
 3. Review and approval of the 12th Quarterly Progress Report on June 23, 2021
- **Completed late: (1)**
 1. Submission of the 12th Quarterly Progress Report on May 6, 2021
- **On-going: (1)**
 1. Coordination of the 18-month extension of the Urban Resilience Project

Accomplishments and Non-accomplishments

Under **Component D**, the M&E team submitted its 12th Quarterly Progress Report (QPR) covering the period from January 1, 2021 to March 31, 2021 on May 6, 2021. PCMU organized a Technical Committee Meeting on May 25, 2021 over ZOOM platform to discuss the progress and review the 12th Quarterly Progress Report. Internal Audit Report was also discussed in the meeting. The QPR was revised and resubmitted on 21st of June in line with the suggestions and recommendations of the Project Technical Committee. The 14th Project Steering Committee (PSC) meeting was held on June 23, 2021. The QPR and the Internal Audit Report were presented in the meeting. After thorough discussions followed by the detailed progress review the QPR and the Audit Report were approved by the PSC. The necessity and scope for the extension of the URP were also discussed during the meeting.

The World Bank has mentioned in its latest Aide memoire (April 4-26, 2021) that “.....an estimated 18 months’ extension of the project closing date would be required to achieve the PDO”¹. Followed by the findings of the World Bank’s aide memoire and assessing the requirements from the Implementing agencies the PSC decided to start the process to extend project period again. It was decided in the PSC meeting that each implementing agency would prepare a financial proposal and submit it to PCMU that would cover the operational costs of an additional 18 months. PCMU will coordinate that process. At the time this report was prepared, that process is still on-going, but has been delayed by a country-wide lockdown imposed by the Government to tackle the spread of Covid-19 infections.

➤ 3-month Projection (3)

1. Submission of the 14th Quarterly Progress Report (QPR) and 3rd Annual Report by July 31, 2021
2. Review and approval of the 14th QPR and 3rd Annual Report
3. convene the 15th PSC Meeting

¹ Aide Memoire: April 4-26, 2021. Implementation Support Review Mission of the World Bank.

CHAPTER

3

Annual Progress by URP Sub-Components for fiscal year 2020-21

This section of the 13th QPR and 3rd Annual Project Progress Report presents the cumulative or “Annual” totals of physical progress that has been made since July 1st, 2020 up to June 31, 2021. We also have included projections for the next six (6) months until end of December 2021, the end of this year. 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)

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).

To monitor their activities, the M&E team tracked 20 milestones under Sub-component A-1, among those only two (2) were active in this reporting period. Both were “completed late” by roughly 20 months from their original due date of July 2019.

Table 3.1: Annual Totals for URP Sub-component A-1

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6-Month projection	Total
0	2	0	0	0	0	2

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

The renovation work has started later than the scheduled time and hampered due to COVID-19 pandemic. As per the original contract, the due date to complete these renovation works was in July 15, 2019. Since late March 2020, renovation work has been suspended due to the COVID-19 virus. Later, construction has been re-started in June 03, 2020. As per request of the contractor (vide application dated June 21, 2020), DDM has extended construction completion date of ERCC & NDMRTI up to December 30, 2020.



Completed ERCC Media Centre

The M&E team verified that the renovation work for the NDMRTI and ERCC had been completed in late March 2021. Following works have been completed for the NDMRTI and ERCC.

NDMRTI:

- 7th floor: Office room and training center;
- 8th floor: 4 training centers (Sidr, Aila, Foni & Amphan) and 2 computer labs
- 9th floor: Mujib corner (901), multipurpose hall (902), library (903) and auditorium (904)

ERCC:

- Renovation completed for ICT server room, media centre, ERCC observation room & emergency exit.

Although it has been reported that the renovation works were completed, the ERCC and NDMRTI are partially operational, as these facilities are yet to be equipped with Emergency Communication Technology (ECT) from DNCC. It appears that a significant amount of additional works has been done outside of the original ToRs and contract value. Later, it was reported that the additional work was approved from the Ministry on June 13, 2021 and the subsequent payment made on June 14, 2021.



Constructed Emergency Exit

Besides, it was discussed in the last PSC meeting that the building that houses the NDMRTI and ERCC supposed to have redundant lifeline systems (water, power, wastewater, food supply, etc.) so that it could operate independently for a period of up to seven (7) days to enable both entities (i.e., ERCC and NDMRTI) to operate effectively during a disaster event.² Later it was revealed that DDM felt

² World Bank, Project Appraisal Document (PAD), pp. 29-31, 2015.

the need for a subs-station in the DDM building that could provide load balanced power supply for the NDMRTI and ERCC facilities. Subject to assess the need and approval of the appropriate authority this building can have the mentioned facility.

❖ **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 31 milestones under Sub-component A-2, among Seven (7) are applicable in this reporting period (Q4, FY-20-21) among those, four (4) were “completed late,” one (1) is “on-going” and one (1) is “due, but still on-going,” and one (1) more milestone is programmed to be completed within December 2021.

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	6 Month projection	Total
0	4	1	1	0	1	7

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

It has been reported earlier that most of the facilities under **Sub-Component A-2** have already been constructed. Within the reporting period construction of Emergency Operating Centre (EOC) including the Disaster Risk Management (DRM) office and Urban Resilience Unit at DSCC were completed on Aug 6, 2020. Besides, tender floated for the Construction of Greenfield Tower for DNCC, DSCC, SCC (W-2.4) and for the FSCD (W-2.5). Although, the completion of the green field towers is scheduled in December 2021 but it is predicted that due to the COVID pandemic this construction works may be delayed.

➤ **Due, but on-going: (1)**

1. Contract signed of construction of Greenfield Tower at DNCC, DSCC and SCC (W-2.4).

➤ **On-going: (1)**

1. Construction of Greenfield Tower at FSCD (W-2.5).

6-month projection

As one (1) milestone is still “Due, but on-going” and one (1) is “on-going” those two (2) i.e., construction completion of the Green field towers for both the City corporations and FSCD within the next two quarters.

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

Under Sub-Component A-3, the M&E Team is tracking a total of 91 milestones. Of these, 31 milestones applicable for the period are reported; among which eighteen (18) were “completed late,” seven (7) were “due, but on-going” and the rest six (6) are expected to be completed by December 2021.

Table 3.3: Annual Totals for URP Sub-component A-3

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
0	18	0	7	0	6	31

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

In this reporting year under **Sub-Component A-3**, various packages of ICT materials (DMR Network and Related Installations) were delivered for DNCC, DSCC, SCC and FSCD. Still several packages of ICT materials are on process for procurement. ICT equipment Procurement for ERCC and NDMRTI also processed in this period. While a significant packages of ICT materials are delivered, they are yet in the process of installation at the Emergency Operation Centre (EOCs) of City Corporations (DNCC, DSCC & SCC) and Command-and-Control Room (CCRs) at FSCD.

The M&E team found that the construction of the Rooftop Base Stations and installation of the DMR Network is ongoing. As of preparation of this report construction of eight (8) Rooftop Base Stations are completed and one (1) ongoing.

➤ **Due, but on-going: (7)**

1. Installation of Equipment of G-1.4/Procurement of Specialized ICT Equipment (Lot-01: DMR Network, UHF Radio Terminals and Related Installations for SCC
2. Installation of Equipment of G-1.8/ Procurement of Specialized ICT Equipment (DMR Network and Related Installations- VHF) for FSCD.
3. Installation of Equipment of Pk-G-1.9/Procurement of Specialized ICT Equipment (DMR Network and Related Installations- UHF) for DNCC.
4. Installation of Equipment of Pk-G-1.10/Procurement of Specialized ICT Equipment (DMR Network and Related Installations- UHF) for DSCC.
5. Contract Sign of G-1.15/Procurement of ICT Equipment for ERCC & NDMRTI under DDM.
6. Delivery of Equipment of G-1.16/Supply of Furniture for EOC-DNCC, EOC-SCC, EOC-DSCC and Command & control Centre of FSCD.
7. Completion of work of Pk-S-9/Preparation of GIS Based Maps (Ward level) at DNCC, DSCC & SCC.

➤ **6-month projection**

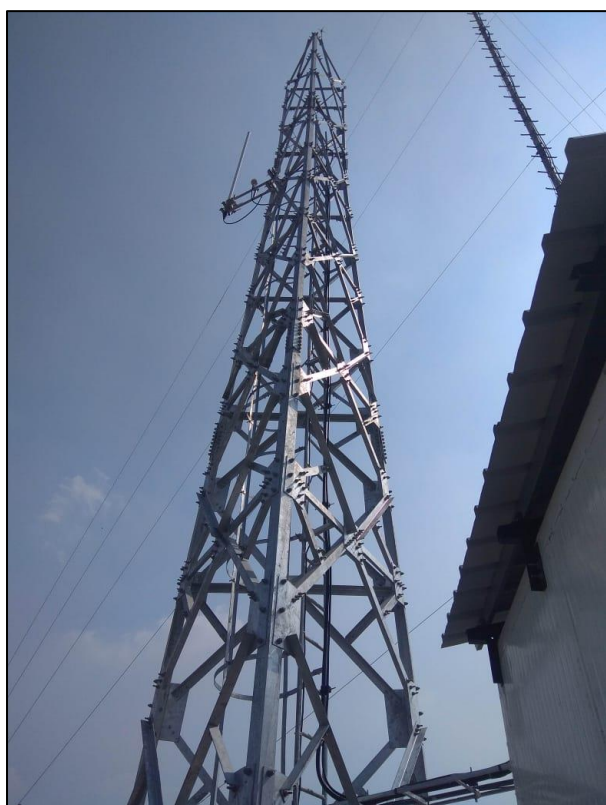
As seventeen (7) milestones are still “Due, but on-going” those seventeen milestones are programmed to be completed within the next quarter. In addition, six (6) more milestones need to be completed by December 31, 2021. They are the following:

1. Delivery of Equipment of G-1.14/Procurement of ICT Equipment for Emergency Operation Centre (EOC) at DNCC.
2. Delivery of Equipment of Pk-G-1.15/Procurement of ICT Equipment for ERCC & NDMRTI under DDM.
3. Delivery of Equipment of G-1.18/Procurement of ICT Equipment for Emergency Operation Centre (EOC) at DSCC and SCC.
4. Delivery of Equipment of G-1.19/Procurement of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet.

5. Installation of Equipment of G-1.18/Procurement of ICT Equipment for Emergency Operation Centre (EOC) at DSCC and SCC.
6. Installation of Equipment of G-1.19/Procurement of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet.



Digital Mobile Radia (DMR) Network at FSCD



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 M&E Team is tracking a total of 37 sets of milestones. Among these, one (1) active milestone is being reported in this period which is marked as “due, but on-going”.

Table 3.4: Annual Totals for Sub-component A-4

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

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

The supply of rescue boats, which is delayed as the European shipment of the raw materials (to be assembled into the boat in India) were stuck due to COVID-19 pandemic. If the shipment is cleared it is expected that the boat will be delivered within December 2021.

➤ Due, but on-going: (1)

1. Delivery of Search and Rescue Equipment (3 Rescue Boat) (G-2.11).

➤ 6-month projection:

As one (1) milestone is still “Due, but on-going” that one (1) is programmed to be completed within the next quarter.

❖ 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. To monitor these activities, till December 2020 the M&E Team has been tracking a total of 40 milestones among which in the 11th Quarterly Progress Report we described 14 milestones those had been “due but no progress” made since December 2020.

The Training, Exercise, and Drills (TED) Program had been postponed more than over a year since the mid-March 2020 due to the fact that the contract with the consultant team of REM/DTCL was ended in November 18, 2020. Therefore, we have stopped reporting on pending milestones to be completed under Sub-component A-5.

The M&E team has repeatedly expressed its concern about the critical importance of the TED Program implementation in order to achieve the first three sets of Project Development Objectives Indicators (PDOs 1, 2 & 3) as well as several Intermediate Results Indicators (IRIs 6 & 7) of the URP Results Framework. The essentialness of the TED Program to achieving the URP’s PDO has been discussed by the M&E team in the PSC and Technical Committee meetings. Thus, it is our recommendation that the TED Program be initiated again with a view to make the project successful achieving the PDOs and IRIs.

It has been reported earlier that there are disputed financial issues to be resolved with the REM/DTCL consortiums. DDM PIU is putting their efforts to make an amicable settlement with the consultant firm asking *the authentic and signed bills, supporting documents and vouchers* to settle legitimate payments. But the consulting firm is delaying in providing these documents but approaching towards an *arbitration process* against DDM-PIU.

The latest update was that the PIU is working with their line Ministry to restart TED program through the United Nations Development Programme (UNDP)- with a single source selection process mentioned in the Public Procurement Rules 2008 of the GoB. It needs to be mentioned that this procurement system should be aligned with the World Bank procedures; and DDM shall need due approval from the World Bank in parallel with the on-going financial settlement process.

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.

The contract for conducting the consultancy work for Vulnerability Assessment and Prioritized Investment Plan was signed with the JV of 3 firms, namely NKY and Protek-Yapi from Turkey and Sheltech from Bangladesh on 31 October 2018.

Under this Sub-component, the M&E team is tracking 59 milestones, of which 31 were active during the reporting period of last fiscal year (FY2020-21). Among these 31 milestones, seven (7) were “completed late”, seventeen (17) were “Due, but on-going”, and the remaining seven (7) are projected to be completed during next six months of this fiscal year ending on 31 December 2021.

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

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
0	7	0	17	0	7	31

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

Under **Sub-component B-1**, (i) approval of the “main deliverable” **Rapid Visual Assessment (RVA)** vulnerability reports (minimum 3,000,000 Sqm) with rankings of all the remaining buildings (**MD-03**) was completed on January 17, 2021 - **15 months late**; and (ii) approval of 2nd level (**Preliminary Assessment**) of vulnerability assessment reports with ranking off all the buildings

totalling a floor area of 5,00,000 sqm (MD-04) was completed on February 8, 2021 - **14 months late**; (iii) submission of 2nd level (Preliminary Assessment) of vulnerability assessment reports with ranking off all the remaining buildings (totalling a floor area of 500,000 sqm) (MD-05) was completed on May 21, 2021 - **11 months late**;

6-month Forecast:

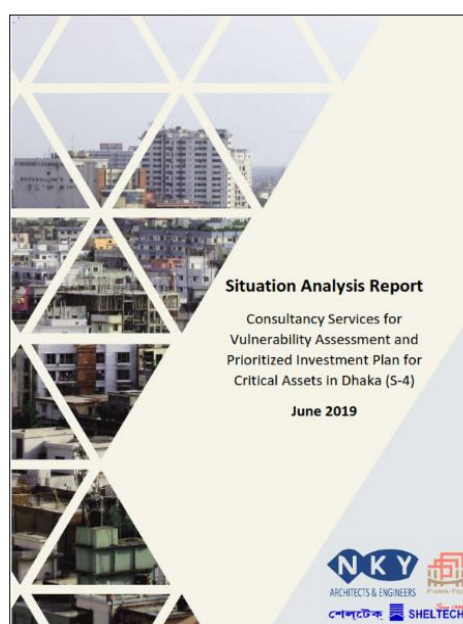
As seventeen milestones are still “Due, but on-going” those seventeen milestones are programmed to be completed within the next two quarter. Following, seven (7) more milestones need to be completed by December 31, 2021.

1. Approval of Feasibility report following DEA for all the buildings with floor area totalling 250,000 sqm including retrofitting design and cost estimates for buildings eligible for retrofitting works (MD-06).
2. Submission of 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 150,000 sqm) (MD-07).
3. Review and Revision of 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).
4. Approval of 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).
5. Draft the Dhaka Urban Resilience Strategy with the vision statement, specific objectives (D-16).
6. Identification of Investment Report for the activities to be carried out different phases i.e., for short, medium and long term. (D-17).
7. Investment Plan and objective report for buy-in process (D-18).

PHOTOGRAPHS OF DELIVERABLES

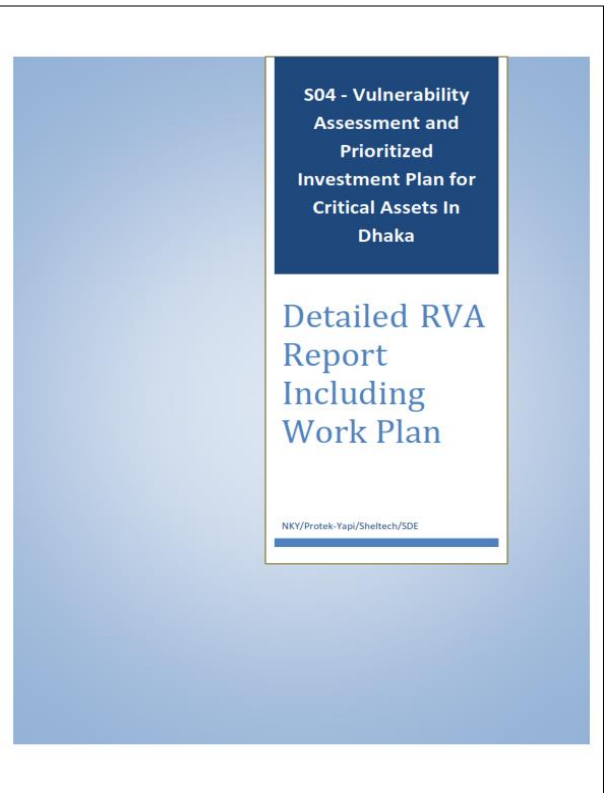
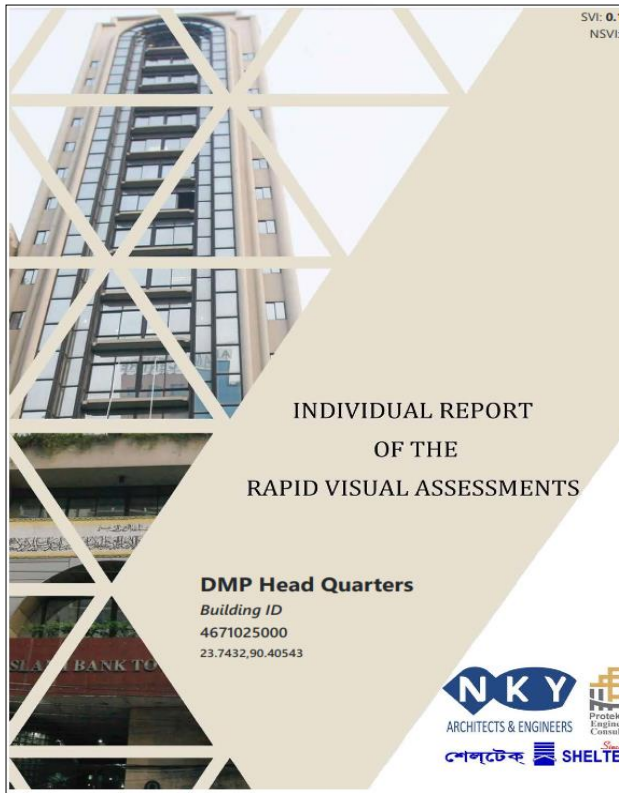


Inception Report



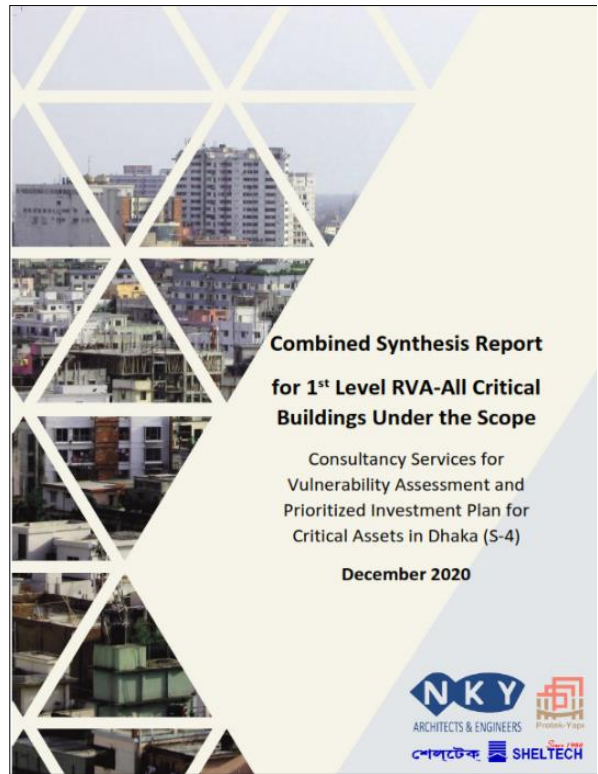
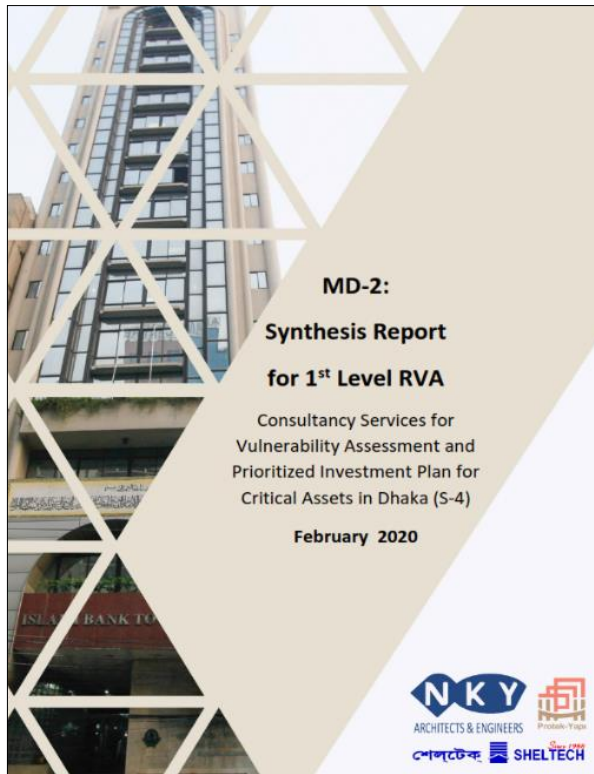
Comprehensive situation analysis report including Recommendations and way forward solutions

Annual Progress by URP Sub-Components for fiscal year 2020-21



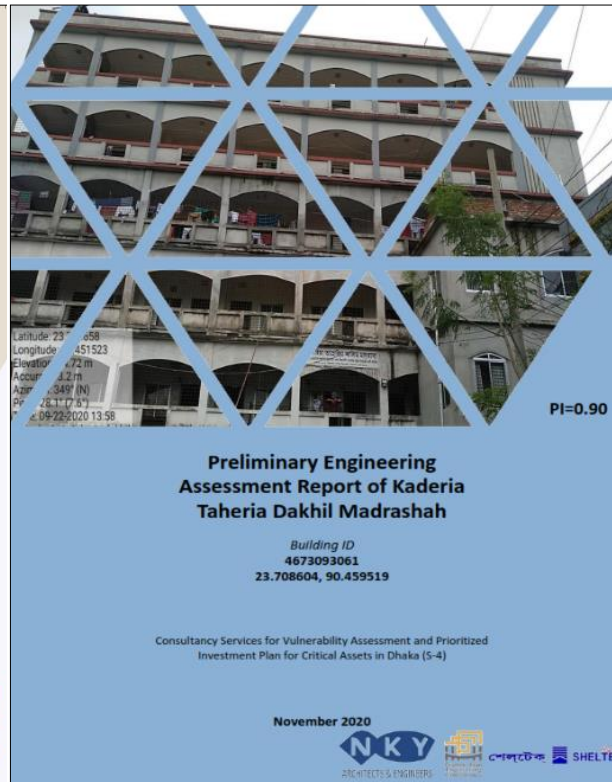
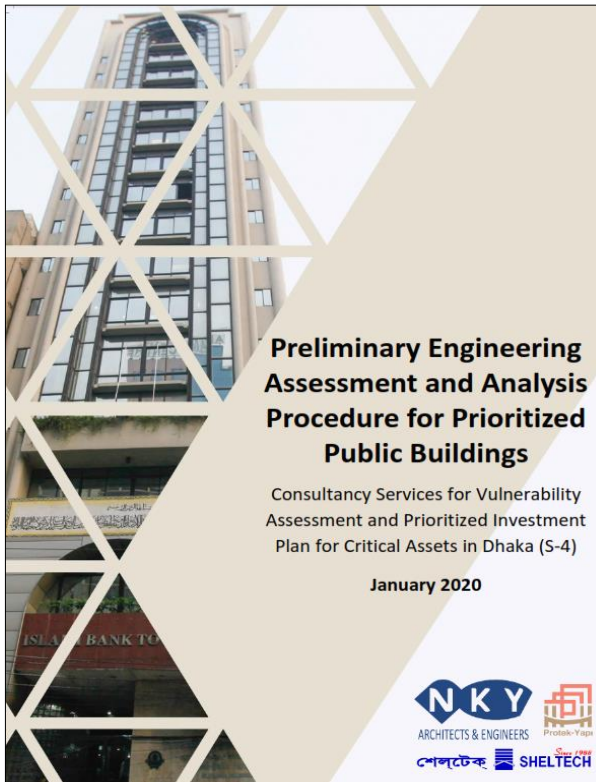
Individual Report of the RVA

RVA Methodology



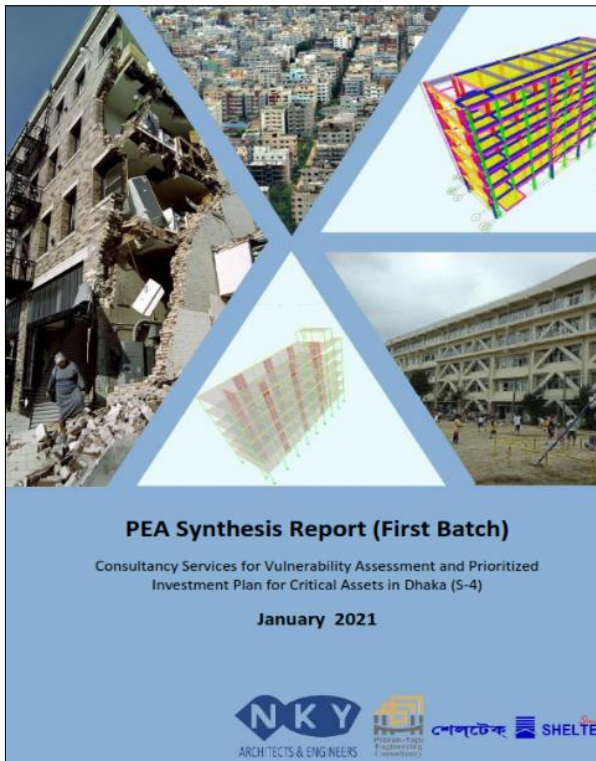
Synthesis Report of RVA

Combined Synthesis Report of RVA

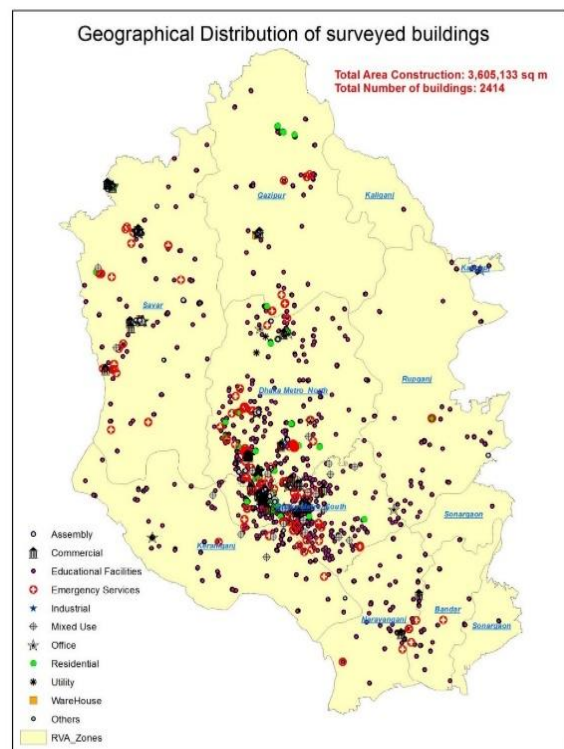


PEA Methodology

PEA Sample Report



PEA Synthesis Report



Distribution Map of Surveyed Building from Rapid Visual Assessment (RVA)

PHOTOGRAPHS OF FIELD WORK



Ferro Scanning- PEA



Ultra pulse velocity Test-PEA



Capo test-PEA



Re-bar diameter checking-PEA



Re-bound hammer test



Data recording for RVA

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, of which 21 were active during the reporting period of last fiscal year (FY2020-21). Among these 21 milestones, (4) were “Completed on-time,” four (4) were “completed late,” four (4) were “Due but on-going,” and the remaining nine (9) are projected to be completed during next six months of this fiscal year ending on 31 December 2021.

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

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
4	4	0	4	0	9	21

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

Under **Sub-component B-2**, approval of the **Final Strategic Environmental Assessment Report (MD-1.2)** was done on September 13, 2020; and detailed Geotechnical Study (including all field and all laboratory tests) by means of **Standard Penetration Tests (SPT) (GD-2)** was completed on April 21, 2021- **12 months late**; and detailed Geotechnical Study by means of Cone Penetration Tests (CPT) **(GD-3)** was completed on April 7, 2021- **12 months late**. The Shear wave velocity profile was obtained from the indirect tests such as MASW, SASW, seismic refraction-**Seismic Downhole test (GD-4.1)** on June 25, 2021- **16 months late**.

A draft analysis report of the geotechnical and geological studies was conducted with recommendations. Besides, a final comprehensive report was prepared with the outcomes of the geotechnical and geological studies reflecting the results and way forward. These outcomes were included in the compilation of the Seismic and Hazard Mappings and risk profiles for the greater Dhaka City (MD-4.1) on March 25, 2021.

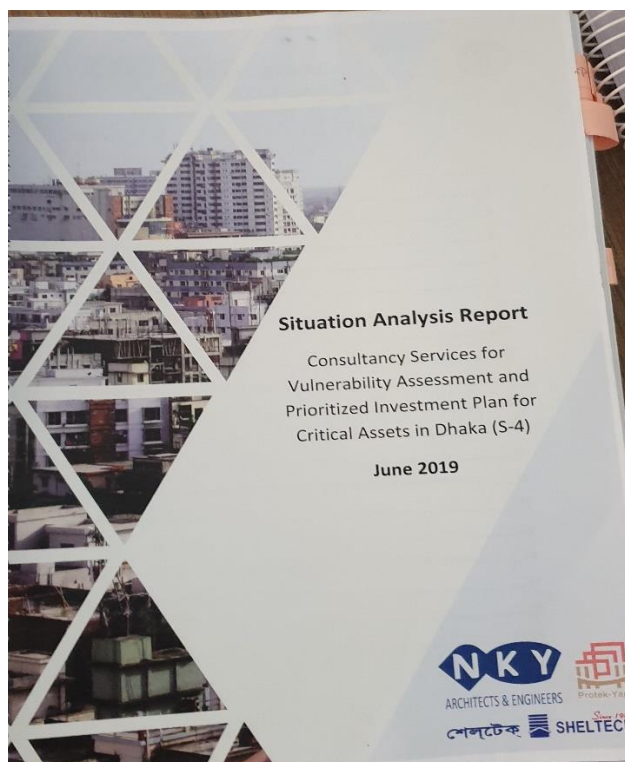
6-month Forecast:

As four (4) milestones are still “Due, but on-going” those four (4) milestones are programmed to be completed within the next two quarter. Following, nine (9) more milestones need to be completed by December 31, 2021.

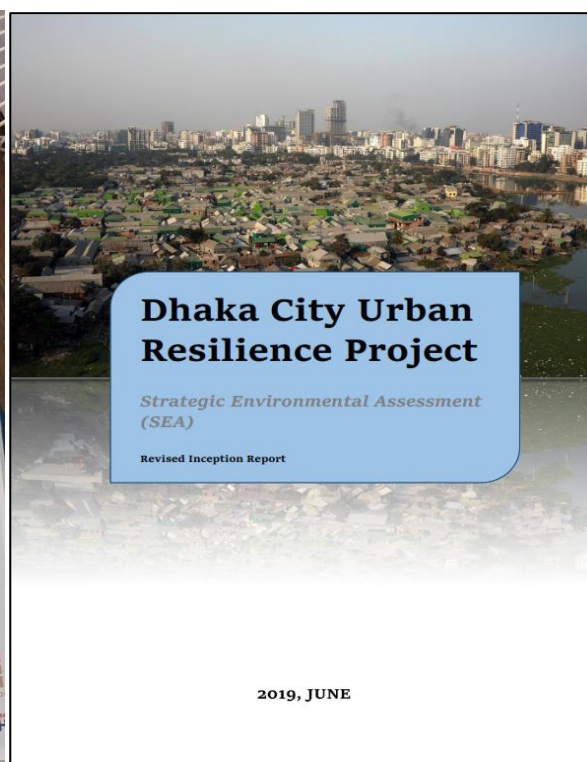
1. Submission of Geotechnical and Geological Survey plan. Use the body of existing knowledge to develop approaches to resolve apparent or foreseen conflicts (e.g., land use management, zoning in hotspot areas) and regional strategies for removing bottlenecks to risk-sensitive land use planning and implementation in Metro-Dhaka, principally in the following areas (MD-4.2). The due date is July 30, 2021.
2. Develop a plan for urban expansion and associated land servicing with adequate infrastructure provided; (D-05); the due date is August 30, 2021.

3. Develop the conditions for providing adequate, affordable housing as an alternative to integrated, locally managed urban development and housing programs with national support mechanisms. (D-06); the due date is July 30, 2021.
4. Undertake a consultation and validation process with the Project Working Group (PWG) and Project Operating Committee (POC) and relevant scientists and experts on the Draft Dhaka Regional and Urban Resilience Strategy (D-07); the due date is September 30, 2021.
5. Develop outreach material composed of illustrative maps, brochures and exhibits for examples of risk-sensitive land use management approaches in Dhaka stressing the socio-economic and cultural benefits (D-08.2); the due date is August 10, 2021.
6. RSLUP training and conducting training of trainers (ToT) activities (D-09.2); the due date is September 20, 2021.
7. Complete and submit the Greater Dhaka Risk Sensitive Land Use Strategy (MD-4.3).
8. Prepare Action-oriented guidelines and tools focusing on priority areas such as risk sensitive urban planning, design, infrastructure, housing, employment generation, governance and finance (D-09.1).
9. Complete a RSLUP Guidebook as an update to the RSLUP Guidebook produced by Bangladesh Earthquake Urban Resilience Project (D-10).

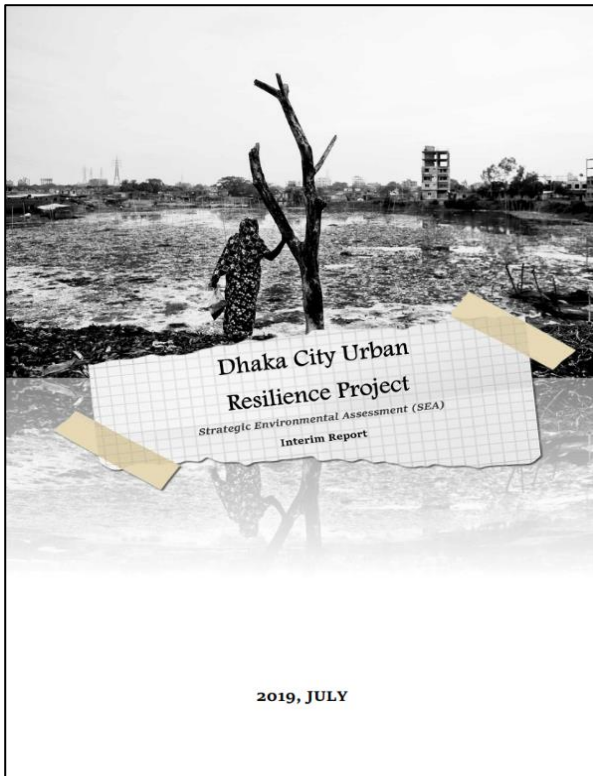
PHOTOGRAPHS OF DELIVERABLES



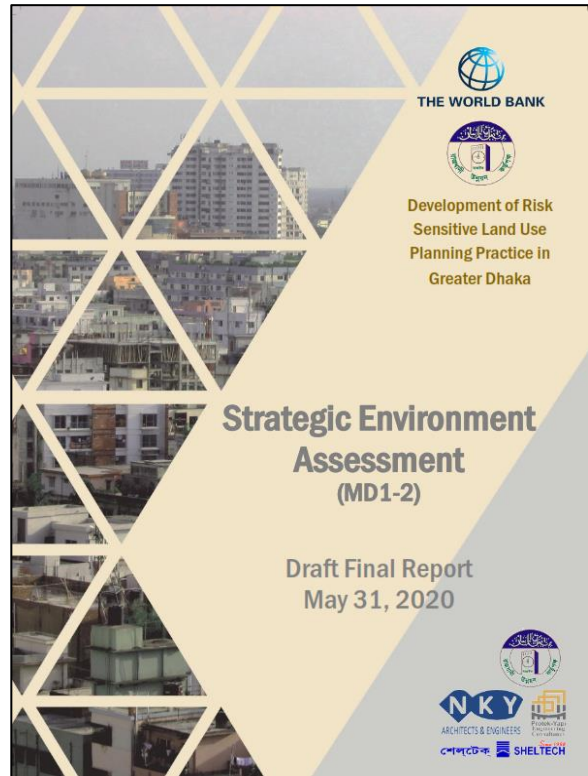
Situation Analysis Report



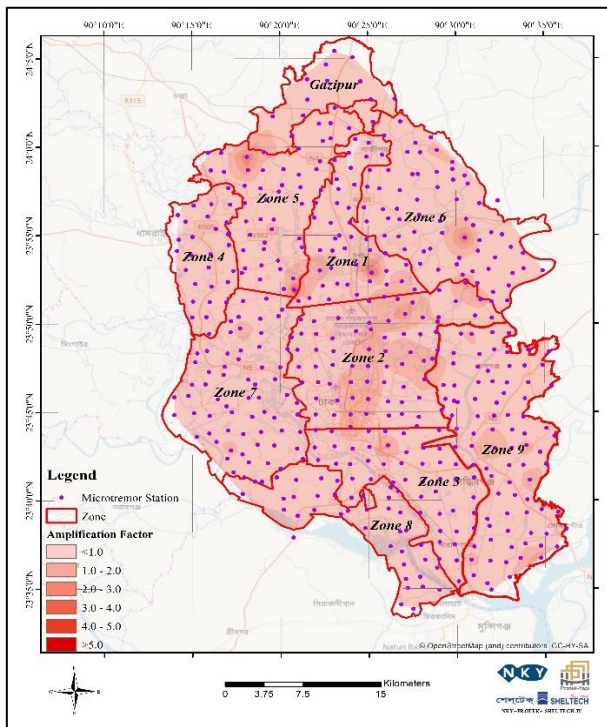
Inception of SEA Report



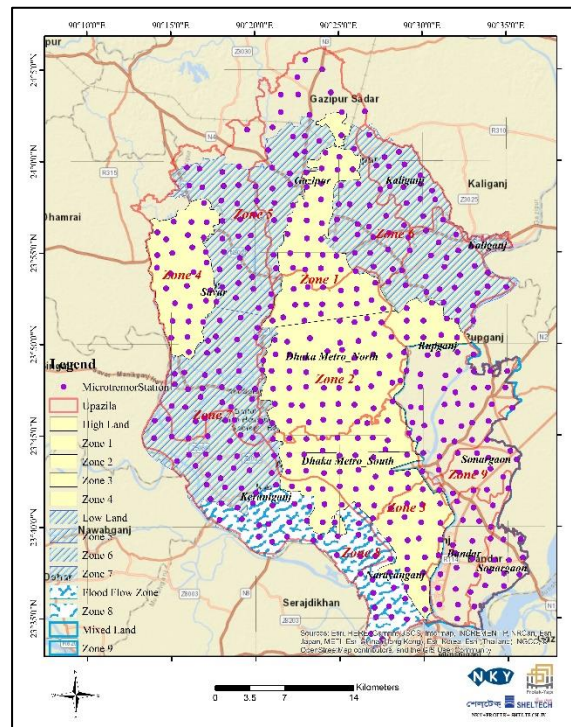
Interim SEA Report



Draft Final SEA Report

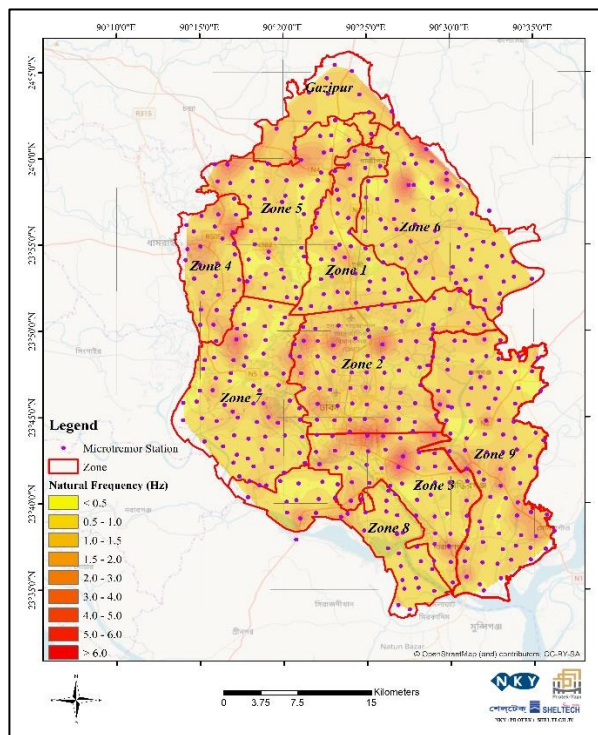


Amplification Factor Map of DMDP Area

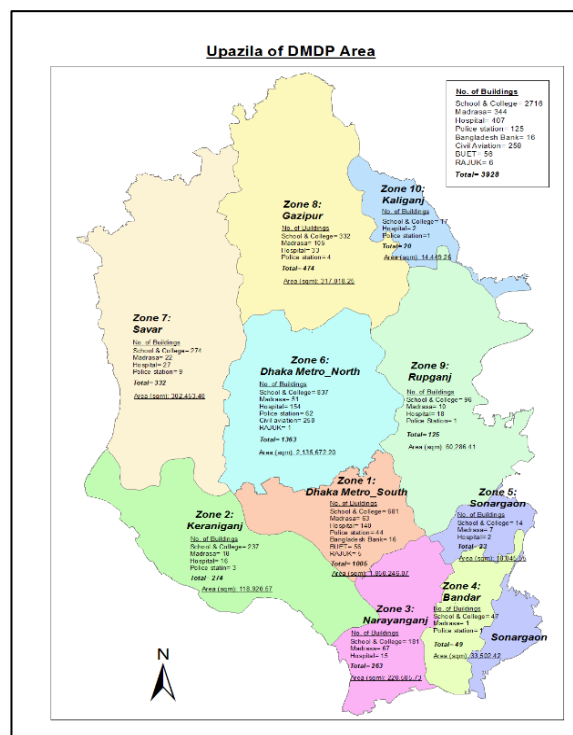


Distribution of 400 Microtremor Station in DMDP Area

Annual Progress by URP Sub-Components for fiscal year 2020-21



Natural Frequency Map of DMDP Area



Zonal Map of DMDP area

Table 3.7 Status of Geotechnical Field Tests

Sl. No.	Name of Geotechnical Test	According to ToR	Completed (Till Date)	Percentage (%)
1	Microtremor Test	400 Nos.	400 Nos.	100
2	Standard Penetration Test (SPT)	15,000 Meter	15013.5 Meter (378 Nos.)	100
3	Seismic Downhole Test (SDHT)	400 Nos.	399 Nos.	100
4	Cone Penetration Test (CPT)	5,000 Meter	5010 Meter (146 Nos.)	100
5	Seismic Cone Penetration Test (SCPT)	400 Nos.	148 Nos.	37

Laboratory tests conducted are as follows:

- ❖ Visual classification test
- ❖ Unit weight test
- ❖ Moisture content test
- ❖ Specific gravity test
- ❖ Unconfined compression test
- ❖ Triaxial test
- ❖ Consolidation test
- ❖ Direct Shear test
- ❖ Hydrometer test
- ❖ Shrinkage limit test
- ❖ Atterberg limits test
- ❖ Sieve Analysis

PHOTOGRAPHS OF FIELD/LABORATORY WORK



Laboratory Tests



Standard Penetration Test (SPT)



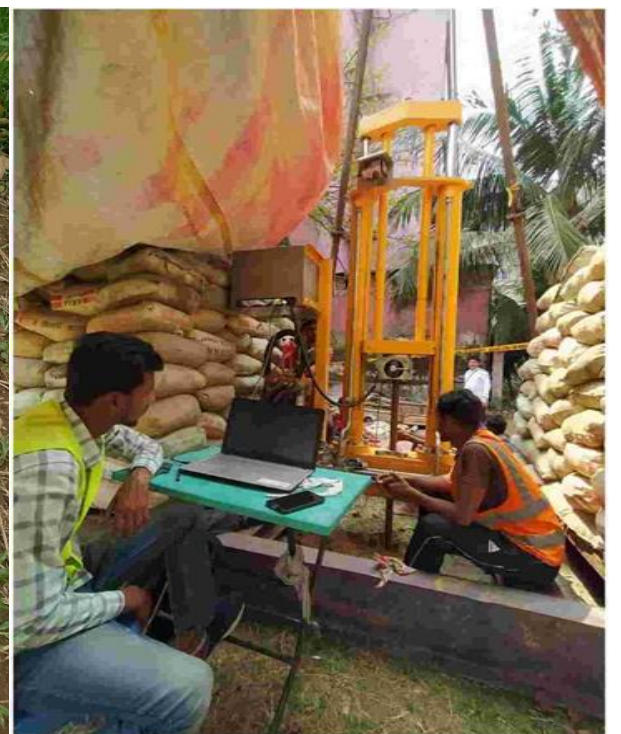
Seismic Downhole Test (SDHT)



Seismic Cone Penetration Test (SCPT)



Microtremor Test



Cone Penetration Test (CPT)

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);
- ✓ 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 26 milestones, among which 12 were active during the reporting period of last fiscal year (FY2020-21). Out of these twelve (12), five (5) were "Completed late," and seven (7) were "Due, but on-going," which are programmed to be completed during next six months of this fiscal year ending on 31 December 2021.

Table 3.8: Annual Totals for URP Sub-component C-1

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
0	5	0	7	0	0	12

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

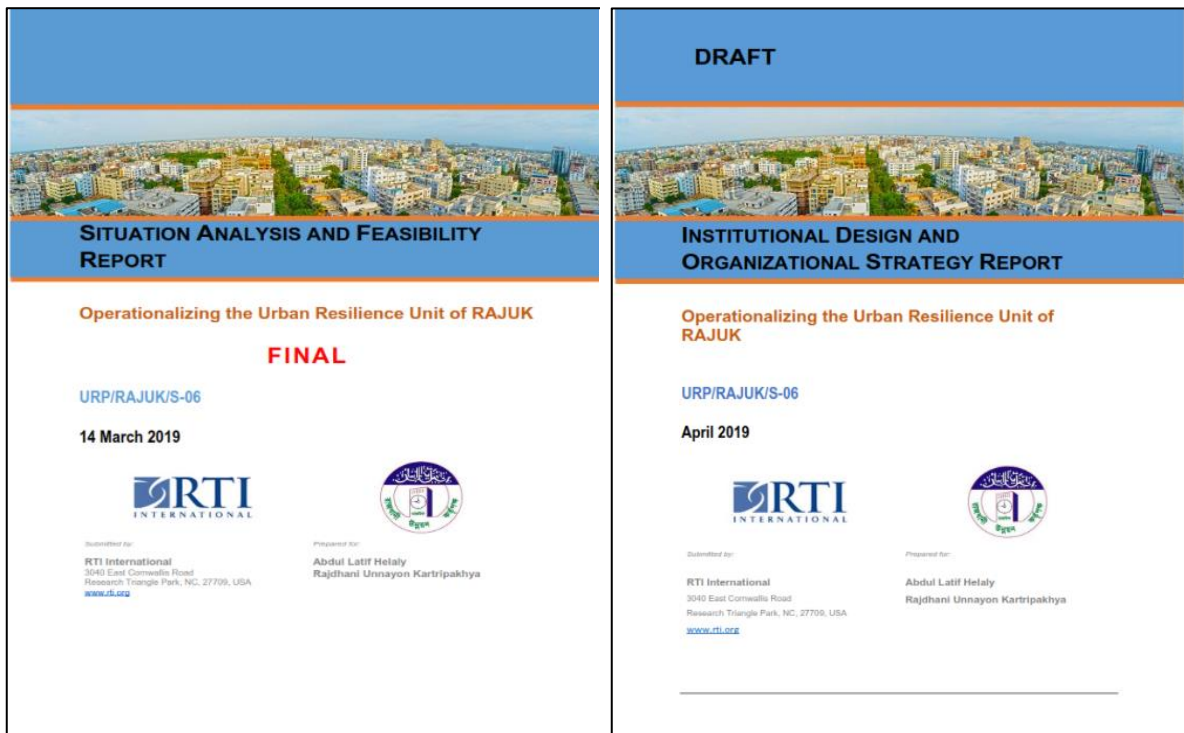
Major Accomplishments and Non-accomplishments in the FY 2020-21

For **Sub-component C-1**, RTI-International (RTI) submitted the **URU Training Materials and Documentation (MD-4)** on December 30, 2020 which was submitted again after revision on January 28, 2021 and approved on February 24, 2021. RTI then submitted a draft **Capacity Building Program Report and URU Staff Training Report (MD-5)** to RAJUK on April 16, 2021 and a **Monitoring and Evaluation Report (MD-6)** on April 29, 2021.

6-month Forecast:

As seven (7) milestones are still “Due, but on-going” those seven (7) milestones are programmed to be completed by December 31, 2021.

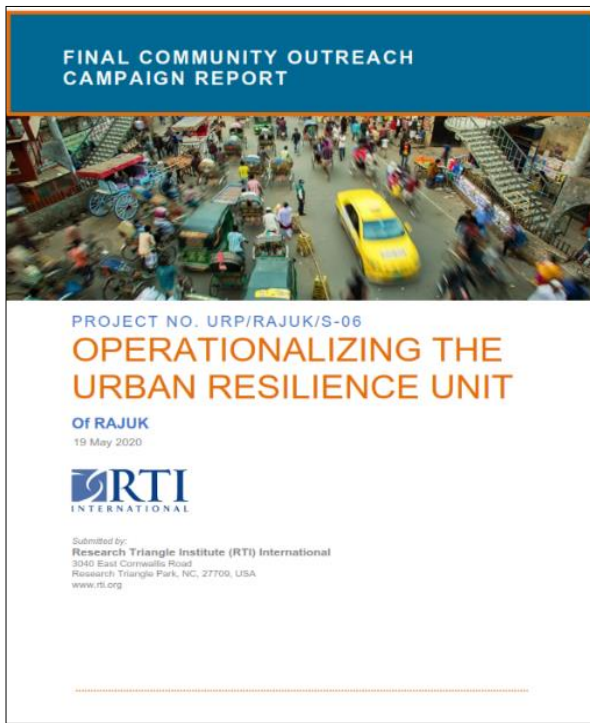
PHOTOGRAPHS OF DELIVERABLES



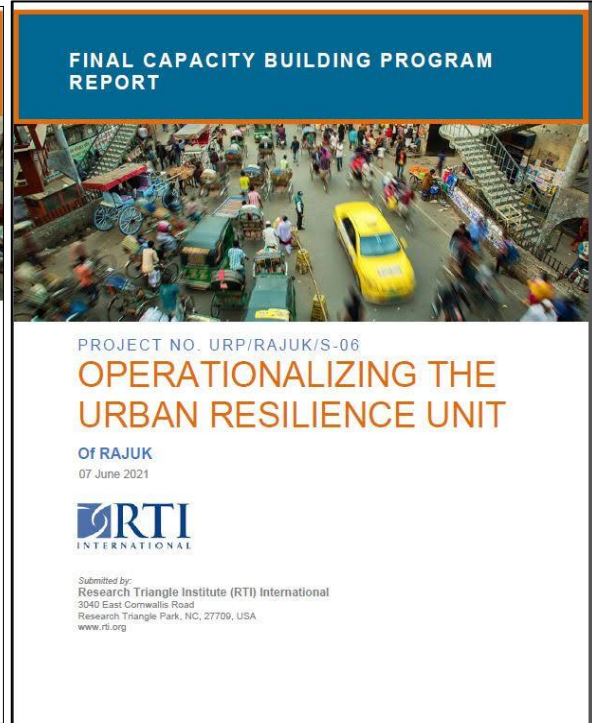
Situation Analysis and Feasibility Report

Institutional Design and Organizational Study Report

Annual Progress by URP Sub-Components for fiscal year 2020-21



Community Outreach Campaign Report



Capacity Building Program Report and URU Staff Training Report



URU Training Materials and Documentation



Earthquake awareness Poster

PHOTOGRAPHS OF TRAINING & WORKSHOP



Disaster Imagination Webinar

Disaster Imagination Webinar

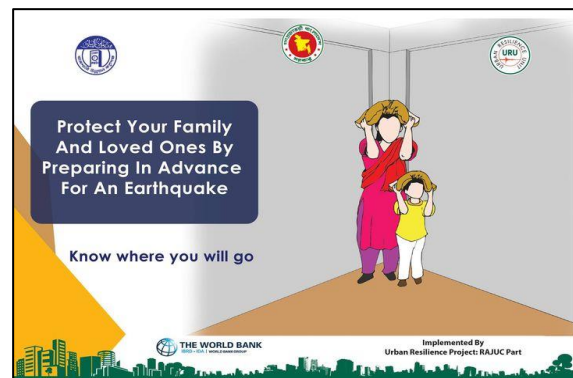


Disaster Imagination Workshop

Disaster Imagination Workshop



Proposed logo of URU



Earthquake awareness Poster

List of Training conducted:

1. Project & Process Management, Development & Managerial skills.
2. Urban Resiliency & Sustainability Development.
3. Engineering & Professional Ethics.
4. Building Code Enforcement & Electronic Construction Permitting System.
5. QA & QC of Site Construction Including Reporting and Approval Processes.
6. Flood and Seismic Hazard and Risk Assessment.
7. HVRA and Fundamentals of Disaster Risk Management.
8. BNBC and Building Code Implementation.
9. Micro-Zonation Studies.
10. Seismic Retrofitting and Rehabilitation of the Existing Structures and Lifelines.

❖ 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 10 were tracked for the reporting period of last fiscal year (FY2020-21). Out of these 10, seven (7) were “Completed late,” and three (3) more were “Due, but on-going,” and are expected to be completed by December 31, 2021.

Table 3.9: Annual Totals for URP Sub-component C-2

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
0	7	0	3	0	0	10

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

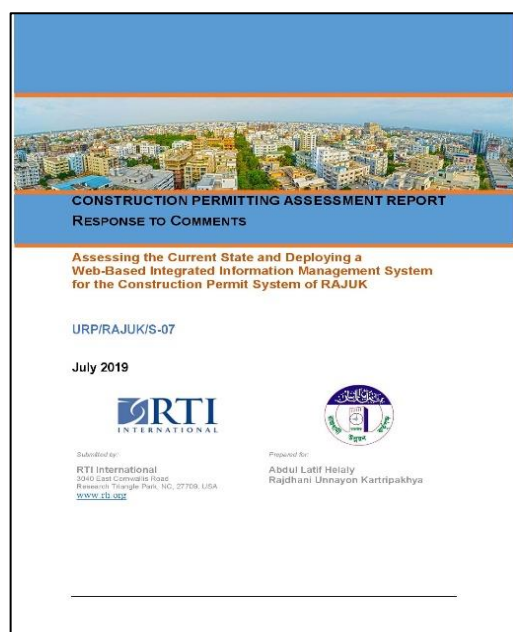
Major Accomplishments and Non-accomplishments in the FY 2020-21

For **Sub-component C-2**, RTI-International (RTI) started the **In-House Testing (IHT)** in the mid-September and completed by September 22, 2020. Besides, submission of the draft version of “main deliverable” **User Acceptance Testing (UAT) Report** was completed on March 30, 2021 which was revised on April 7 2021; and the Operational Acceptance (OAT) Report was submitted on April 12, 2021 which was revised on June 19, 2021. Final Report was submitted on April 12, 2021 which was revised on June 25, 2021. All these reports are now under review process of Rajuk for approval.

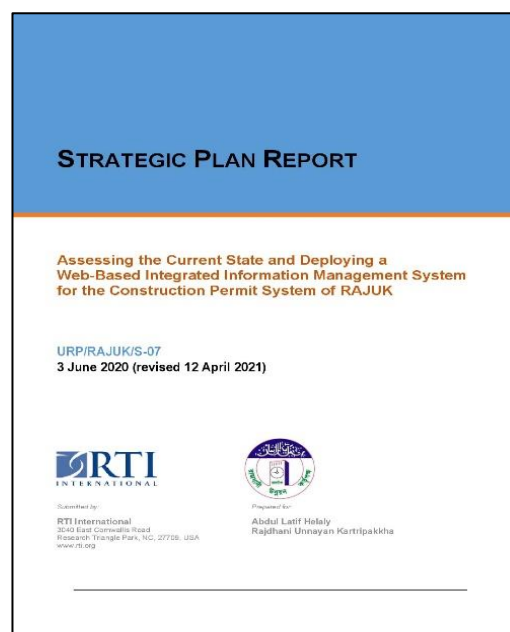
6-month Forecast:

As three (3) milestones are still “Due, but on-going” those three (3) milestones are programmed to be completed within the next two quarter.

PHOTOGRAPHS OF DELIVERABLES



Construction Permitting Assessment Report

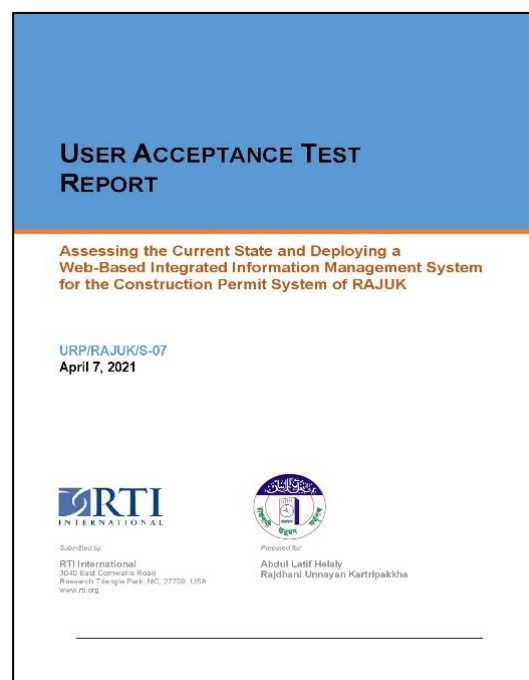


Strategic Plan Report

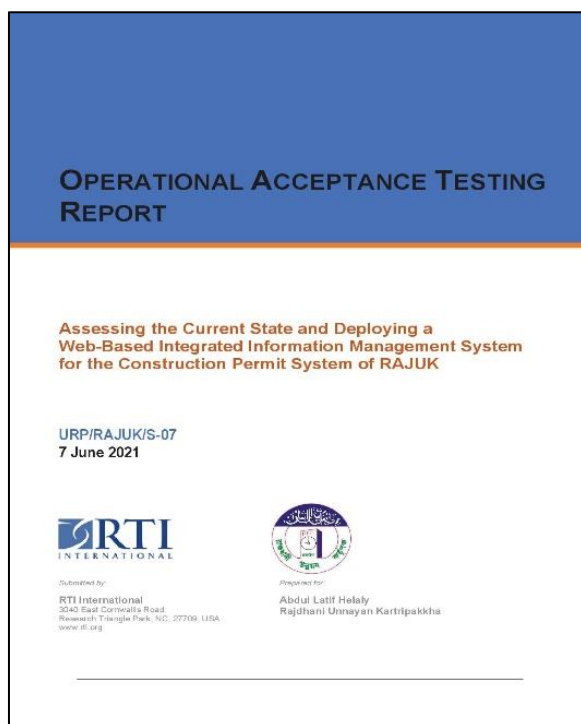
Annual Progress by URP Sub-Components for fiscal year 2020-21



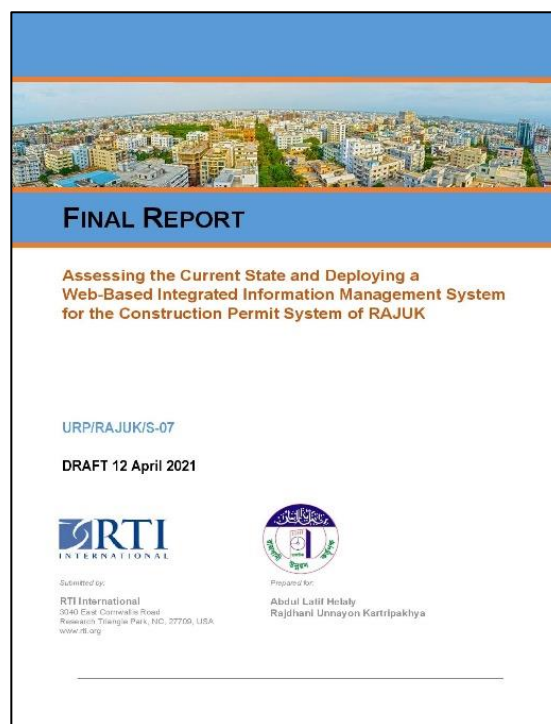
Business Rules Specification (BRS) Report



(UAT) Report

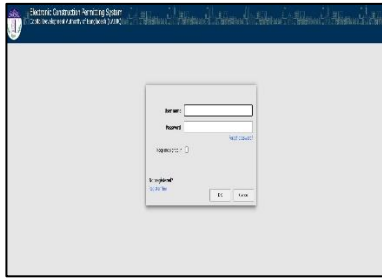


Operational Acceptance (OAT) Report

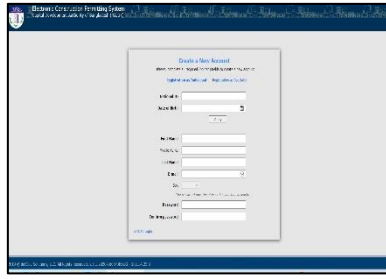


Final Report

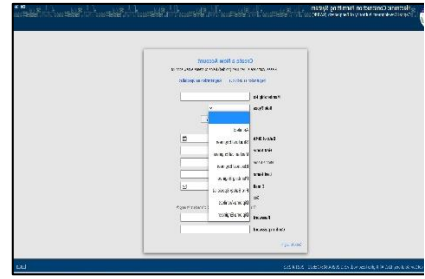
PHOTOGRAPHS OF DIFFERENT STEPS OF ECPS



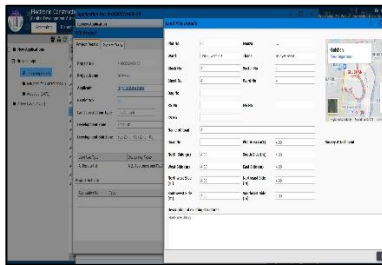
Log-in window



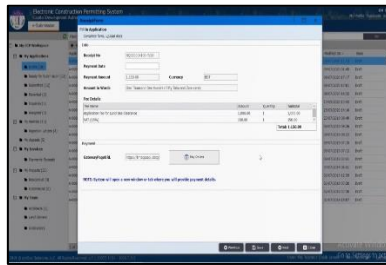
Registration as Individual window



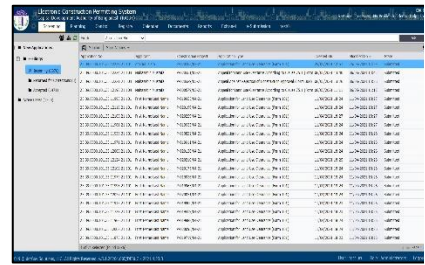
Registration as Specialist window



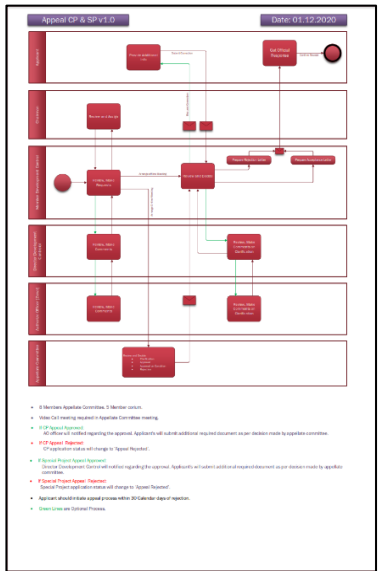
Project Detail window



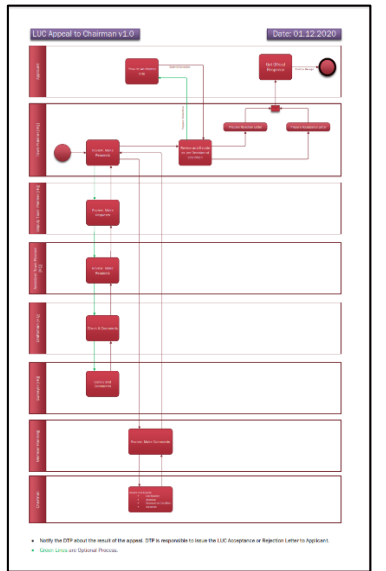
New application and payment window



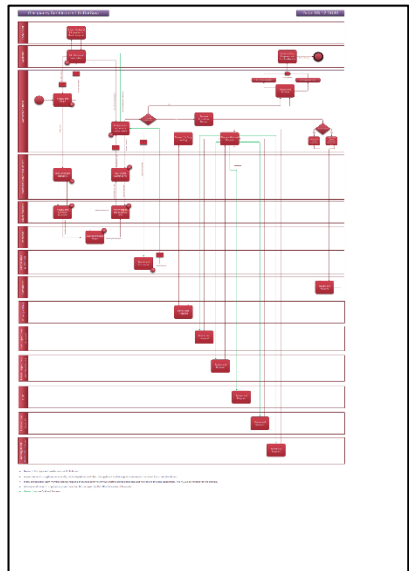
Incoming file Screening window



Construction Permitting and Spatial Project appeal window



Land use appeal to chairman window



Occupancy Certificate window

❖ 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

Annual Progress by URP Sub-Components for fiscal year 2020-21

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 fifteen were tracked during the reporting period of last fiscal year (FY2020-21). Out of these fifteen, one (1) was “completed on time,” three (3) were “Complete late,” two (2) were “due but on-going,” and the remaining nine (9) milestones are expected to be completed by December 31, 2021.

Table 3.10: Annual Totals for URP Sub-component C-3

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
1	3	0	2	0	9	15

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

RAJUK signed a contract for consulting work Professional Accreditation Program in RAJUK with a firm namely the **International Code Council (ICC)** on March 1, 2021. The firm submitted the **Inception Report** on May 12, 2021. A validation meeting was also held on May 27, 2021 on the report and the approval process is still pending.

6-month Forecast:

As two (2) milestones are still “Due, but on-going” those two (2) milestones are programmed to be completed within the next two quarter. In addition, the following nine (9) more milestones need to be completed by December 31, 2021.

1. Approval of the Inception Report (MD-1).
2. Review and Revision of the Demand Analysis Study Report (MD-2).
3. Approval of Demand Analysis Study Report (MD-2).
4. Submission of Concept Note Report (MD-3).
5. Review and Revision of Concept Note Report (MD-3)
6. Approval of Concept Note Report (MD-3).
7. Submission of PAP Design Report (MD-4).
8. Review and Revision of PAP Design Report (MD-4).



❖ 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 ten were tracked over the fiscal year 2020-2021. Out of these ten, three (3) were “Complete late,” two (2) were “On-going,” and remaining five (5) are projected to be completed by December 31, 2021.

Table 3.11: Annual Totals for URP Sub-component C-4

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
0	3	2	0	0	5	10

Major Accomplishments and Non-accomplishments in the FY 2020-21

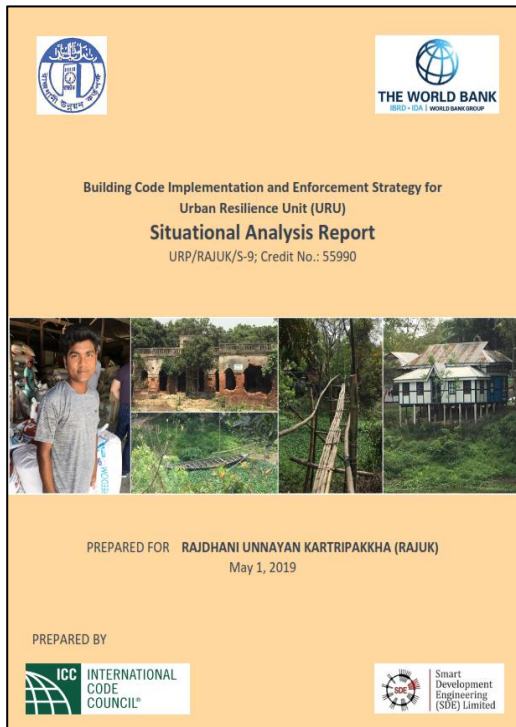
Under **Sub-component C-4**, submission of the “main deliverable” **Proposed Program for Building Codes and Construction Code Enforcement Report (Initial/Final)** was completed on September 3, 2020. A revised version of the same document was also submitted on December 23, 2021 which was approved on January 7, 2021. Presently, works on-going to prepare two major deliverables are: (i) Training and Capacity building Report and (ii) Education and Outreach Campaign Report.

6-month Forecast:

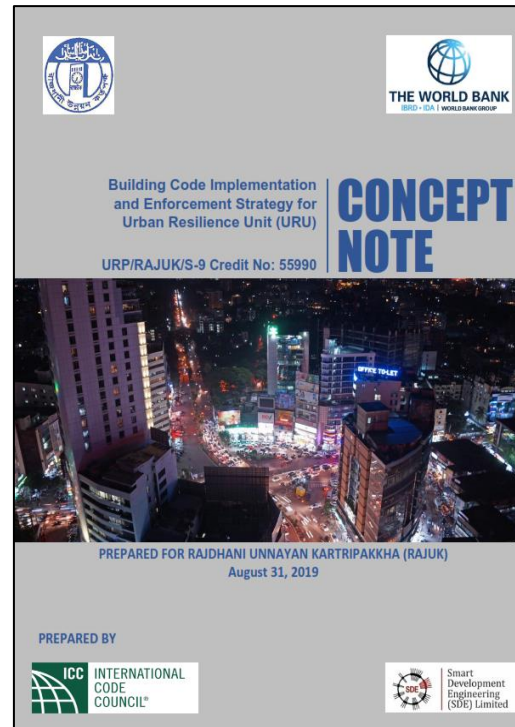
The on-going two (2) milestones are expected to be completed this quarter (1st Q of FY 2020-2021). In addition, following five (5) more milestone needs to be completed by December 30 2021:

1. Review and Revision of Training and Capacity Building Report.
2. Approval of Training and Capacity Building Report.
3. Review and Revision Education and Outreach Campaign Report.
4. Approval of Education and Outreach Campaign Report.
5. Submittal of Monitoring and Evaluation Report.

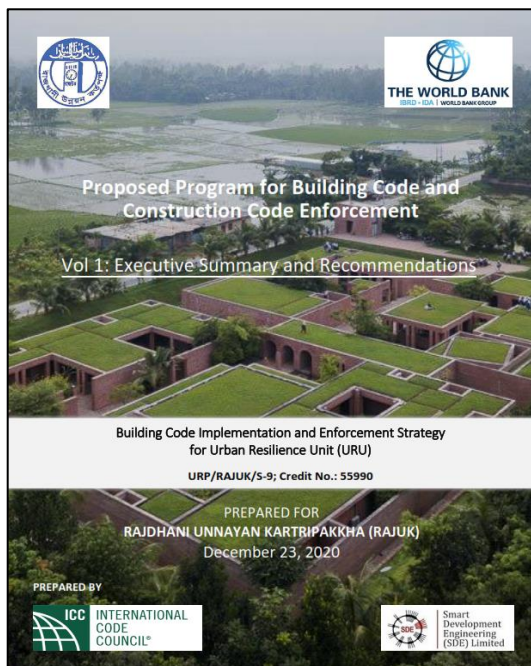
PHOTOGRAPHS OF DELIVERABLES AND WORKSHOP



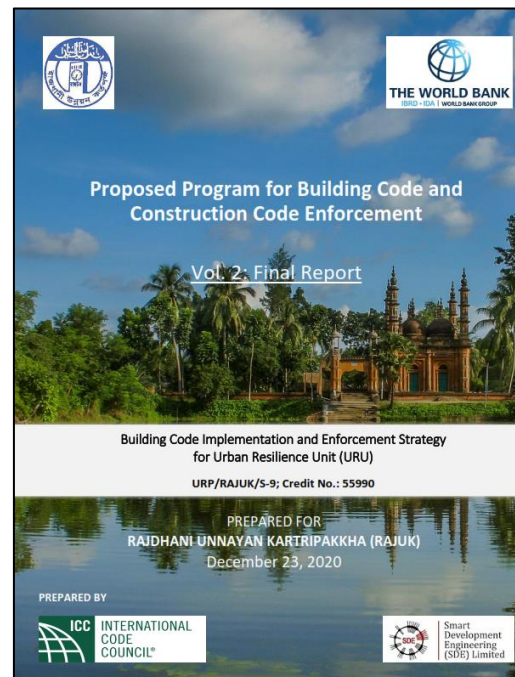
Situation Analysis Report



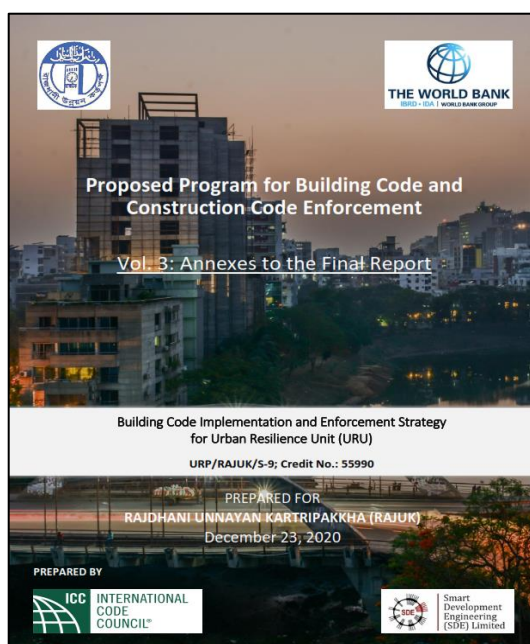
Concept Note



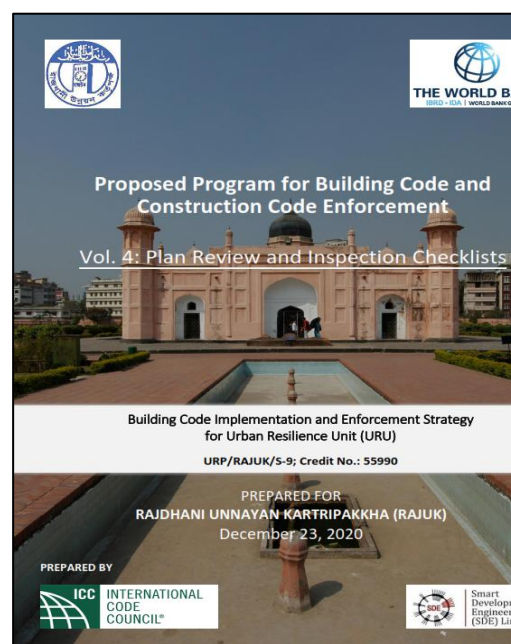
Executive Summary and Recommendation Of Proposed Program for Building Code and Construction Code Enforcement



Final Report of Proposed Program for Building Code and Construction Code Enforcement



Annexes of Final Report of Proposed Program for Building Code and Construction Code Enforcement



Plan Review and Inception Checklists of Proposed Program for Building Code and Construction Code Enforcement

❖ 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 28 were tracked during the fiscal year. Out of these 28, seven (7) were "Complete on time," nine (9) were "Complete late," one (1) was "On-going," three (3) were "Due, but on-going," three (3) were "Due, but [had] made no-progress" and remaining five (5) are projected to be completed by December 31, 2021.

Table 3.12: Annual Totals for URU Building

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Total
7	9	1	3	3	5	28

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

Among the most important tasks completed during the four quarters of the fiscal year were: (i) receiving the NOA (Notification of Award), CCGP approval and contract signing of URU building (W-1); (ii) installation of 40-meter-deep test piles; (iii) installation of over 100 shore piles 25 meters depth; (iv) establishment of a site office and general facilities. (v) Construction of service

Annual Progress by URP Sub-Components for fiscal year 2020-21

piles; (vi) conduction of static load tests for service piles and (vii) Completion of Earth work Excavation/slope protection/clearance.

Besides, supply and delivery of goods for the package PA System, Telecommunication, Access Control & Security and General Electrical Equipment for PIU Office as well as Seismic Lab Equipment for URU and Seismic Field equipment of URU (G-12, G-13, G-18-1) were done. Procurement of Motorcycle for PIU of Urban Resilience Project: RAJUK Part (G-19-1) was also done.

Furthermore, contracts were signed for (i) Procurement of ICT Equipment for Deploying Electronic Construction Permitting System in RAJUK (G-20-1) and (ii) Cutter Crane with 10-inch RCC Slab Cutting Capacity & 3.65 Ton Lifting Capacity (G-24).

PHOTOGRAPHS OF CONSTRUCTION WORK



Re-bar binding works



Borring work by hydraulic drilling rig



Static load tests for service piles



Earth work excavation



Earth work excavation



Side protection work by wire-mesh



Earth work excavation



Earth work excavation

Annual Progress by URP Sub-Components for fiscal year 2020-21



Pile-cap breaking work



Construction of rain-water shed

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, eight (8) were "completed on-time", 11 were "completed late", one (1) milestone is "On-going" and the remaining five (5) milestones are expected to be completed during next six months of this fiscal year ending on 31 December 2021.

Table 3.13: Annual Totals for URP Component D

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6-month projection	Total
8	11	1	0	0	5	25

Source: Milestone Status Reports/Data Collection Forms for APR of FY 2020-21.

Major Accomplishments and Non-accomplishments in the FY 2020-21

Under **Component D**, the starting of the reporting period the involvement of the M&E team slowed down due to the fact that the contract extension of M&E team after June 2020 took lengthy time to complete. We came to an understanding that PCMU received the NOL (No Objection Letter) for M&E team's contract extension from Bank after prolonged time. Later, the M&E firm re-submitted the **M&E Advisory Report** and engaged in the preparation of the URP's 2nd Annual Report. In the meantime, PCMU extended the contract of its project staff for Planning Commission office up to September 2020. Followed by the No Cost Contract extension till December 2020 the M&E team produced



Project Implementation Committee (PIC) Meeting

series of deliverables under this reporting period. These were **9th, 10th and 11th Quarter Progress report** and **2nd Annual Report**.

The previously submitted M&E Advisory Report was approved by the 12th Project Steering Committee (PSC) meeting on 19th October, 2020 headed by the Secretary of the Planning Commission. Later, the 2nd Annual Report was reviewed and revised followed by the recommendation of the Technical Committee Meeting held on December 9, 2020. The contract of the PCMU project staff was also extended through outsourcing agency in this reporting period. Contracts for the M&E Team and Internal Audit Team were also extended in December 2020. In November 2020, the URP M&E team submitted the 1st draft of the **Final Report** for the period from March 2015 to December 2020. The report was presented at the Technical Committee meeting for discussion. The M&E team received feedback and suggestions for revising the report and a 2nd draft of the report was submitted along with the 10th and 11th QPR on December 27, 2020. The PCMU organised the 13th Project Steering Committee (PSC) meeting on January 28, 2021 to review the URP Final Report and discuss progress implementing the URP. The PSC approved the URP Final Report incorporating the suggestions and recommendations it had made in the meeting.

In the reporting period PCMU has made progress coordinating the series of meetings used to monitor the progress and problems/obstacles of the URP. Following the signing of the contract extension for the URP M&E team, PCMU organized the first **Coordination Meeting** with M&E team members on March 16, 2021 to review the physical and financial progress of the project and to ensure that all consultants become on board to effectively perform the Monitoring and Evaluation function of the Project. A **Project Implementation Committee (PIC)** meeting was organised on March 31, 2021 to review the overall progress of the project; with an in-depth discussion on the physical and financial progress of RAJUK to determine whether additional funding would be required to continue planned activities.

M&E team submitted the 1st draft of the **12th Quarterly Progress Report** on May 6, 2021.

The report was presented in the Project Technical Committee meeting on May 25, 2021 and in the 14th Project Steering Committee (PSC) Meeting



14th Project Steering Committee (PSC) Meeting

on June 23, 2021. The report was finalized following its revision by the M&E team based on the comments and suggestions of both committees.

➤ **Ongoing: (1)**

1. Coordinate the 18-month extension of the Urban Resilience Project on top of the current 22-month extension.

➤ 6-month Forecast:

The following tasks are expected to be completed within the next 6-months period till December 2021.

1. Coordinate the completion of 18-Month URP extension as mentioned in the World Bank's Aide Memoire by December 30, 2021
2. Submission of the 14th Quarterly Progress Report (QPR) and 3rd Annual Report by July 31, 2021
3. Review, revision and approval of the 14th QPR and 3rd Annual report holding coordination meetings by August 31, 2021
4. Submission of the 15th Quarterly Progress Report (QPR) by October 31, 2021
5. Review and approval of the 15th QPR and 3rd Annual Report by November 30, 2021

3.5 Implementation of Environmental and Social Safeguard Standards

The task and responsibility of the M&E team is to monitor the implementation of the appropriate preventive and mitigation measures being taken by implementing agencies of the URP during the period July 2020 to June 2021. Our job is to verify that they are being implemented in accordance with the applicable national and World Bank Group (WBG) Environmental and Social Safeguard (ESS) standards and Environmental, Health and Safety (EHS) Guidelines.

3.5.1 Scope of work during this period

During this period, a number of environmental and safety issues were observed by the M&E monitoring team. The team carried out two types of monitoring which are: visual monitoring and checking the results of analytical monitoring conducted by the sub-contractor in the EQMS (Enterprise Quality Management System) laboratory. The issues covered by visual monitoring include traffic volume, site security, personal protective equipment, incident record-keeping and reporting, solid and oily waste generation and disposal, worker's health, complaints from neighbours, safety orientation and training of workers, sanitation and drinking water facilities to the workers, and site drainage. During our 5 site visits, we found site security and personal protective equipment are being maintained properly. First aid and general medical attention, (headache, abdominal pain, fever) diagnosis, and treatment were being administered by an on-call doctor to workers, and all the information appear to be properly recorded in a register. Anyone entering the site must have their temperature measured and records are maintained at the entrance. Workers are trained in occupational health and safety campaign to raise awareness of the importance of injury and illness prevention at work, at home and in the community, fire extinguisher training, gas cylinder use, etc, and regular meetings are held on 3-4 times in a month.

Various potential environmental risks and impacts like air quality, noise, water discharges, and drinking water that may be affected by on-going project activities are monitored through sampling and laboratory analysis. In line with the Construction Environmental Management Plan (C-EMP), samples for laboratory analysis are collected with proper sampling procedure and analysed. The results show that all the parameters of different environmental components have been found to be within the allowable limits set by Bangladesh's Department of Environment (DoE) and the World Bank. Furthermore, the M&E Team visited the EQMS laboratory on 09 June 2021, had a meeting with their staff, and toured the laboratory. The team found that the laboratory and the activities of the technicians were in compliance with the applicable standards.

The following applicable DOE and World Bank Group's environmental and social safeguard (ESS) standards and Environmental, Health and Safety (EHS) Guidelines were considered:

- Environmental Quality Standards (EQS) of Bangladesh's Department of Environment (DOE), and
- The World Bank Group's (WBG) Environmental and Social Framework ESS-1 (Assessment and Management of Environmental and Social Risks and Impacts), ESS-2 (Labor and Working Conditions), and ESS-4 (Community Health and Safety) safeguard policies as well as their EHS Guidelines.

Implementation Status: Urban Resilience Unit (URU) Building of RAJUK: In terms of monitoring the implementation of the WBG's and Bangladesh's DOE environmental and social safeguards, the URP M&E team has focused on the construction of the Urban Resilience Unit

(URU) building. This work is being contracted out by RAJUK to the China State Construction Engr group. Ltd company under Works package W-1. Our compliance monitoring activities included a field visit, and discussions with the site supervision engineers, construction workers, and the construction company's in-house environmental specialist.

The safeguard issues of greatest concern are the implementation of the URU building's site-specific Construction Environmental Management Plan (C-EMP) to prevent, minimize, or mitigate any adverse impacts and to enhance any potential beneficial impacts. Also, of concern to the M&E team is the lack of any Grievance Redress Mechanism (GRM) process by a GRC Committee formed by RAJUK to address any concerns, complaints, or questions by the public about the construction activities underway. There is also no Labour Influx Management System (LIMS) in place to manage the influx of more than 70 workers on-site. We have been mentioning this for at least the last 3 years to RAJUK that we were worried about them not doing anything to address these requirements.

3.5.2 World Bank Group's applicable Environmental and Social Safeguard Standards

The three (3) applicable environmental and social standards of the World Bank Group's (WBG) Environmental and Social Framework, consisting of 10 standards are: ESS-1 (Assessment and Management of Environmental and Social Risks and Impacts), ESS-2 (Labour and Working Conditions), and ESS-4 (Community Health and Safety).

In the Project Appraisal Document (PAD) that was prepared by the Bank in 2015 under the 'old' safeguard framework for the URP, three safeguard operational policies were triggered. They were: OP/BP 4.01 (Environmental Assessment), OP/BP 4.10 (Indigenous Peoples), and OP/BP 4.12 (Involuntary Resettlement). However, over time, as the URP has been implemented, it has become evident that neither one of the two social safeguard policies for Indigenous Peoples or Involuntary Resettlement were applicable to the URP. Under the Bank's 'new' Environmental and Social Framework, three Environmental and Social Standards are applicable to the URP. They are summarized below with hyperlinks provided to "Guidance Notes" for reference purposes:

- **ESS-1: Assessment and Management of Environmental and Social Risks and Impacts**

The text of ESS-1 "*sets out the Borrower's responsibilities for assessing, managing and monitoring environmental and social risks and impacts associated with each stage of a project supported by the Bank... [they] are designed to help Borrowers to manage the risks and impacts of a project, and improve their environmental and social performance, through a risk and outcomes-based approach.*" The Guidance Note³ for ESS-1 contains five (5) "requirements" that Borrowers must comply with as well as an annex on "Management of Contractors," which are applicable in the context of the construction of the URU building.

The M&E team reviewed RAJUK-provided documents (Ref: EIA/ESMP-URU, BUET 2020) and conducted more on-site visits to determine whether RAJUK is in full compliance with ESS-1. During a series of site visits in March, April, May and June 2021, a number of good practices were noted to be in place by the M&E team, such as a security fence surrounding the URU work site with a security gate and guard, and the use of water hoses to keep dust emissions down to a minimum.

However, there were many EHS issues that require corrective actions be taken to address them, such as the handling and disposal of solid and hazardous wastes, taking

³ https://www.ifc.org/wps/wcm/connect/6df1de8f-2a00-4d11-a07cc09b038f947b/GN1_English_2012.pdf?MOD=AJPERES&CVID=mRQjKE9

measurements of air emissions and noise levels as needed, and on a regular basis at the work site following issuance of request for investigation (RFI) to M&E Team to associate in the process- which the Contractor didn't maintain. However, the situation improved when the labour shade was shifted from the previous site where incompliances reflected in initial stage on 12th QPR 2021.

- **ESS-2: Labor and Working Conditions**

The objectives of ESS-2 are to: promote safety and health at work sites; promote the fair treatment, non-discrimination, and equal opportunity of project workers; protect project workers, including vulnerable workers; prevent the use of all forms of forced labor and child labor; support the principles of freedom of association and collective bargaining of project workers; and provide project workers with accessible means to raise workplace concerns.⁴ ESS-2 contains four (4) "requirements" including "protecting the work force, establishing and implementing a grievance mechanism, and instituting an occupational health and safety program."



No change of workers accommodation at risk near electric installations since last quarter

The ESS-2 requirements are very relevant to the process

of constructing the URU building, and did not appear to be in compliance during the 2nd and 3rd quarters of the 2020-2021 fiscal year. Photographic evidence was collected by the M&E



Risky storage of bitumen inside the worker's camp

team during its site visits illustrating many infractions of good international industry practices and non-compliance with World Bank worker safety standards. These issues are of the greatest concern to the M&E team during past quarters and warrant immediate management attention by RAJUK and URP senior managers. Now the situation is gradually improving.

⁴ https://www.ifc.org/wps/wcm/connect/f0f3828e-8198-4ce0-8b8f-7f7441d80650/Updated_GN2-2012.pdf?MOD=AJPERES&CVID=meSESM0

- **ESS-4: Community Health and Safety**

ESS-4 addresses the “health, safety, and security risks and impacts on project-affected communities and the corresponding responsibility of Borrowers to avoid or minimize such risks and impacts, with particular attention to people who, because of their particular circumstances, may be vulnerable.” The objectives of ESS-4 are to: anticipate and avoid adverse impacts on the health and safety of project-affected communities during the project life-cycle; avoid or minimize community exposure to project-related traffic and road safety risks, diseases and hazardous materials; implement effective measures to address emergency events; and ensure that the safeguarding of personnel and property is carried out in a manner that avoids or minimizes risks to the project-affected communities.⁵



Discussion to place Complaint box in a visible area

It’s RAJUK and the Contractor’s responsibility to implement the environment and social safeguard standards (ESS). There is a GRC in place to record and solve complaints registered by the public. The GRC committee have been formed on 08 June 2021, the composition of team are: one Chairman from BUET, one member secretary is the deputy project director of RAJUK, three facilitators from RAJUK, one member from BAUM-SEC-PEL JV, one member from Contractor, one member from Ward Counsellor- DNCC. However, the committee will consider a Grievance Redress Mechanism (GRM) or any

standard operating procedures (SOPs) that would activate and direct a Grievance Redress Committee (GRC) to respond to any comments or complaints filed by individuals or groups. The contractor was informed by the M&E team that regular and on-going recording and reporting is a requirement of full compliance. During the M&E team’s site visits, it appeared that RAJUK was **not in full compliance** with ESS-4, although it has taken some steps to address these potential risks and



Installation of Complaints and Suggestion box in a visible area

impacts to nearby residents and passers-by in the immediate vicinity of the URU building, such as student housing for Titumir College. A complaint box was also installed inside the construction premises so that Grievance (if applicable) could be reported.

⁵ <http://documents1.worldbank.org/curated/en/290471530216994899/ESF-Guidance-Note-4-Community-Health-and-Safety-English.pdf>

During site visit on 03 June 2021, the M&E Team suggested to place the Complain Box at the main entrance of the construction site, otherwise due to site security and access control, people who want to complain cannot gain access inside to the complaint box (Photo of June 03, 2021). Further, the Complaint Box should be well exposed to draw attention of people for appropriate use. Later, it was identified that the suggestion box was installed in a visible place.

3.5.3 Compliance with World Bank Group's Environment, Health and Social Guidelines

- **Environmental Contamination**

The environmental issues of most concern are air, water, soil, and waste contamination. For example, in the case of the URU building, dust and noise generation are the issues of greatest concern. There are well-known, easily implemented, and effective mitigation measures readily available.

At the URU site, based on photographic evidence, first-hand observation, and testimony from on-site contractors, it appeared to the M&E team that RAJUK was **not in full compliance** in terms of handling both solid and hazardous wastes in compliance with the ESH Guidelines. Later it was observed that once the "EQMS Consulting Limited" was contracted, we found that air quality, water quality and surface runoff, noise level, health and safety issues to address these matters. Solid and hazardous waste management are not adequate. The M&E team consider this as a positive sign, but more work is still needed to bring it into full compliance.



Wet, contaminated rags, scraps, lying. June' 21

- **Occupational Health and Safety (OHS)**

From our site inspections, photographic evidence, and interviews with on-site personnel, it appeared that the OHS guidelines are not being fully complied with by RAJUK and its contractors. For example, while workers did wear highly-visible, reflective safety vests and hard hats, in many cases they were wearing sandals rather than steel-toed shoes



Working at height without helmet, and safety gear

and did not have work gloves or eye and ear protective gear. Many physical hazards from falling or tripping over objects that were lying about in a haphazard way at the work site were present. Nor did there appear to be any mitigation measures in place to prevent or minimize those risks. Photographic evidence shows that the work site was disorganized and lacks adequate measures and procedures in place to ensure a safe and healthy work environment. However, the situation improved in the latter part of the fiscal year. We hope that by bringing the World Bank's and URP management's attention to these deficiencies, working condition will continue to improve and come into compliance with the applicable Safeguards this fiscal year.

- **Community Health and Safety**

This section of EHS Guidelines addresses the risks and potential negative impacts to the health and safety of nearby residents and passers-by. The issues of greatest concern include fire safety, traffic safety, transport of hazardous materials, disease prevention (especially now with several cases of workers having been identified with the Covid-19 virus), and emergency preparedness and response mechanisms and procedures in place.



Displayed Safety Instruction and fire extinguisher

It was identified that the fire service is easily accessible to the site for an emergency situation. Besides, periodic fire drills are conducted on site for workers safety. Further to note, diesel is used for the generator which is stored at a safe place, other hazardous and flammable chemicals are not in use at this stage. In order to fight against COVID the contractors brought hand sanitizers, gloves and facial masks for workers whose temperature are measured on a daily basis at the beginning of the work cycle. COVID-19 tests for all workers are periodically conducted and a first aid box is available for handling minor injuries. At the time of serious illness or life-threatening injuries, the Contractor has arrangement with a local pharmacy followed by a hospital for improved treatment.

Greenfield Towers for FSCD and City Corporations: The environmental and social monitoring have not yet commenced for DNCC's Greenfield towers as the construction process has not started. Since the construction of rooftop base stations is on-going, in the coming periods we will be following up with site visits to monitor their construction and determine whether they are in compliance with the World Bank's applicable Safeguard standards.

Renovation work inside DDM building: The renovation activities inside the DDM building at Mohakhali conducted during this period were considered to have insignificant adverse environmental and worker safety impacts. The parameters included management of solid and hazardous wastes, generation of localized dust, noise, and the health and safety of workers, etc.

CHAPTER

4

Financial Progress for FY 2020-21

This section of the report categorically describes the financial progress of the implementing agencies based on the approved cost, quarterly allocation and disbursement. However, component-wise financial progress for each of the implementing agencies could not be assessed due to non-availability of data when this report was prepared. 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. 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 151,300 Lac BDT over nearly seven (7) years (August 3, 2015 to April 30, 2022). 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 80,590 Lac BDT (53.2%), followed by RAJUK at 50,150 Lac BDT (35.5%), DDM at 12,515 Lac BDT (8.3%) and PCMU at 4,530 Lac BDT (3%).

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

Implementation Agency (July 1, 2015 – April 30, 2022)	Total Cost	GoB	WB credit	Total (US\$ millions)
	(lac Tk.)	(lac Tk.)	(lac Tk.)	
DNCC	80,590 (100%)	1,455 (1.8%)	79,135 (98.2%)	US \$95
RAJUK	53,665 (100%)	3,515 (6.5%)	50,150 (93.5%)	US \$59
DDM	12,515 (100%)	965 (7.7%)	11,550 (92.3%)	US \$14
PCMU	4,530 (100%)	300 (6.6%)	4,230 (93.4%)	US \$5
Total	151,300 (100%)	6,235 (4.1%)	145,065 (95.9%)	US \$173

NB: Figures in parentheses indicate percentage

4.1 Overview of URP-wide Financial Status and Progress

Data on the financial progress of the URP during FY 2020-21 is provided in Table 4.2, which shows that all four (4) implementing agencies spent only 28,208.9 Lac BDT in 2020-21. This means that the project spent about 86% of its annual allocation of 32,790 Lac BDT and the remaining 4,581 Lac BDT (14%) was not spent. Distribution of financial progress across all IAs shows that RAJUK has achieved the highest progress at 96% followed by DNCC at 88.7%, and PCMU at 86%. Financial progress of DDM in FY 2020-21 was lowest at only 34.5%. Quarter-wise financial progress shows that overall URP financial progress in the initial quarters was low and as the number of quarters increases, the performance is getting better. For example, overall

financial progress in the first quarter was 51%, while in the second quarter it is getting somewhat better at 53%, in the third quarter it is getting substantially better at 72% and finally in the fourth quarter, the progress was the best at 134.7%. This trend is more or less true for all IAs.

Among the IAs, **RAJUK** is the pioneer in achieving its financial progress. In 2020-21, it has achieved the progress of 96% of its annual allocation. Out of its total annual allocation of 9,900 Lac BDT, RAJUK spent 9,496 Lac BDT. This means that RAJUK could not spend more than 4 (four) crore BDT of its allocated money in FY 2020-21. From the data presented in Table 4.02, it shows that RAJUK's financial performance across all quarters ranged from 90% to 118%.

DNCC, the largest implementing agency, spent 16,944.3 Lac BDT in FY 2020-21. This is near 89% of its annual allocation of 19,100 Lac BDT. Among the IAs, DNCC has shown the second-best financial progress after RAJUK. Quarterly distribution of financial progress highly uneven financial progress with 24% in the First Quarter, 38% in the Second Quarter, 60% in the Third Quarter and 166% in the Fourth Quarter. This is mainly due to the fact many of the payments were made in the last quarter of the FY 2020-21. Financial resources unspent in FY 2020-21 stood at slightly over 21.56 crore BDT.

PCMU, with respect to financial resources under its allocation, has spent 86% of its annual financial allocation of 890 Lac BDT. It also appears that PCMU could not burn slightly over 1.22 crore BDT in 2020-21. Quarter-wise distribution of financial progress shows that PCMU has achieved 100% progress in each of the 3 (three) initial quarters. But in the 4th Quarter, its progress has declined drastically to about 40%.

Table 4.2: Quarter Allocations and Expenditures of 1st~4th Quarter of FY 2020-2021

Implementing Agency		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TOTAL
DDM	Allocation	640	850	690	720	2,900
	Expenditures	145.9	242.5	127.9	484.0	1,001.3
	E/A Ratio %	23%	29%	19%	67%	34.5%
DNCC	Allocation	1,528	4,775	6,112	6,685	19,100
	Expenditures	373.1	1,827.3	3,636.7	11,107.2	16,944.3
	E/A Ratio %	24.4%	38.3%	59.5%	166.2%	88.7%
RAJUK	Allocation	850	2,250	3,650	3,150	9,900
	Expenditures	998.8	2,025.4	3,652.2	2,819.5	9,496
	E/A Ratio %	117.5%	90%	100%	89.5%	95.9%
PCMU	Allocation	39	123	526	202	890
	Expenditures	38.4	123.2	526.3	79.7	768.0
	E/A Ratio %	100%	100%	100%	39.5%	86.3%
TOTAL	Allocation	3,057	7,998	10,978	10,757	32,790
	Expenditures	1,556.2	4,218.4	7,942.6	14,490.4	28,208.9
	E/A Ratio %	50.9%	52.7%	72.4%	134.7%	86%

Note: All figures are given in Lac BDT.

DDM's financial performance is not up to the mark which was reported 35% in FY 2020-21, particularly in the three initial quarters (First, Second and Third Quarters at 23%, 29% and 19%

respectively). Financial progress of DDM, however, was up at 67% in the Fourth Quarter due to payment of bills for renovation of NDMRTI and ERCC along with procurement of equipment for DDM (Component A1). TED was discontinued due to COVID-19 and the Contract with TED Consultants (JV of REM and DTCL) was not renewed after November, 2020.

It's a good sign that despite COVID-19, URP has achieved an overall financial progress of 86% in the reporting period. It is predicted that RAJUK will keep the continuation of high financial progress since as most of its construction and field works are ongoing in full swing.

4.2 Cumulative Financial Progress of URP: June 2015 - June 2021

As of June-2021, a total of **105,609.00** lac BDT had been spent since the start of the URP back in June of 2015. This is about **70%** of the total approved cost of 151,300 Lac BDT (Table 4.3). The financial progress of the Project from July 2015 to June 2019 (that is, at the time the URP was "restructured") was only 32.5%.

Table 4.3: Overall Financial Progress of URP till June 2021

Implementing Agency Name	Total Approved Cost (RDPP) (in lac Tk.)	Total Expenditure (Up to June 2019)		Total Expenditure (Up to June 2020)		Total Expenditure (Up to June 2021)	
		In Lac Tk.	In (%)	In Lac Tk.	In (%)	In Lac Tk.	In (%)
DNCC	80,590	39,626	49%	55,331	69%	72,274	90%
RAJUK	53,665	6,692	12%	16,124	30%	25,620	48%
DDM	12,515	1,791	14%	4,420	35%	5,420	43%
PCMU	4,530	1,029	23%	1,526	34%	2,294	51%
Total	151,300	49,139	32%	77,401	51%	105,609	69.80%

Agency-wise progress is shown in the above table that DNCC has achieved the highest level of financial progress at over 90% of its total expected expenditures over the life of the Project, followed by PCMU at just under half i.e., 51%, RAJUK at 48%, and DDM lagging behind at 43% with little prospect for improvement before the end of the current period.

CHAPTER

5

Challenges and Opportunities

This chapter summarizes the challenges and opportunities faced during the past fiscal year. During that time, the **Covid-19 pandemic** was the most significant and persistent challenge facing the URP. As expected, the impacts of this virus are, and will continue to be, widespread and profound in changing the ways that we do business and how we carry out our tasks on a daily basis. This also complicates the set of other challenges that we have faced consistently throughout this Project.

In adapting to the pandemic, work has changed with new practices and protocols, including working remotely from home using electronic means of communications (that is, email and other 'messaging' services). The challenges we have faced earlier remain much the same as before. In addition, we mention other specific and emerging issues in this report to bring to the attention of URP decision makers.

5.1 Challenges posed by the Covid-19 Virus

The Covid-19 virus has posed unprecedented challenges to URP senior managers and project directors. Its impacts have been evident since March of 2020. The Government has had to shutter its offices several times with periodic lockdowns, and then has re-opened day-to-day operations in entirely new ways. There can be no doubt that the impacts of the COVID-19 virus have significantly and negatively affected IA performance and URP progress, and will likely continue to affect our ability to work efficiently for months, and possibly years, to come.

With utmost care, the URP's IAs (including the M&E team) have been forced to work remotely for the most part. Field work by contractors has been repeatedly delayed. After resolving design related issues that took much longer than necessary to finalize, construction activities of the URU building started in full swing last December 2020. All physical works for site mobilization were done and piling work was programmed to finish by the onset of monsoon. Thus, the initial start-up was delayed around two months due to some obstacles of site clearance and covid situation. Moreover, the rainy season is a continuing hindrance to earth excavation work, as was predicted by the contractor supervising construction of the URU building. **Therefore, M&E team is forecasting that the overall target to complete the physical work by the stipulated completion date next April will most likely not be met.**

Besides, RAJUK will require the approval of its request for additional budget and manpower to operationalize this new URU division from the Ministries of Finance and Public Administration. RAJUK also needs to persuade the Government to pass a new law establishing the URU as an autonomous entity apart from RAJUK's own organizational structure. At present, RAJUK's PIU has already finalized its proposal for Ministry approval, but this process will likely be a long and bureaucratic one given the impacts of the Covid-19 pandemic. Finally, delays in implementing **all** of the other sub-components under Component C (C-1 through C-4) have been seriously delayed. This casts serious doubts about whether this new URU division will be operationalized and possess the skills and knowledge needed to carry out the intended functions of those other sub-components, such as implementing the Electronic Construction Permitting System (ECPS) under C-2, establishing the Professional Accreditation Program for engineers, designers, and architects under C-3, and designing and implementing a credible and effective building construction inspection system under C-4. **We anticipate that all of these sub-components**

under Component C will also continue to be delayed by the Covid situation, and will not be implemented by next April.

Apart from that, organizing workshop and mobilizing the international consultants is still challenging due to the continuing impacts of Covid-19. Therefore, **launching of package S-7 (Electronic Construction and Permitting-ECP system) is also postponed** that was supposed to be completed by April 15, 2021.

The progress towards Construction of 18 Greenfield towers and 121 rooftop base stations for DNCC, DSCC, SCC and FSCD will be delayed since the tender closing date was extended due to the closing of banks and financial institutions due to Covid. Only few DMR networks have been installed, and the delivery of three (3) rescue boats under sub-component A-3 has also been delayed.

5.2 Importance of TED Program to achieving the Project Development Objective

The challenges regarding the Training, Exercises, and Drills (TED) program remain the same as has been stated in earlier reports. The TED Program was designed to improve the emergency response capabilities, preparedness, and readiness of multiple government agencies, principally Fire Service and Civil Defence (FSCD), but also other key stakeholders, involved in disaster and emergency preparedness and response. The TED Program was also supposed to provide training to make the EOC (Emergency Operational Center) and C&C (Command and Control Centers) fully functional. TED is an in-depth, long-term, and fundamental educational competency- and capacity-building program, which in the long run will provide Bangladesh with the emergency response competencies and organizational procedures and clear lines-of-command needed to effectively and efficiently prepare for and respond to disasters. The TED Program under Sub-component A-5 is managed by DDM. It was expected to conduct 63 trainings, and 13 drills & exercises for approximately 700 participants. The consortium of REM and DTCL were contracted to deliver the TED Program back in 2018.

Ending the TED Program contract with REM/DCTL last November 2020, has seriously impaired the Project's ability to claim that it successfully fulfilled the first two PDO-level "outcome" indicators to provide decentralized emergency response (ER) **services** in 45 wards of Dhaka (out of a total of 93 wards) and 20 wards (out of 26 wards) in Sylhet. While the ER system now has enhanced facilities and equipment, it still lacks the demonstrated capacities to effectively and efficiently use those resources and assets. Thus, it cannot provide the enhanced "services" required to effectively and efficiently respond to emergency events, as envisioned in the Project's 3rd PDO. Thus, this jeopardizes three of the four PDO indicators as well as the 6th and 7th Intermediate Results Indicators (IRIs).

5.3 World Bank's applicable Environmental and Social Safeguard Standards

The M&E team observed multiple instances of non-compliance with the World Bank's applicable Environmental and Social Safeguard Standards (ESS-1, ESS-2 & ESS-4) and EHS Guidelines, through a series of site visits, interviews with contractors and workers at the work site, and confirmed by photographic evidence.

In addition, there was ostensibly a Grievance Redress Committee (GRC) that RAJUK has established, but which did not meet due to the lack of having a Grievance Redress Mechanism (GRM) in place and functioning to address concerns, complaints, or questions by the public about the construction works underway. Nor has a Labor Influx Management System (LIMS)

been established to manage the influx of 60-70 workers on-site during construction. These are both issues that the M&E team has mentioned senior RAJUK PIU and URP managers about in previous reports. Despite those previous recommendation going back well over a year, no actions have been taken to correct the situation.

While some steps have been taken by RAJUK to address some of our concerns and comments, such as relocating labour sheds and installing a complaint box, although it was installed inside the work site where the public does not have access. However, corrective steps need to be taken to set up a functioning Grievance Redress Mechanism (GRM) and Committee (GRC) as well as a LIMS, as these are legal, contractual requirements of the World Bank, which is responsible for ensuring that those requirements are **all met at all times, and to take corrective action when there are incidents of non-compliance, as is the case now.**

5.4 Challenges in Operations & Maintenance (O&M) and their Implications for long-term Sustainability

Under the URP, hundreds of electronic 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. Various laboratory testing equipment including hardware and software has also been purchased by RAJUK. There are dozens of FSCD facilities that have been built and renovated under DNCC's management, such as command & control centres, emergency operational centres (EOC), warehouses, DRM offices, zonal control rooms, as well as the URU building under RAJUK's management. All of this equipment and facilities need to be operated and maintained properly to ensure their continued usefulness. With regularly scheduled training in their proper operation and maintenance, not only will they not function as intended following a disaster, but the country will have squandered this enormous investment.

However, 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.** In most cases, agencies don't have sufficient budgets to carry out the O&M and sometimes they don't even have sufficient or adequate spaces to house the equipment, or the required knowledge and practice in maintaining this expensive equipment. In addition, IAs most often appear to lack adequate manpower, technical 'know-how,' operational procedures, maintenance schedules, and functional capabilities to properly manage and maintain these large and dispersed inventories of state-of-the-art equipment and facilities. Thus, there is a very real possibility that this equipment and facilities will fall into misuse and disrepair, rendering them useless in emergencies. **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.**

5.5 Construction of RAJUK's URU building and implementation of its URU staff functions are unlikely to be completed by Project closing

After years of delays in first, contracting a design & supervision of construction (D&S) firm and then achieving an acceptable building design, construction of the URU building didn't start until last December 2020. Preparatory work to mobilize the construction firms and start pile-driving work began at that time, but more delays were experienced, causing excavation work on the 9-meter deep footprint of the building to take place during the onset of the monsoon season, resulting in further delays.

The earth excavation work was affected since the rain water reached the Deep Red Brown & Grey Terrace soils surface making the deeply weathered Madhupur or Piedmont clay. Though the rain water sheds were prepared by the contractor that supposed to help rebar fixing and concrete casting work of mat foundation to maintain the pace of work; the previous gap and current Covid-19 incident would still affect to meet the target schedule.

An 18-month contract (Works package for Phase I) was signed between RAJUK and the contractor on October 20, 2020 with a completion date of April 30, 2022. The M&E team was informed by the D&S firm that this timeframe is far too tight, especially given the Covid situation in Bangladesh and the coming monsoon season, for RAJUK to complete the building's construction within that timeframe.

Therefore, M&E team anticipates, based on inputs from the D&S firms, that the target completion date to finish physical works by the time the Project is scheduled to end next April, will not be met.

The current revised design calls for a two-level basement, 10-storey building with laboratory facilities and a shake-table to be located in an adjacent "auxiliary" building on the site. However, even this design has gone through a number of iterations, and currently, RAJUK is requesting the D&S firm to "re-design" and re-locate the laboratory building. Without the re-located new layout plan service piles for laboratory building cannot be started. The firm was refused to be paid to supervise the construction of the building unless the 'redesign' work is done. This issue needs to be resolved unless this will thus further delay work on the construction of the URU building that is already behind schedule and which is increasingly unlikely to be finished on-time (by April 30, 2022).

However, what is most striking about this situation is that the URU building will not contribute in any meaningful way to achieving the second part of the Project Development Objective (PDO) "... to strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet." The URU building, in and of itself, will not "reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet" because it has not sufficiently "strengthened [the] systems" that would allow the URU's new staff to carry out their intended functions. **These enhanced functions and capabilities were intended to be provided by each one of the six (6) distinct parts of Components B and C of the Project. However, none of these six "sub-components" have been satisfactorily implemented:**

- Under **Sub-component B-1** (vulnerability assessments of critical and essential facilities), there is still much work that needs to be done to carry out the 3-level assessment process (RVA, PEA & DEA). **17 out of 31 milestones that the M&E team is currently tracking as on-going are way behind schedule.** Work on the Detailed Engineering Analysis (DEA) are currently on-going and behind schedule, and given the current situation in Bangladesh due to Covid-19, that work **cannot be completed within less than one year.**
- Under **Sub-component B-2** (supporting the development of risk-sensitive land-use planning (RSLUP) practices in Dhaka), **four (4) milestones⁶ that the M&E team is currently tracking as on-going are behind schedule.**

⁶ These include: (i) Incorporation of the Strategic Environmental Assessment (SEA) in the Risk-sensitive land-use planning (RSLUP) process; (ii) Propose a comprehensive framework for mainstreaming disaster risk reduction (DRR) into the Dhaka metro area planning system, detailing the methodology and parameters for risk sensitive land-use planning; (iii) Obtain shear wave velocity profile from the indirect tests such as MASW, SASW, seismic refraction, reflection etc. so that the test results from the direct and indirect geophysical tests can be compared at the selective grid points. (Seismic Cone Penetration Test; (iv) Development of How-to guides with step-by-step approach and ample illustrations

- Under **Sub-component C-1**, no permanent staff have been institutionally established and trained to carry out their intended functions. All of the main outputs, including most importantly: URU Training Materials and Documentation; Capacity Building Program Report and URU Staff Training Report, and Monitoring and Evaluation Report; have been generated by the consulting firm (RTI-International), which was contracted to carry out this sub-component. Training has been severely impacted by the lack of adequate, permanent URU staff for the consulting firm to train.
- Under **Sub-component C-2**, due again to the lack of permanent hires to staff the URU, no capability has been created to implement the electronic construction permitting system (ECPS) once the consultants are no longer available to assist them.
- Under **Sub-component C-3**, RAJUK signed a contract to provide consulting services to create a Professional Accreditation Program in RAJUK with **the International Code Council (ICC)**. Thus far, only the **Inception Report** has been completed (in mid-May, 2021), which has not yet approved.
- Under **Sub-component C-4** (to improve enforcement of Bangladesh’s new National Building Code), the only “outputs” that have been developed by the consulting firm (ICC and its local partner) are reports that are only paper products, which have not been converted into real “outcomes” that have any noticeable impact “on the ground.”

5.6 Continuation of pending URP activities

The Urban Resilience Project was undertaken with the objective to: **a) strengthen the capacity of GoB to respond to emergency events and b) strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet**. The achievement of the 1st part of the objective (that is, “*to strengthen the capacity of GoB to respond to emergency events*”) is dependent on successfully completing activities under sub-components A-1 to A-5 being implemented by DDM and DNCC.

The achievement of the 2nd part of the objective (that is, “*... to strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet.*”) will only be achieved if the activities under Component B and C being implemented by RAJUK are successfully completed.

If we review the progress made up till date and project forward toward the end of the project in April 2022, we can foresee that while emergency response facilities and equipment were either built or procured, those ‘outputs’ have not been converted into the intended “outcomes” of having fully enhanced the Government’s capacity to respond to an emergency event. That is because the personnel in FSCD, DDM, and the three (3) city corporations have not been fully trained and cannot demonstrate their functional capabilities and operational lines of authority or “rules of engagement” through a series of exercises and drills (in other words, what the TED Program was intended to achieve). A descriptive analogy would be to have a race car, equipped with powerful fuel and instrumentation, but without a driver who knows how to drive the race car. In actuality, very little, completely inadequate, training, exercises or drills were taken under DDM’s management to operate these emergency operation centres, command and control rooms, emergency management warehouses, auxiliary control rooms, disaster risk management offices, zonal control rooms etc. to make them functional. Therefore, these

and examples aimed at helping/guiding planners in other cities and pourashavas to understand and strengthen the earthquake risk sensitivity of their physical development plans;

facilities and equipment will not be effectively deployed in an emergency situation if the personnel intended to operate and maintain them are not adequately trained and drilled in their proper use and maintenance. That is the situation we are currently in on this Project. **We cannot credibly argue that the URP has truly “strengthened the capacity of the GoB to respond to emergency events,” as stated in the Project Development Objective (PDO).**

In terms of the second half of the PDO to “*strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet,*” RAJUK is the sole implementing agency for both Component B and C of the URP. These two components are intended to achieve this part of the PDO. As we have stated before in this report, most of those tasks are still well behind schedule and not nearing their completion. In addition, we do not anticipate that RAJUK will finish any of its six sub-components under Components B or C, nor the separate “activity” of constructing the URU building by the end of April of next year.

Thus, RAJUK has also thus far failed to accomplish its intended purpose to “strengthen the systems” that will reduce the impacts of earthquakes on the built urban environment (that is, on buildings and essential public services like water and power), and to prevent ‘natural hazards’ from turning into ‘man-made disasters.’ That is, in other words, to be capable of conducting vulnerability assessments itself of disaster-prone areas of Dhaka (under B-1), or by developing an integrated risk-sensitive land-use planning (RSLUP) system and practices in Dhaka under B-2. Nor have they hired and trained the new staff of the URU under Sub-component C-1 to carry out its various functions, nor implemented an electronic construction permitting system (ECPS under C-2), nor developed a professional accreditation program under C-3, nor created a modern and credible building code enforcement mechanism under C-4.

We therefore believe that focusing the next phase of the URP on completing those tasks should be the aim of all parties involved given their importance to the very survival of the capital city and economic powerhouse of the country and its future development. We believe this is the appropriate decision-making time to undertake planning processes to formulate a revised strategy and managerial structure going forward in a 2nd URP phase.

CHAPTER

6

Recommendations and Conclusions

In this section, the conclusions reached by the M&E team for the entire 2020-2021 fiscal year are based on our findings of the results achieved, and our recommendations are aligned with those conclusions. While the Covid-19 pandemic has presented the Project with an enormous and unprecedented **challenge**, the “recommendations” of this section also represent enormous **opportunities** to “assess the pending tasks, redirect the scope of work remaining to be done, and restructure those work plans for the remainder of the project.” In this 13th QPR and 3rd Annual Report, we have formulated the following conclusions and recommendations based on the findings reported in previous chapters.

6.1 Sub-components A-1 and A-5 managed by DDM

Sub-component A-1 (to renovate and equip several floors inside DDM’s existing building in Dhaka as office space to house the ERCC and the NDMRTI), was originally scheduled to be finished by the end of the second (2nd) year of the Project’s implementation. We are now entering the 7th year of Project implementation. The initial renovation work that was belatedly started in late 2019 has finally been completed. However, what has been “completed” at long last is only an “output” of renovated office space and is **not** the intended “outcome” of having a functioning ERCC and NDMRTI. Therefore, we recommend that DDM finish its work to make the ERCC and NDMRTI fully functional and operational by installing Emergency Communication Technology (ECT) equipment and a back-up power system so that they can operate immediately following a disaster.

Regarding the discontinuation of the TED Program under Sub-component A-5, three of the four PDO Indicators (the 1st, 2nd & 4th PDOIs) are either completely or significantly affected, as well as several Intermediate Results Indicators (IRI6 & 7). **The TED Program is indispensable to achieving the first part of the overall PDO** (that is, “to strengthen the capacity of Government of Bangladesh agencies to respond to emergency events”). **Without a fully executed TED Program, it is simply not plausible to argue that the first part of the PDO has been satisfactorily achieved because the personnel responsible for responding to a disaster have not been adequately trained.**

Therefore, given the seriousness of not having implemented Sub-component A-5, **we strongly recommend that the TED Program be restarted** during the proposed 18-month extension period of the 1st phase of the URP, and continued as the highest priority in a possible 2nd phase of the URP. We also recommend DDM closely collaborate with FSCD to further assess and incorporate their requested needs into the TED curriculum. FSCD has already selected 10 groups of “mid-level urban search & rescue (USAR) teams” to get INSARAG (International Search and Rescue Advisory Group) training and certification. Along with the operational training needed to ensure the proper functioning of the various facilities established by DNCC under sub-component A-2, TED is significantly required for FSCD to get the international accreditations (e.g., INSARAG) they were intended to obtain in the URP’s Project Appraisal Document (PAD) or in DDM’s Development Project Proposal.

As proposed by DDM, which was agreed in the Project Steering Committee that DDM will resolve the financial issues with REM associate first and simultaneously move for single source selection contract process with the UNDP (UNDP) as per rule to resume the TED Program subject to the approval from the World Bank.

The M&E team believe that some training should be provided to local civil society or faith-based (i.e., religious leaders) groups under a revised and enhanced TED Program. It has been shown from real-life experiences during natural or man-made disasters that people in the immediate area or community are the first to try and save the lives of their families and neighbours before 'official' government assistance arrives. We believe that they should also be trained and equipped to act as first responders to carry out search-and-rescue efforts immediately following a disaster. This could be done in another restructuring of the URP through an extension of its existing duration, if feasible, or during the next phase of the URP.

6.2 Sub-components A-2, A-3, and A-4 managed by DNCC

The M&E team has very few "recommendations" *per se* to make here with regard to DNCC's implementation of its role in the URP. It has done an outstanding job except for some inconsistencies in its financial reporting. However, as 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 year of its implementation**, and the importance of rectifying this situation cannot be overstated.

While state-of-the-art equipment has been procured and emergency response facilities have been built, an Urban Resilience Unit (URU) are established within RAJUK, **the Project needs to create adequate and on-going budgets and training to sustain the operational effectiveness of those 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.**

As discussed in the Project Steering Committee meetings, the M&E team has recommended earlier those measures be taken to ensure that purchased equipment under the URP be listed in Tables of Organogram and Equipment (TO&E) of the GoB 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 DDM in order to assess any remaining gaps in equipment or facilities.

6.3 RAJUK's management of construction and operationalization of Urban Resilience Unit (URU) Building and its relevance to achieving the PDO

In previous chapters we have already discussed our concerns at length about the delays that have been experienced in the design and construction of RAJUK's URU building as well as the lack of internalization of the key functions and competencies of its planned URU staff that were intended to be strengthened and supported by the four sub-components of Component C of the URP. This will remain a major challenge for the URP's implementation in this current 1st phase as well as in future potential phases.

RAJUK needs to emphasis the development and strengthening of those other systems, such as conducting multi-hazard risk assessments and prioritization of building safety as well as putting risk sensitive land-use planning (RSLUP) practices into place under Component B. Under Component C, they need to create permanent personnel to form the core of their new

URU staff under C-1; they need to be capable of implementing the electronic permitting system under C-2, creating a professional accreditation program under C-3, and improving building code enforcement of the new BNBC under C-4. These are the “strengthened systems” that would allow RAJUK to fulfil its responsibilities and obligations to reduce the risks of building collapse and disruption of critical infrastructure in urban centres. These capabilities are at the heart of it satisfactorily achieving its part of the PDO.

None of the intended outcomes will be achieved unless the URU staff is operationalised. We strongly recommend that the organogram of the URU and its staff be finalised and approved by RAJUK authorities and relevant ministries. We do not think it is realistic to complete this task by the end of next April (2022) given the PIU’s past performance and the existing bureaucratic system and working modalities of RAJUK. If not, then that task should be undertaken in the 2nd phase of the URP to focus on operationalizing RAJUK’s URU staff’s capabilities to carry out those tasks and functions. This, coupled with implementing an enhanced TED Program, and providing key personnel with training in the operation and maintenance (O&M) of equipment and facilities, will ensure the sustainability of the URP’s investments and the achievement of the URP’s development objectives.

6.4 Ensure the Environmental and Social Safeguard Standards in the URU construction

RAJUK needs to be actively monitoring and reporting on the compliance of the URU building’s construction with the World Bank’s environmental and social safeguards (ESS-1, 2 & 4). This is a key aspect of its obligation under the URP contract with the Bank, which is partially and not fully in compliance at present. This is an important legally binding part of the agreement reached between the Bank and the GoB that requires immediate corrective actions to be taken. The M&E team will continue to monitor the situation now that construction is underway, despite the difficulties imposed by the Covid lockdown, and will report on them further in each quarterly progress report. Therefore, it is now up to senior URP leadership and the Bank, having been advised of instances of non-compliance, to take immediate corrective actions.

The Project Steering Committee also mentioned in its last PSC meeting minutes (dated June 23, 2021) that RAJUK will take steps necessary to ensure that the URU construction is done in compliance by implementing a functional LIMS (Labor Influx Monitoring System), and GRM (Grievance Redress Mechanism) and that a functional GRC (Grievance Redress Committee) is in place. The M&E team will continue to monitor the situation, and report on our findings in the next quarterly progress report (14th QPR).

6.5 Project Coordination and Monitoring by PCMU

The role of the Project Coordination and Monitoring Unit (PCMU) in the URP, as described in the World Bank’s Project Appraisal Document (PAD, 2015), was to develop mechanisms to track and analyze the Project’s progress and performance by managing the M&E team. In addition, the M&E team is responsible for monitoring compliance with the Bank’s applicable safeguard and fiduciary requirements, and to conduct an independent mid-term review and end-of-project evaluation.

In its role as defined, PCMU has carried out its charges satisfactorily in the past fiscal year by facilitating the work of the M&E team, and by coordinating the review and validation meetings described in detail in chapters 2 and 3. However, the objective clause in the previous sentence was “*in its role as defined*” in the PAD. We believe that its role has been too narrowly defined,

and we have concluded that PCMU should take a more assertive role in the implementation of the PSC's decision and provide more leadership of the other IAs.

The M&E team therefore recommends that PCMU could update the PSC on corrective actions that have been taken by itself or other IAs to implement the decisions of the PSC reached at the conclusion of every meeting. We believe that this type of more assertive follow-up will help assure that *effective actions* are taken by IAs in response to the decisions of the PSC. To make this happen, PCMU needs more authority to force better performance by IAs. To do so, it needs to be strengthened with more resources and staffing so that coordination and monitoring of the URP becomes feasible. With more centralized and directed management of the Project's implementation by PCMU, senior managers and decision-makers can more accurately assess the current situation and make better decisions to guide the Project toward a more successful conclusion.

Finally, we recommend that in order to speed up the pace of Project implementation and make up for lost time due to the Covid-19 pandemic, PCMU should proactively lead the 18-month extension process that was reflected in the World Bank's last *Implementation Support Review Mission's Aide Memoire of April 4-26, 2021*.

Annexes

Annex 1	URP Results Framework
Annex 2	Summary of Monitoring Status Report Milestones for entire URP
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 I: URP Results Framework

Project Development Objective Indicators						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Wards with decentralized emergency response services in Dhaka (DNCC/DSCC jurisdiction)	Number	Value	0.00	45.00	68.00	68.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Warehouses partially equipped with SAR and some ECT Kits. Number of wards where corresponding zonal offices are equipped with ECT kits and are at least within five kilometers radius of at least one emergency management warehouse or one equipped FSCD control room	Warehouses of DNCC and DSCC are equipped with SAR kits but the ECT is still in the process of installation.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	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-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Revised Targets of wards already achieved as Warehouses equipped with SAR and some ECT Kits.	Warehouses are equipped with SAR kits but the ECT is still in the process of installation.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Increased capacity of officials and emergency management response personnel	Text	Value	N/A	N/A yet	N/A yet	Baseline +3
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2a021	30-Apr-2022
		Comments		Training program under TED launched on November 24, 2019 & total 296 GOB officials trained. Later, TED postponed since March 2020.	TED contract ended on last November 2020. Financial settlement pending.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Systems established to reduce vulnerability of new buildings	Number	Value	0.00	0.00	0.00	4.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022

		Comments		Work on all four “systems” is in progress.	Systems (URU, ECPS, PAP, RSLUP) are not yet established. Work on-going and delayed for COVID.	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 also the new system, Risk Sensitive Land Use Planning Practice.
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Intermediate Results Indicators

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

Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
DDM facilities renovated (ERCC, NDMRTI)	Number	Value	0.00	0.00	2.00	2.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		All construction work has been completed. ECT suits yet to import by DNCC to renovate NDMRTI and ERCC	All construction work has been completed. ECT suits yet to import and install by DNCC	The end date was revised during the restructuring
FSCD facilities constructed and/or renovated	Number	Value	0.00	28.00	28.00	28.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Revised target achieved.	Revised target achieved.	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.
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-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Revised Targets already achieved.	Revised Targets already achieved.	Number of facilities revised as per institutional requirements from 26 to 30.
DDM/DNCC/DSCC/SCC/FSCD and Satellite Control Room facilities equipped with ECT suites and/or kits	Number	Value	0.00	22.00	22.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments				

		Comments		More than 22 “flyaway” comm kits are in place now; but those are not yet equipped. We are still working with DNCC to determine the exact number of “flyaway” comm kits arrived.	???	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 (Previous)	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-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Revised target already achieved. (11 Dhaka, 2 Sylhet)	Revised target already achieved.	Number of emergency management warehouses equipped revised from 12 to 13 as per institutional requirement.
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Multi-agency exercises and drills completed	Number	Value	0.00	1.00	1.00	12.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Only one USAR training completed in March 08-12, 2020 where 16 participants from FSCD attended. No further progress since previous update due to the fact that TED postponed since March 2020.	TED contract ended on November 2020	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Training sessions to government officials and emergency management personnel delivered	Number	Value	0.00	8.00	8.00	40.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		1st set of 8 trainings completed. Dhaka-06 (participants = 216) & Sylhet-02 (participants=80). No further progress since previous update due to the fact that TED postponed since March 2020	TED contract ended on November 2020	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.

Component B: Vulnerability Assessment of Critical and Essential Facilities

Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Identified and prioritized critical and essential facilities and lifelines for	Percentage	Value	0.00	65.00	100.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022

Dhaka		Comments		Field works for 5 million square meter RVA was completed. Reporting is pending for 1 million sq. meter out of 5 million sq. meter of RVA.	Field works for 5 million square meter RVA was completed. Reporting of RVA of all the 5 million sq. meter building were also finished and approved in mid-January 2021.	
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Vulnerability of prioritized critical and essential facilities and lifelines assessed for Dhaka	Percentage	Value	0.00	45.00	65.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		0.5 million square meters PEA completed out of 1 million sq. meter.	0.5 million square meters PEA completed with reporting while the field works of the remaining PEA (another 0.5 million square meters) were also finished. The report has been submitted and approval is pending. DEA for 0.25 million sq. meter has been started out of 0.4 million sq meter.	
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Vulnerability reduction strategy and program for Dhaka developed	Yes/No	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		The relevant intervention will follow DEA completion including detail design and remaining critical infrastructure assessment. Works for DEA is yet to start.	Waiting for the completion of DEA of all 0.4 million sq. meter building to prepare vulnerability reduction strategy.	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 (Previous)	Actual (Current)	Target
Risk-sensitive land use planning practice for Dhaka developed	Percentage	Value	0.00	40.00	70.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Situation Analysis and SEA are completed (Stage-1). Geotechnical survey, Hazard-Risk Analysis & RSLUP Development ongoing (Microtremor tests, SPT, CPT, SDHT, SCPT) Stage-2).	SAR and SEA are completed (Stage-1). Geotechnical survey, Hazard-Risk Analysis & RSLUP Development ongoing (Microtremor tests, SPT, CPT, SDHT are finished, only SCPT on-going). Geotechnical and Geological Analysis, Modeling as well as preparatory works for Risk Sensitive Land Use Strategy are on-going (Stage-2).	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 (Previous)	Actual (Current)	Target

E-Permits for construction issued by RAJUK	Text	Value	0.00	0.00	0.00	Baseline + 30%
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		In-house Testing (IHT) & User Acceptance Test (UAT) were completed. Operational Acceptance Test (OAT) and launching of ECPS is pending.	All the development works with laboratory and user tests are completed and only the launching of ECPS is pending to be functional which is delayed for COVID pandemic.	The system is scheduled to be deployed by April 2020 including baseline determination. The progress is set to be counted from the deployment till April 2022.
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Urban Resilience Unit facility of RAJUK constructed	Percentage	Value	0.00	0.00	15.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Shore piling completed, Test Piling as well as construction of Service pile is ongoing.	Earth excavation and pile breaking works are finished. Works for Mat foundation, grade beam and Rebar fixing are on-going.	
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Urban Resilience Unit facility of RAJUK equipped with laboratory and field-testing equipment	Percentage	Value	0.00	60.00	70.00	100.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Vendor Trainings for most of the delivered equipment have been completed.	Delivery and Installation are done of few goods packages.	
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	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-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		Proposed program for the implementation and enforcement has been developed.	Proposed program for the implementation and enforcement has been approved. Training and Capacity building Report as well as Education and Outreach Campaign are on-going.	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 (Previous)	Actual (Current)	Target
Professional Accreditation Program developed and/or strengthened	Text	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022

		Comments		Consultant became on-board from March 1, 2021. Preparation of Inception Report is on-going.	Inception Report was submitted while approval is pending. Demand Analysis Study Report is under preparation.	This indicator was revised. Defined further detail during implementation. For Structural Engineers the professional accreditation program will be developed, for other major engineering disciplines (mechanical, electrical), architects, and planners, the current accreditation will be strengthened.
Component D: Project Coordination, Monitoring, and Evaluation						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Monitoring Reports produced	Number	Value	0.00	13.00	15.00	18.00
	Sub Type	Date	31-May-2015	31-Mar-2021	30-Jun-2021	30-Apr-2022
		Comments		As of March 2021, the M&E team submitted 11 QPR and 2 APR in total.	As of July 2021, the M&E team submitted 12 QPR and 3 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

13th Quarter 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
A1 (DDM): Renovate and equip ERCC & NDMRTI	0	2	0	0	0	0	2
A2 (DNCC): Design, Build and Outfit of DNCC, DSCC and FSCD by DRM Facilities	0	1	0	1	0	0	2
A3 (DNCC): Supply & Installation of Specialized ICT Equipment for FSCD and City Corporation	0	2	0	7	0	0	9
A4 (DNCC): Supply Specialized Search and Rescue Equipment	0	0	0	1	0	0	1
A5 (DDM): Enhance the capacity through TED of city corporations and FSCD	0	0	0	0	0	0	0
B1 (RAJUK): Vulnerability assessment of critical and essential facilities and lifelines	0	1	0	17	0	2	20
B2 (RAJUK): Risk sensitive land use planning practice in Dhaka	0	3	0	4	0	6	13
C1 (RAJUK): Create and operationalize the Urban Resilience Unit (URU)	0	2	0	7	0	0	9
C2 (RAJUK): Establish an Electronic Construction Permitting System	0	5	0	3	0	0	8
C3 (RAJUK):	1	0	0	2	0	6	9

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
Set Up a Professional Accreditation Program for Engineers							
C4 (RAJUK): Improve Building Code Enforcement BNBC	0	0	2	0	0	4	6
URU Building (RAJUK) with Lab equipment	0	2	1	3	3	3	12
D (PCMU): Project Coordination, Monitoring and Evaluation	3	1	1	0	0	3	8
Total	4	19	4	45	3	24	99

**Summary Table of Annual Total since July 2020 to June 2021
with projection up to December 2021**

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Sub-total
A1 (DDM): Renovate and equip ERCC & NDMRTI	0	2	0	0	0		2
A2 (DNCC): Design, Build and Outfit of DNCC, DSCC and FSCD by DRM Facilities	0	4	1	1	0		7
A3 (DNCC): Supply & Installation of Specialized ICT Equipment for FSCD and City Corporation	0	18	0	7	0		31
A4 (DNCC): Supply Specialized Search and Rescue Equipment	0	0	0	1	0		1
A5 (DDM): Enhance the capacity through TED of city corporations and FSCD	0	0	0	0	0		0
B1 (RAJUK): Vulnerability assessment of critical and essential facilities and lifelines	0	7	0	17	0		31
B2 (RAJUK): Risk sensitive land use planning practice in Dhaka	4	4	0	4	0		21
C1 (RAJUK): Create and operationalize the Urban Resilience Unit (URU)	0	5	0	7	0	0	12
C2 (RAJUK): Establish an Electronic Construction Permitting System	0	7	0	3	0	0	10

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	6 Month projection	Sub-total
C3 (RAJUK): Set Up a Professional Accreditation Program for Engineers	1	3	0	2	0	9	15
C4 (RAJUK): Improve Building Code Enforcement BNBC	0	3	2	0	0	5	10
URU Building (RAJUK) with Lab equipment	7	9	1	3	3	5	28
D (PCMU): Project Coordination, Monitoring and Evaluation	8	11	1	0	0	5	25
Total	20	73	5	45	3	47	193

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

SL	Description	DNCC					DSCC			FSCD										SCC		Facilities proposed in DPP	Facilities undertaken		
1	Command & Control room	-	-	-	-	-	-	-	-	-	-	-	Mirpur-10	-	-	-	-	-	-	-	-	South Surma,	-	2	2
2	DNCC Warehouse	Zone-1, Uttara	Zone-2, Mirpur-2	Zone-3, Mohakhali	Zone-4, Mirpur-10	Zone-5, Kawranbaza	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
3	DSCC Warehouse	-	-	-	-	-	Zone-2, Khilgoan	Zone-3, Azimpur	Zone-5, Saidabad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3
4	FSCD Warehouse-Dhaka (Small)	Sadarghat	Postagola	Demra	Khilgoan	Hazaribagh	Kalyanpur	Tejgoan	Diabari, Uttara	Tongi	Savar	-	-	-	-	-	-	-	-	-	-	-	-	10	10
5	FSCD Warehouse-Sylhet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	South Surma,	-	2	2
6	FSCD Warehouse-Dhaka (Large)	-	-	-	-	-	-	-	-	-	-	Mirpur-10	-	-	-	-	-	-	-	-	-	-	-	1	1
7	Auxiliary Control Room (Dhaka & Sylhet)	Zone-1, Uttara	Zone-2, Mirpur-2	Zone-3, Mohakhali	Zone-4, Mirpur-10	Zone-5, Kawranbaza	Zone-2, Khilgoan	Zone-3, Azimpur	Zone-5, Saidabad	Sadarghat	Postagola	Demra	Khilgoan	Hazaribagh	Kalyanpur	Tejgoan	Diabari,	Tongi	Savar	Mirpur-10	South Surma (2),	-	19	21	

SL	Description	DNCC					DSCC			FSCD										SCC		Facilities proposed in DPP	Facilities undertaken	
8	DRM Office (DNCC, DSCC & SCC existing building)	Zone-1, Uttara	Zone-2, Mirpur-2	Zone-3, Mohakhali	Zone-4, Mirpur-10	Zone-5, Kawranbaza	Zone-2, Khilgoan	Zone-3, Azimpur	Zone-5, Saidabad	-	-	-	-	-	-	-	-	-	-	-	-	-	3	8
9	EOC (DSCC & SCC building)	-	-	-	-	-	-	DSCC Building	-	-	-	-	-	-	-	-	-	-	-	-	SCC Building	-	2	2
10	Satellite Control Room	DCC	RAZUK	Deputy Commissioner	Police Commission	Ansar & VDP	Dhaka WASA	BTCL	DGHS	AFD	TITAS GAS	Anjuman E Mafidul	Red Crescent Society	DESCO	-	-	-	-	-	-	-	-	13	Construction Not Started
11	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-2, Khilgoan	Zone-3, Azimpur	Zone-5, Saidabad	-	-	-	-	-	-	-	-	-	-	-	-	-	10	8
12	Urban Resilience Unit (SCC building)	-	-	-	-	-	-	DSCC Building	-	-	-	-	-	-	-	-	-	-	-	-	-	SCC Building	1	2

Annex-4: Quarterly Physical and Financial Progress Monitoring Template

(In Lakh TK.)

Component		Fiscal Year (July 2020-June 2021)																				
		1st Quarter (Jul-Sept 20)					2nd Quarter (Oct-Dec 20)				3rd Quarter (Jan-Mar 21)				4th Quarter (Apr-Jun 21)				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		
1. Component A: (DDM Part) Reinforcing the country's Emergency Management Response Capacity	Target	640.00	40.00	600.00	5.11%	850.00	50.00	800.00	6.79%	690.00	40.00	650.00	5.51%	720.00	50.00	670.00	5.75%	2900.00	180.00	2720.00	23.17%	
Component A1: Renovate and equip ERCC & NDMRTI with basic office equipment	Achievement (Phy. Progress as the Percentages of total project)	111.29		111.29	0.89%	175.73		175.73	1.40%	74.32		74.32	0.59%	380.03		380.03	3.04%	741.37	0.00	741.37	5.92%	
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%	0.00			0.00%	0.00			0.00%	0.00	0.00	0.00	0.00%	
Establishment of PIU of URP: DDM Part and operational expenditure of PIU		34.61	16.20	18.41	0.28%	66.80	21.06	45.74	0.53%	53.59	18.54	35.05	0.43%	103.94	33.36	70.58	0.83%	258.94	89.16	169.78	2.07%	
Others (Please specify if any)					0.00%				0.00%				0.00%				0.00%				0.00%	
Sub-Total of A (DDM part):			145.90	16.20	129.70	1.17%	242.53	21.06	221.47	1.94%	127.91	18.54	109.37	1.02%	483.97	33.36	450.61	3.87%	1000.31	89.16	911.15	7.99%

Component		Fiscal Year (July 2020-June 2021)																				
		1st Quarter (Jul-Sept 20)					2nd Quarter (Oct-Dec 20)				3rd Quarter (Jan-Mar 21)				4th Quarter (Apr-Jun 21)				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		
2. Component A: (DNCC part) Reinforcing the country's Emergency Management Response Capacity	Target	1528.00	25.00	1,503.00	1.90%	4775.00	25.00	4,750.00	5.93%	6112.00	25.00	6,087.00	7.58%	6685.00	25.00	6,660.00	8.30%	19100.00	100.00	19000.00	23.70%	
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)	7.37		7.37	0.01%	12.26		12.26	0.02%	39.36		39.36	0.05%	132.57		132.57	0.16%	191.56	0.00	191.56	0.24%	
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		311.84		311.84	0.39%	1731.17		1731.17	2.15%	3432.86		3432.86	4.26%	10812.26		10812.26	13.42%	16288.13	0.00	16288.13	20.21%	
Component A4: Supply Specialized Search and Rescue Equipment.		0.00			0.00%	0.00		0	0.00%	0.00			0.00%	0.00			0.00%	0.00	0.00	0.00	0.00%	

Component		Fiscal Year (July 2020-June 2021)																								
		1st Quarter (Jul-Sept 20)					2nd Quarter (Oct-Dec 20)					3rd Quarter (Jan-Mar 21)					4th Quarter (Apr-Jun 21)					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: DNCC Part and operational expenditure of PIU		53.88	8.58	45.3	0.07%	83.90	17.82	66.08	0.10%	163.93	7.88	156.05	0.20%	162.34	19.51	142.83	0.20%	464.05	53.79	410.26	0.58%					
Sub-Total of A (DNCC part):		373.09	8.58	364.51	0.46%	1827.33	17.82	1809.51	2.27%	3636.15	7.88	3628.27	4.51%	11107.17	19.51	11087.66	13.78%	16943.74	53.79	16889.95	21.02%					
Component B: (Raiuk part) Vulnerability Assessment of Critical and Essential Facilities and Lifelines Component-C: (Raiuk part) Improved Construction, Urban Planning and Development	Target	850.00	150.00	700.00	2%	2250.00	150.00	2100.00	4%	3650.00	150.00	3500.00	7%	3150.00	150.00	3000.00	6%	9900.00	600.00	9300.00	18%					
Component-B1: Conduct a vulnerability assessment of critical and essential facilities and lifelines	Achievement (Phy. Progress as the Percentages of total project)	0.00			0%	0.00			0%	1760.18		1760.18	3%				0%	1760.18	0.00	1760.18	4%					
Component-B2: Support the development of a risk sensitive land use planning practice in Dhaka		0.00			0%	670.30		670.30	1%	323.78		323.78	1%	0.00		0.00	0%	994.08	0.00	994.08	2%					
Sub-Total of B (Raiuk part):		0.00	0.00	0.00	0%	670.30	0.00	670.30	1%	2083.96	0	2083.96	4%	0	0	0	0%	2754.26	0.00	2754.26	6%					

Component		Fiscal Year (July 2020-June 2021)																				
		1st Quarter (Jul-Sept 20)				2nd Quarter (Oct-Dec 20)				3rd Quarter (Jan-Mar 21)				4th Quarter (Apr-Jun 21)				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		
4. Component-C: (Rajuk part) Improved Construction, Urban Planning and Development	Target	0.00			0%				0%	0.00			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)	817.06		817.06	2%	1150.00		1150	2%	1015.58		1015.58	2%	0			0%	2982.64	0.00	2982.64	7%	
Component-C2: Establish an Electronic Construction Permitting System		0.00			0%	0			0%	0.00			0%	0			0%	0.00	0.00	0.00	0%	
Component-C3: Set Up a Professional Accreditation Program for Engineers, Architects and Planners		0.00			0%				0%	0.00			0%					0%	0.00	0.00	0.00	0%
Component-C4: Improve Building Code Enforcement with Rajuk Jurisdiction		0.00			0%				0%	306.48		306.48	1%	0				0%	306.48	0.00	306.48	1%
Establishment of PIU of URP: Rajuk Part and operational expenditure of PIU		181.78		181.78	0%	205.13	106.93	98.2	0%	246.18	80.28	165.9	0%	0				0%	633.09	187.21	445.88	1%
Others (Please specify if any)					0%				0%				0%					0%	0.00	0.00	0.00	0%

Component		Fiscal Year (July 2020-June 2021)																			
		1st Quarter (Jul-Sept 20)				2nd Quarter (Oct-Dec 20)				3rd Quarter (Jan-Mar 21)				4th Quarter (Apr-Jun 21)				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 C (Rajuk part):		998.84	0.00	998.84	2%	1355.13	106.93	1248.2	3%	1568.24	80.28	1487.96	3%	0	0	0	0%	3922.21	187.21	3735.00	9%
Total of B and C (Rajuk part)		998.84	0	998.84	1.86%	2025.43	106.93	1918.5	3.77%	3652.2	80.28	3571.92	6.81%	2819.49	37	2782.49	0	9495.96	224.21	9271.75	22%
5. Component-D: (PCMU part) Project Coordination, Monitoring and Evaluation (Implemented by PCMU)	Target	38.83	7.97	30.86	0.86%	123.17	7.27	115.90	2.72%	526.32	9.93	516.39	11.62%	201.68	24.75	176.93	4.45%	890.00	49.92	840.08	19.65%
Goods, Non-consulting service and Consulting Services	Achievement (Phy. Progress as the Percentages of total project)	31.16	0.82	30.34	0.69%	100.92		100.92	2.23%	515.63		515.63	11.38%	65.59		65.59	1.45%	713.30	0.82	712.48	15.75%
Establishment of PIU of URP: PCMU Part and operational expenditure of PIU		7.67	7.15	0.52	0.17%	22.25	7.27	14.98	0.49%	10.69	9.93	0.76	0.24%	14.06	14.06		0.31%	54.67	38.41	16.26	1.21%
Sub-Total		38.83	7.97	30.86	0.86%	123.17	7.27	115.90	2.72%	526.32	9.93	516.39	11.62%	79.65	14.06	65.59	1.76%	767.97	39.23	728.74	16.95%

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	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/ 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
Works Contract																		
1	URP-DNCC/W-1.1	Build FSCD Command and Control Room over newly constructed warehouse (vertical extension of 1st & 2nd floor of newly constructed warehouse at FSCD Compound, Mirpur-10, Dhaka.)	Nos.	1	964.68	859.22	OTM (NCT)		No		4-Apr-18		28-May-18	31-Dec-18	30-Sep-19	Confidence Steel Ltd.	70%	Work is ongoing.
2	URP-DNCC/W-1.2	Construction of FSCD Command & Control Center including Warehouses at South Surma, Sylhet.	Nos.	3	771.12	694.01	OTM (NCT)		No				29-Mar-18	31-Dec-18	30-Sep-19	Belal & Brothers.	60%	Work is ongoing.
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 bhaban, Sylhet)	Nos.	1	296.62	265.12	OTM (NCT)		No		22-Apr-18		28-May-18	9/30/2018, 12/31/2018	30-May-19	Nirman & Fardin(JV)	60%	Work is ongoing.
4	URP-DNCC/W-2.2	Building Emergency Operating Centre (EOC), DRM Office and Urban Resilience Unit at DSCC, Dhaka.	Nos.	1	152.70	135.75	OTM (NCT)		No		15-Oct-18		18-Nov-18	30-Mar-19	6-Aug-20	M/S Nirman Prokausholy	10%	Work is ongoing.
5	URP-DNCC/W-2.3	Construction of Emergency Operating Centre (EOC) at DNCC, Dhaka.	Nos.	1	255.99	228.86	OTM (NCT)		No		11-Nov-19		22-Dec-19	21-May-20	30-Jun-20	M/S Nirman Prokausholy	100%	Work is Completed.
6	URP/DNCC/W-3.1	Construction of 13 Warehouses at FSCD.	Nos.	11	849.89	908.046	OTM (NCT)		No		26-Jan-17		24-Apr-17	3/31/2018, 9/30/2018	30-Sep-18	M/S. Belal & Brothers	100%	Work completed. (11 Nos.)
7	URP-DNCC/W-3.2	Construction of 5 Warehouses at DNCC	Nos.	5	426.13	500.94	OTM (NCT)		No		18-Dec-16		7-Feb-17	6-Jun-17	31-Dec-17	M/S. S. M Construction	100%	Work completed.
8	URP-DNCC/W-3.3	Construction of 3 Warehouses at DSCC	Nos.	3	266.43	286.54	OTM (NCT)		No		19-Dec-16		2-Mar-17	11-Jul-17	31-May-18	M/S. S. M Construction	100%	Work completed.
9	URP-DNCC/W-3.4	Erection and Fabrication of Signboard at emergency warehouse of City corporation.	Nos.	8	10.00	6.11	OTM (NCT)		No				28-Jun-18	27-Jul-18	27-Jul-18	M/s. Syam Enterprise	100%	Work completed.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date				
10	URP-DNCC/W-3.5	Erection and Fabrication of Signboard at emergency warehouse of FSCD.	Nos		10.00	7.62	OTM (NCT)		No				15-Oct-18	N/A	14-Nov-18	M/S. Biuld Connection	100 %	Work completed.	
11	URP-DNCC/W-3.6	Construction of Security fence (Grill) inside and outside the warehouse of DNCC.	Nos	5	10.00	9.64	OTM (NCT)		No				15-Oct-18	N/A	24-Nov-18	M/S. Ayan Construction	100 %	Work completed.	
12	URP-DNCC/W-3.7	Construction of Security fence (Grill) inside and outside the warehouse of DSCC.	Nos	3	10.00	7.18	OTM (NCT)		No				5-Dec-18	N/A	25-Dec-18	M/S. Enovation Construction	100 %	Work completed.	
13	URP-DNCC/W-4.1	Construction of Greenfield Tower at DNCC, DSCC and SCC.	Nos	8	920					21-Apr-21								Tender Floated on 21 March, 2021	
14	URP-DNCC/W-4.2	Construction of Greenfield Tower at FSCD	Nos	10	1150					21-Apr-21								Tender Floated on 21 March, 2022	
Goods Contract (Specialized ICT Equipment)																			
1	URP-DNCC/ G-1.1	Procurement of Specialized ICT Equipment (VHF & HF Radio Terminals and related Installations) for FSCD (Lot-1: VHF)	Nos		1363.4	520.26	OTM (ICB)		Yes				21-May-18	11/20/2018, 01/31/2019	6-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)	Nos		3456.8	2571.31	OTM (ICB)		Yes				30-May-18	11/29/2018, 01/31/2019, 03/14/2019	11-Apr-19	Codan Ltd., Austrilia (Core Corporation)	100 %	Work completed. 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)	Nos		1009.36	392.52	OTM (ICB)		Yes				17-Oct-18	16-Apr-19	18-Sep-19	Novatel Haber Lesme Cozumleri A.S, Turkey	100 %	Work completed. LC opened on 17/11/18, L.C Amendment 26/6/2019, Shipment done on 28/7/2019

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
4		Procurement of Specialized ICT Equipment (VHF and HF Radio Terminals and Related Installations) for DNCC, Lot-2(HF)	Nos.		912.00	690.14	OTM (ICB)		Yes				22-Oct-18	21-Apr-19	N/A	Codan Ltd., Australia (Core Corporation)	Canceled	Canceled for BTRC not permitted HF Allocation. (LC opened on 12/11/18)
5	URP-DNCC/ G-1.3	Procurement of specialized ICT Equipment (UHF) Radio Technical's and related installation for DSCC.	Nos.		522.40	272.99	OTM (ICB)		No				19-Aug-18	18/2/2019, 30/9/2019	18-Sep-19	Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	100 %	Work completed. 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	Nos.		1239.00	980.32	OTM (ICB)		No	29-Jan-19	29-Jan-19	15-Mar-19	30-Jun-19	30-Sep-19	30-Nov-20	Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	100 %	LC open on 27/6/2019, LC Ammendment on Aug 27, 2020. Delivery Complete. (Tender Floated on 7-11-2018 and opened on 29 Jan 2019)
7		Procurement of Specialized ICT Equipment (Lot-02: HF Radio Terminals and Related Installations) for SCC	Nos.										7-Nov-18		N/A	N/A	Canceled	Canceled for BTRC not permitted HF Allocation. (Tender Floated on 7-11-2018)
8	URP-DNCC/ G-1.5	Procurement of ICT Equipment for Emergency Operation Center (EOC) at SCC	Nos.		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	Canceled & Provide New Package G-1.18 (G-1.5 with G-1.12) due to lack of similar experience of the bidder.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
9	URP-DNCC/G-1.6	Procurement of ICT Equipment for Command and Control Room(CCR) at FSCD, Sylhet	Nos.		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.	Nos.		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	Nos.		15865.08	11745.54	OTM (ICB)		Yes	30-Jan-19	7-Aug-19	15-Jun-19	14-May-20	30 Apr, 2020, 13 May, 2021	Equipment are reach in Port on March 2021 by 3 step.	Hytera Communications Corporation Ltd. China	Shipment complete	NOA issue on April 15, 2020. LC Opened 27/6/20
12	URP-DNCC/ G-1.9	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DNCC	Nos.		1470.00	1450.6	OTM (ICB)		No	17-Jan-19	31-Jan-19	15-Mar-19	25-Jun-19	9/30/2019, 2/24/2020	30-Nov-20	Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	100%	Delivery Complete , LC Opened 27/6/19. LC Ammendment on Aug 27, 2020.
13	URP-DNCC/ G-1.10	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DSCC	Nos.		1470.00	1480.13	OTM (ICB)		No	21-Jan-19	5-Feb-19	15-Mar-19	23-Jun-19	9/30/2019, 2/22/2020	15-Sep-20	Novatel Haber Lesme Cozumleri A.S, Turkey (Communications Systems Ltd.)	100%	Work Completed (Tender Floated on 8-11-2018 and opened on 5 Feb, 2019). LC Opened on 27/6/19.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
14	URP-DNCC/ G-1.11	Procurement of ICT Equipment for ware houses for DNCC and DSCC (Laptop, CC Camera, CCTV etc)	Nos		159.73		OTM (NCB)		No	15-Jan-19	29-Apr-19	30-Jun-19	7-Aug-19	24-Nov-19	11-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	Nos		2730.00		OTM (ICB)		No	18-Feb-19	19-Mar-19	30-May-19	N/A	30-Nov-19	N/A	N/A	Canceled	Cancelled & Provide New Package G-1.18 (G-1.5 with G-1.12)
16	URP-DNCC/ G-1.14	Procurement of ICT Equipment for Emergency Operation Center (EOC) at DNCC.			2795.58					10-Feb-20	19-Mar-20	30-Jun-20	13-Dec-21	30 Mar-21, 30 Sep, 21	N/A	N/A	on going	Contract sign on 13 Dec, 2021, L.C opened on Jan 2021
17	URP-DNCC/ G-1.15	Procurement of ICT Equipment for NDRCC under DDM			1050.00					2/10/2020, 12/31/2020		30-Jun-20		30-Mar-21	N/A	N/A	on going	Tender Opend on 21 Jan, 2020. Evaluation on going, 1st meeting done 10/3/21
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			205.00					30-May-20	22-Oct-20	30-Jun-20	26-Jan-21	30-Dec-20	N/A	N/A	on going	

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
19	URP-DNCC/ G-1.17	Procurement of Mobile command & control vehicles (1 Truck & Van)		1	4540.73					29-Feb-20	24-Mar-20			N/A	N/A	N/A	Canceled	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.			5338.63					15-Feb-20	13-Feb-20	15-May-20		30-Mar-21	N/A	N/A		NOA issued on 28 Feb,2021 from Bank. Waiting For Contract Sign.
21	URP-DNCC/ G-1.19	Procurement of ICT Equipment for Command and Control Room (CCR) at Dhaka & Sylhet.			5375.64					15-Feb-20	2-Mar-20	15-May-20		30-Mar-21	N/A	N/A		NOA issued on 28 Feb,2021 from Bank. Waiting For Contract Sign.

Goods Contract (Specialized Search and Rescue Equipment)

1	URP-DNCC/ G-2.1	Procurement of Specialized Search and Rescue Equipment (SAR Emergency Tenders) for FSCD. (22 Nos.)	Nos	22	9574.00	5469.57 (7477206 00 Yn)	OTM (ICB)		Yes				11-Jul-17	10-Mar-18	Ist 11 nos deliver y were 30/08/ 18. and 2nd 11 nos deliver y 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	5	518.12	550.94 (7750000 0 Yn)	OTM (ICB)		Yes				18-Dec-17	6/17/2018, 9/25/2018	9-Sep-18	Future Bud Inter. (M/S. Sadman Associates)	100 %	Work completed.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
3	URP-DNCC/ G-2.3	Specialized Search and Rescue (SAR) Equipment (tenders for Breathing Apparatus - 06 nos)(Fire Fighting Vehicle)	Nos .	6	1643	1585.08 (1942500 \$)	OTM (ICB)		Yes				5-Jul-18	28-Feb-19	27-Mar-19	Bristol Fire Engg. Industries LLC (Multi Drive Ltd.)	100 %	LC opened on 02/08/18. L.C Amendment -30/04/2019
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)	Nos .	Rescue suit-950, Chemical suit-30, Search light-900	2254.48	920.29	OTM (ICB)		Yes				4-Jun-18	30-Jan-19	20-Mar-19	National Fire Fighting Manufacturing FZCO, Dubai (Zara Trading)	100 %	Work completed. (LC opened on 28/06/18. LC Amendment -7/3/19)
5	URP-DNCC/ G-2.5	Specialized Search and Rescue (SAR) Equipment (Rescuer Tools and Drone) for FSCD.	Nos .	3	26.51	19.71	OTM (NCB)		No				6-Aug-18	20-Nov-18	20-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)	Nos .	10	1053.51	979.16 (1180000 \$)	OTM (ICB)		Yes				31-Jan-18	7/30/2018, 11/30/2018, 7/30/2019	6-Oct-19	Imrah Auto SDNBID, Malaysia(Sohel Enterprise)	100 %	Waiting for Delivery. Arrived in port. LC opened on 20/02/2018. L.C Amendment -08/01/19
7	URP-DNCC/ G-2.7	Supply of Specialized Search and Rescue Equipment for city corporation (Lot-2: Mortuary Van)	Nos .	4	339.58	288.77(348000 \$)	OTM (ICB)		Yes				31-Jan-18	7/30/2018, 10/30/2018	15-Dec-18	Imrah Auto SDNBID, Malaysia(Sohel Enterprise)	100 %	Work completed.
8	URP-DNCC/ G-2.8	Procurement of Search and Rescue Equipment (SAR) for City Corps	Nos .	10 Set X 53 nos Item	118.87	97.599	OTM (NCB)		No				17-Jan-18	20-Jun-18	20-Jun-18	Sohan Enterprise	100 %	Work completed.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
9		Rescuer Carrying Vehicle (7.5 Ton Truck) for FSCD-06 trucks	Nos .	6	488.97	336.00	OTM (NCB)		No				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)	Nos .	3	3101.99	2880.23	OTM (ICB)		No				16-Sep-18	15-Mar-19	27-Aug-19	S.K Rosenbauer Pte. Ltd. Singapur (M/s. Sadman Associates.	100 %	Work completed. LC opened on 01/10/2018. Shipment done on 26/6/2019
11	URP-DNCC/ G-2.10	Procurement of Search and Rescue Equipment Chemical Tender/Hazmat materials	Nos .	5	1579.22	1798.23	OTM (ICB)		No			31-Dec-18	31-Mar-19	12/9/2019, 3/31/2020	16-Apr-20	National Fire Fighting Manufacturing FZCO, Dubai (Zara Trading)	100 %	Tender Floated on 31/10/18. LC open on 17/4/19. LC Amendment 3/10/2019, Shipment-Feb,2020
12	G-2-11.2	Procurement of Search and Rescue Equipment (Rescue Boat)	Nos .	3	988.36	758.55	OTM (ICB)		No	31-Oct-18	28-Mar-19	31-Dec-18	8-Apr-20	30-Apr-21	N/A	E-pearsion Company Ltd. (Ireland)	on going	LC Opened on 01/6/2020. Shipped within July 2021.
13	URP-DNCC/ G-3	Procurement of Heavy Equipment (Lot-1: Crane)	Nos .	3	1050	764	OTM (ICB)		Yes				29-Oct-17	30-Jun-18	9-Aug-18	Ecom Trade Holdings Pte Ltd, Singapore (Ecom Trade International)	100 %	Work completed.
14		Procurement of Heavy Equipment (Lot-2: Wheel Type Excavator)	Nos .	3	900	517.11	OTM (ICB)		Yes				29-Oct-17	6/28/2018, 8/28/2018	7-Nov-18	Hidromek, Turkey (Sohel Enterprise)	100 %	Work completed.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
15		Procurement of Heavy Equipment (Lot-3: Chain Type Excavator)	Nos .	3	900	303.33	OTM (ICB)		Yes				24-Jan-18	23-Sep-18	24-Oct-18	Cosmos Inter. Ltd, India (CSL projects Ltd.)	100 %	Work completed.
16		Procurement of Heavy Equipment (Lot-4: Dozer)	Nos .	3	1350	821.88	OTM (ICB)		Yes				29-Oct-17	28-Jun-18	11-Sep-18	Belazia PTE Ltd., Singapore (Bismillah Traders)	100 %	Work completed.
17	URP-DNCC/ G-4.30	Procurement of Motor cycle	Nos .	4	7.2	6.2	OTM (NCB)		No		6-Dec-17		18-Apr-18	17-May-18	17-May-18	TVS Auto Bangladesh Ltd.	100 %	Work completed.
18	G-6.4 A	Procurement of Furniture for Ware house.	Nos .		70.36	66.75	OTM (NCB)						17-Jan-18	15-Jun-18	16-Jun-18	M/S. Shahjahan Enterprise.	100 %	Work completed.
Services Contract																		
1	URP-DNCC/S-1	Individual Consultant as Procurement Specialist (National)	Per son	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)	Per son	1	157.25	69.92	OTM (NCB)	BG					13-Dec-18	30-Jun-20		Engr. Md. Abdul Halim		Work is ongoing.
3	URP-DNCC/S-2	Individual Financial Management Consultant and Planning Specialist (National)	Per son	1		160.22	OTM (NCB)	BG					7-Feb-16			Mr. Nasir Ahmed	100 %	Work completed.
4	URP-DNCC/S-2a	Individual Financial Management Consultant and Planning Specialist (National)	Per son	1	240.00	113.38	OTM (NCB)	BG					13-Nov-17	30-Jun-20	30-Sep-19	Mr. Abdul Hamid	100 %	Work completed.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
4	URP-DNCC/S-2B	Individual Financial Management Consultant and Planning Specialist (National)	Person	1	36.00	125.26	OTM (NCB)	BG					21-Oct-19	6/30/2020, 4/30/2022		Michael Gomes		Work is ongoing.
5	URP-DNCC/S-3	Individual Consultant for international search & rescue Expert.	Person	1	280.00	306.64	OTM (ICB)	BG					1-Jun-16	30-Jun-20		Mr. Trevor Glass		Work is ongoing.
6	URP-DNCC/S-4	Individual Consultant for International as Information & Communication Technology (ICT) Expert	Person	1	280.00	243.54	OTM (ICB)	BG					1-Jun-16	30-Jun-20		Mr. Levent Gerdan		Work is ongoing.
7	URP-DNCC/S-5.2	Individual Consultant (Short-term)for ICT.	Person	1	11.88	44.01	OTM (NCB)	BG					15-Jan-17	1/14/2019, 1/14/2020, 4/30/2022		Md. Akramul Haque Chowdhury		Work is ongoing.
8	URP-DNCC/S-5.3	Individual Consultant (Short-Term) for Junior Procurement Specialist	Person	1	11.28	45.84	OTM (NCB)	BG					24-May-17	22-Nov-19		Md. Nowshad Alam	100 %	Work completed.
9	URP-DNCC/S-5.3b	Individual Consultant (Short-Term) for Junior Procurement Specialist	Person	1	23.65	68.26	OTM (NCB)	BG					30-Sep-19	8/3/2020, 4/30/2022		Md. Nowshad Alam		Work is ongoing.
10	URP-DNCC/S-6	Design & supervision consultancy for outfit DRM facilities in Dhaka & Sylhet.	Person	1	100.00	113.52	OTM (NCB)	BG					8-Feb-17	30-Jun-19		Environ Structure Ltd.		Work is ongoing.

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										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
11	URP-DNCC/S-7	GIS- Phase 1: Need Assesment for Implementation of GIS Infrastructure in the Urban Resilience Project.			150.00	130.78	OTM (NCB)	BG	No				11-Mar-19	10-Jul-19		Streams Tech Ltd. Bangladesh		Progressing of Tender Evaluation
12	URP-DNCC/S-8	Enhancement the effectiveness of DRR Emergency Warehouse			129.95		OTM (ICB)	BG					31-Jan-19	13-Jan-20	29-Dec-19		100 %	Work completed.
13	URP-DNCC/S-9	Preparation of GIS based Maps (Ward Level) at DNCC, DSCC & SCC.			1598.10	1271.98	OTM (NCB)	BG			11-Apr-19		29-Jul-20	10/30/20, 10/28/20, 21		Joint Venture of (1) Center for Environmental and Geographic information Serviss (Lead). (2) Streams Tech Ltd.	on going	Work Ongoing. Inception Report delivered to DNCC
14	URP-DNCC/S-10	URP-DNCC/ S-10 /Sub soil exploration and testing at different location under FSCD		10									24-Oct-20	30-Nov-19	24-Nov-19	Contemporary Engineering Ltd.	100 %	Work completed.
15	URP-DNCC/S-11	URP-DNCC/ S-11 /Sub soil exploration and testing at different location for construction of Green Field Tower under DNCC, DSCC & SCC.		8									7-Jan-20	30-Jan-20	5-Feb-20	Contemporary Engineering Ltd.	100 %	Work completed.
16	URP-DNCC/S-14	Individual Consultant for Junier Financial Management Specialist (National)		1	20.00	23.60												Under Process
17	URP-DNCC/NC S-1	Procurement of Pre- shipment Inspection company.		1	100.64	103.92	OTM (NCB)	BG	No				24-Jan-18	30-Jun-20		Bureau Veritas Bangladesh		Work 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 ² (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	
Works Contract																			
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-22		China State Construction Engineering Corporation Ltd. Country: China (According to NOA)		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	90%	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		Signed
Goods Contract																			

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 ² (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		
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			
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			
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			
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			
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		
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		
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		
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		

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 ² (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		
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		
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		
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				
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				
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		
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		
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		
18	G-4	Supply of Furniture for PIU office	Nos.	1	389,610.00		NCT, OTM	Bank Guideline	No		06.06.2018	4.6.2018	29.7.2018	4.6.2019		Hatil		

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 ² (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/C onsultant/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/OT M	Bank Guideline	Yes	20.02.2019		15.03.2019		15.10.2019				
20	G-13	Procurement of Seismic Lab Equipment of URU					ICB/OT M	Bank Guideline	Yes	04.03.2019		25.03.2019		25.10.2019				
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				
22	G-15	Procurement of Field Equipment for Vulnerability Assessment Aspect of Structures & Geophysics					ICB/OT M	Bank Guideline	No	25.02.2019		25.03.2019		25.10.2019				
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		
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		
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		

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 ² (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		
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		
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		

Services Contract

Consulting Service

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		
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		
4	URP/RAJUK/S-4)	Consultancy Services for Vulnerability Assessment and Prioritized Investment Plan for Critical Assets in Dhaka	Nos.	1	6781520.00	USD 3,713,637.50 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 Yapı Engineering Co. (Turkey) Sheltech (Pvt.)		

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 ² (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/RAJUK/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)		
6	URP/RAJUK/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)		
7	URP/RAJUK/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)		
8	URP/RAJUK/S-8)	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		

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 ² (Yes / No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor/C onsultant/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		
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				
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		

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 ² (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		
Non-consulting service																		
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		

Procurement Plan of DDM Part

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated price (taka in Lac)	Actual contract price (taka in Lac)	Procedure/ Method	PPA/BG	Prior Review (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	
Works contract																			
1	BD-DDM-44875-GO-RFB	Renovation of the facility that would house ERCC	Sft	9000	540							30-Sep-18	No	N/A		N/A	00	Received Design approval from MoDMR on 05/12/18 & now on process to obtain approval of DG- DDM on BOQ & tender documents as it was reviewed in the last PIC meeting held on 21/01/19.	
2	BD-DDM-44877-GO-RFB	Renovation of the facility that would house NDMRTI	Sft	9000	360							30-Sep-18	no	N/A		N/A	00	Received Design approval from MoDMR on 16/10/18 & now in process to prepare BOQ & floating tender.	
Goods Contract																			
1	URP/DDM /G-1	Procurement of Jeep for PIU.	Nos	1	65.51		OTM (NCB)	PPA						30/01/2017	9/2/2017	9/2/2017	Pacific Motors	100%	
2	URP/DDM /G-3.2	Procurement of office Equipment(Air Cooler)	Nos	6	4.9245		OTM (NCB)	PPA						26/06/2016	14/02/17	14/02/17	Confidence Refrigeration & Electric Engineering	100%	

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated price (taka in Lac)	Actual contract price (taka in Lac)	Procedure/ Method	PPA/BG	Prior Review (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
3	URP/DDM /G-3.3	Office Equipment(Photocopier-1 & UPS-01)	Nos	1	4.47		OTM (NCB)	PPA					26/06/2016	14/02/17	14/02/17	M/S. Niloy Traders	100%	
4	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					21/12/2016	4/1/2017	4/1/2017	S. J Computers	100%	
5	URP/DDM /G-4.30	Computer-04 & related service(Printer-05, Multi media projector-01)	Nos	10	4.78375		OTM (NCB)	PPA					21/12/2016	4/1/2017	4/1/2017	Net Link Communication	100%	
6	URP/DDM /G-6.2	Procurement of Furniture (Conference table-01, Table- PD, DPD, APD, Consultant)	Nos	7	4.5		OTM (NCB)	PPA					21/12/2016	4/1/2017	4/1/2017	Faruque Enterprise	100%	
7	URP/DDM /G-6.3	Procurement of Furniture (Chair-39)	Nos	39	4.57		OTM (NCB)	PPA					21/12/2016	4/1/2017	4/1/2017	M & M Enterprise	100%	

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated price (taka in Lac)	Actual contract price (taka in Lac)	Procedure/ Method	PPA/BG	Prior Review (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
8	URP/DDM /G-6.4	Procurement of Furniture(Sofa, File Cabinet, Almirah etc.)	Nos	34	4.56		OTM (NCB)	PPA					21/12/2016	4/1/2017	4/1/2017	Shanta Traders	100%	
9	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%	
10	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%	
services contract																		
1	URP/DDM /S2	Financial Management Specialist (FMS)	Month	60	195.82		OTM (NCB)	PPA					1/1/2016	30/06/2020	On going	Md. Mosharaf Hossain	41.67 %	
2	URP/DDM /S1	Procurement Specialist (PS)	Month	30	117.52		OTM (NCB)	PPA					1/1/2016	24/11/2018	On going	Md.Hasan Jahid	83.33 %	Contract of PS was over on 25/11/18 & DDM already got approval of his service extension 03 months (up to 25/02/19) from MoDMR.

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated price (taka in Lac)	Actual contract price (taka in Lac)	Procedure/ Method	PPA/BG	Prior Review (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
3	BD-DDM-29946-CS-QBS	Training, Exercise and Drills Program	LS	LS	10478.7		OTM (NCB)	PPA				19/11/2018		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-5	D&S Consultant (DDC)	Month	12	30		OTM	PPA				31/01/2018	30/01/2019	Ongoing	DDC			
5	BD-DDM/S-4	Feasibility study of 2nd phase of URP	LS	LS	77.92			PPA				1-May-19	--	30-Mar-20				

List of ICT Equipment (DNCC part)

Basic Description	Equipment	Unit	FSCD (Dhaka)		FSCD (Sylhet)		DNCC		DSCC		SCC		DDM		
			Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	
VHF Communication Equipment	DMR Portable Radio	Pcs	550	Delivered			320	Delivered							
	DMR ATEX Portable Radio	Pcs	50				10								
	DMR Fixed Desktop Radio	Pcs	70				20								
	DMR Mobile (Vehicle) Radio	Pcs	255				176								
	Satellite Phones	Pcs					5								
HF Communication Equipment	HF Fixed Radio	Pcs	150	Delivered											
	HF Mobile (Vehicle) Radio	Pcs	65												
	HF Man pack Radio	Pcs	65												
DMR Tier 3 simulcast trucking radio communication System switch/Simulcast network controller	Simulcast network controller	Set	1	Delivered											
	DMR Base station controller	Pcs	112												
	DMR simulcast Base station	Pcs	270												
	Network Management system	Set	2												
	Computer based Dispatch Server	Pcs	2												
	Dispatch & AVL client computer & software	Set	5												
	Radio terminal licenses	Pcs	3000												
	UPS backup system	Pcs	112												
	Satellite Phones	Pcs	10												
UHF Communication Equipment	DMR Portable Radio	Pcs							400	Delivered	150	Delivered			
	DMR Fixed Desktop Radio	Pcs						5			32				
	DMR Mobile (Vehicle) Radio	Pcs						15			25				
	DMR ATEX Portable Radio	Pcs									32				
	satellite Phones	Pcs							2				12		
	DMR simulcast system switch /Simulcast network controller	Pcs					1	Delivered	1	Delivered	1	Delivered			

Basic Description	Equipment	Unit	FSCD (Dhaka)		FSCD (Sylhet)		DNCC		DSCC		SCC		DDM	
			Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered	Proposed in DPP	Status/ delivered
UHF Communication Network	DMR Base station controller	Pcs					11		11		5			
	DMR simulcast Base station	Pcs					22		22		10			
	Radio terminal licenses	Pcs					320		400		300			
For C&CC/EOC /NDRCC & NDMRTI	Video wall screen	Pcs	20	Not Delivered	24	Not Delivered	54	Not Delivered	63	Not Delivered	30	Not Delivered	18	Not Delivered
	Teleconference system	Set	1		1		1		1					
	Broadcasting system	Set	2		2		2		2					
	IT System:	Pcs												
	Server Blade	Pcs	6		6		6		6					
	Laptop	Pcs	60		60		60		80					
	Local area network system (LAN)	Set	1		1		1		1					
	Wireless Neatwork system	Set	1		1		1		1					
	IP Camera	Pcs	1		1		32		16					
	Server virtualization software	Pcs	1		1		1		1					
	Network Management system(NMS)	Set	1		1		1		1					
	Video conferencing system (VCS)	Set	1		1		1		1					
	Interactive Touch screen	Set	4		4		3		4					
	Access contril system	Pcs	20		20		10		10					
	Touch Screen Kiosk Terminal (TKT)	Pcs	10		10		4		5					
	Portable Sound system(PSS)	Set	2		2		2		2					
	Vedio Display	Set	7		5		8		8					
Automatoc Fire Suppression System (AFSS)	Set	1	1	1	1									
For Wire House equipment	Laptop, CC Camera, CCTV etc	Set					Delivered		Delivered					

List of Specialized Search and Rescue Equipment (DNCC part)

Sl. No	Description	Agency	Qty	Unit	Present Location	Status
Procurement done						
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		
Due to Procurement						
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
Seismic lab equipment for URU (G-12)			
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
Seismic field equipment for URU (G-13)			
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
Field equipment of VA (G-15)			
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
Equipment for Exploration of RSLUP Profile (G-17)			
1	Truck mount CPT Equipment (Capacity: 2000 KN)	Nos.	2
ICT equipment for Deploying ECPS (G-20)			
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