



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

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

**Draft 19th Quarterly Progress Report
(October-December 2022)**



March 28, 2023



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Contractual Details

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

List of Abbreviations

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

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

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Executive Summary

The Executive Summary of the 19th Quarterly Progress Report (QPR) summarizing the key findings, challenges, conclusions and recommended corrective actions of the Monitoring and Evaluation (M&E) team. This 19th QPR covers the 2nd quarter of this last fiscal year (Q2 of FY 2022-2023) from October 1 until December 31, 2022. The draft version of this report was submitted to Project Co-ordination and Monitoring Unit (PCMU), Planning Commission on March 28, 2023. Thus, we hope this progress report will be helpful source of information for project managers as they seek to supervise the URP efficiently and effectively with the most accurate, comprehensive, and up-to-date information available.

I. Findings: Brief Summary of Quarterly 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)

Activities under **Sub-component A-1**: To renovate and equip ERCC & NDMRTI it has been reported no progress from the last reporting year. While it was earlier that the training rooms and other planned facilities have been renovated for NDMRTI and training programs are being organized here on and off basis as the NDMRTI is ready for use. The planned renovation works are completed from DDM part. Some ICT equipment for ERCC and NDMRTI has been delivered. But the facility (ERCC) has not yet been renovated with the Emergency Communication Technology (ECT) equipment that will be procured under DNCC part. Complete set of these equipment has not yet been delivered and installation process didn't commence yet.

The ERCC was supposed to act as the national training center for emergency response professionals under Urban Resilience Project. In this regard the output has been achieved through the renovation process but the ultimate outcome (to act as the national center for command-and-control for the government's response in the event of a major disaster) from the ERCC has not been achieved.

Under **Sub-component A-5**: The Training, Exercise, and Drills (TED) Program is ongoing in full swing. In this quarter all planned (7) training and workshops have been completed and 16 training programs will be conducted by March 2023.

Regarding the financial progress: **DDM spent 95.15 Lac BDT i.e., 95.15%** compared to its Quarterly allocation of 100 Lac BDT.

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.

All the procurement work under subcomponent A-2 has been completed earlier. The construction of 18 (60-meter) wireless communication Green Field towers (10 for FSCD and 8

for DNCC, DSCC & SCC) are the remaining activities under this sub-component. For City Corporations sites work for 7 towers complete, work for 1 tower ongoing. For FSCD, construction completed for 8 sites, construction work ongoing for remaining 2 sites.

Under **Sub-Component A-3** (to supply, install and integrate specialized emergency communication technology), the installation of ICT Equipment for EOC of DNCC completed and the construction of the rooftop base stations and installation of the DMR Network was ongoing.

For **Sub-component A-4**: All planned Search and Rescue (SAR) equipment under this component has been procured and reported earlier. The only remaining activity left is the procurement of three rescue boats. In this period the package has re-tendered to complete the procurement.

Regarding the financial progress: **DNCC spent 1,473.89 Lac BDT i.e., 4,155%** compared to its quarterly allocation of **35.47 Lac BDT**. This is the unusual result derived from the IMED-5 report of DNCC. Even compared to their RDPP allocation (300 Lac BDT), this quarterly expenditure is 491% higher.

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

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

Under **Sub-component B-1** (Vulnerability Assessment of Critical and Essential Facilities and Lifelines), five milestones or deliverables were completed in the reporting period. These included, *Revised submission and Approval* of DEA (MD-7) as well as *Revised submission and Approval* of Long-Term Investment and Strategy Guideline (MD-8). Some other intermediate deliverables i.e., Implementation Mechanisms, Monitoring and Evaluation Mechanisms and Mainstreaming Mechanisms and validation by PWG, POC, and relevant agencies and Ministries (D-19). *Through this update all the planned activities in the package have been completed.*

Under **Sub-component B-1** (Vulnerability Assessment of Critical and Essential Facilities and Lifelines), all targeted physical works are completed, and all deliverables are submitted. In the reporting quarter the last deliverables (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) was also approved. Within this completion **all planned activities in the package have been completed.**

Under **Sub-component B-2**: Risk Sensitive Land use planning (RSLUP) Strategy guidebook prepared. All validation meetings were completed, and the Final Consultancy Report submitted addressing full documentation. No change from the previous quarter.

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

The URU construction work is already moving behind schedule and very limited progress visible compared to last quarter. It has been observed that due to recent global supply chain interruption and Letter of Credits (LC) opening issues from concerned Banks the import of URU building materials (different types of rolled structural steel section, roof sheeting profile, joint of web steel etc.) are disrupted. In this reporting quarter under the URU building construction- Erection of Steel frame completed from Ground floor to 3rd floor; and concrete casting done for

lift core and floor areas. In addition, piling and construction of sub-structure of laboratory building is also completed.

Regarding **URU institutionalization**, no significant progress took place since previous quarter. The operationalization of URU is very much important considering its future role and long-term viability. It seems that this process may take prolonged time to complete considering the trend of past progress. PIU is maintaining a regular communication with the Ministry of Housing and Public Works (MoHPW) and other concerned departments in order to persuade the formal proposal of URU.

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

At the end of December 2022, no progress made from previous quarter to activate the Electronic Construction Permitting System (ECPS). ECP Piloting process is getting **delayed**.

Sub-component C-3 was designed to improve the professional competency and ethical standards of practice of professional engineers, architects, planners, and other construction professionals. In this reporting quarter no significant progress took place except the exam for Structural Engineers was held in November 2022.

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

In the reporting quarter the main accomplishment was the draft and revised/final submission of the Monitoring and Evaluation Report. Preparation of Annual Program Evaluation Report is ongoing which was programmed to be submitted by February 28, 2023.

Regarding financial progress, **RAJUK spent 2,324.29 LAC BDT i.e., 116.21%**, compared to its quarterly allocation of 2,000 Lac BDT.

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

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

Situation remain quite unchanged for the Component-D as of December 2022. PCMU is still struggling to approve its revised DPP from the respective ministry and divisions. In the 3rd Project Evaluation Committee Meeting (PEC) on September 11, 2022, the RDPP was approved from the Physical Infrastructure Division, Planning Commission and was waiting to be finally approved from the ECNEC.

As a continuous process, the M&E team submitted the 18th Quarterly Progress Report (QPR) covering the period from July 1, 2022, to September 30, 2022. PCMU organized one PIC meeting and one PSC meeting on November 20, 2022, and December 9, 2022 respectively to review the progress of the project. The M&E team briefed the project updates and conducted PowerPoint presentation for both meetings.

Regarding the financial progress, **no expenditure was reported for PCMU** since the RDPP is not yet approved.

II. Challenges

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

In last quarter of the reporting year the most significant challenges faced by the Monitoring and Evaluation team is the continuation of the M&E function for the Urban Resilience Project under component D. This challenge arises when the contract of the M&E team was expired with the planning commission in April 2022. The regular M&E work was disrupted, the M&E team had limited movement to the field with inadequate resources and consultants having no operational budget to conduct the Monitoring, Evaluation, Reporting and Verification activities (MERV) for the project. This had happened for the lengthy and delayed review and approval process of the DPP for component D which was submitted for approval in February 2022.

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

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

The **Electronic Construction Permitting (ECP)** System was launched on last September 2021. But even after one year of launching the program the piloting of the ECP system wasn't started. So, activation of the ECP system also remain as a challenge as of December 2022.

In the DNCC part under subcomponent A-3 & A-4, further re-tendering and procurement of the Rescue boats along with full installation and operationalization of the EOCs will be challenging and may not be possible within October 2023.

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

Under URP, a large number of ECT suits with VHF, UHF, HF terminals, DMR network and Search & Rescue (SAR) Equipment are purchased. Facilities created like Command-and-Control Centre, Emergency Operation Centre (EOC), Warehouses, DRM office, Zonal control room, Urban Resilience Unit (URU) -described in detail in Chapter 2. Most of this equipment and facilities are handed over to the concerned agencies. But it was observed that periodic **Operation and Maintenance (O&M) for this equipment is a major challenge.** The agencies don't have sufficient budget to carry out the O&M and sometimes they don't even have sufficient space to house this expensive equipment. The sustainability of the project largely depends on the appropriate O&M of the equipment and training for the personnel who will operate and maintain this equipment.

III. Recommendations and Conclusions

In order to resume the momentum of the monitoring, evaluation, reporting and verification function in full swing we recommend that the RDPP for component D should be approved at the soonest convenient time. We also recommend extending the contract of the M&E firm from May 2022 as the M&E team continued to render its service from that mentioned period. It is also recommended that the M&E progress reports and Implementing Agencies' (IAs) progress update be reviewed at the Technical Committee and Project Steering Committee meetings on a regular basis.

For RAJUK, the **URU construction** work is still behind its schedule. We recommend that RAJUK needs to effectively follow up with the civil contractor (China State Construction Engineering Corporation Ltd.) and its local part and closely monitor and ensure the construction of the URU (both the W1 and S-11) to be completed by its scheduled duration. The M&E team also recommends that the **URU institutionalization strategy be finalised and approved by RAJUK authorities and relevant Government ministries within the proposed 18-month extension period.**

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

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

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

CHAPTER 1

Background

1.1 Introduction

This document is the 19th in a series of Quarterly Progress Report (QPR) 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 October 1st 2022 to December 31st, 2022.

1.2 Purpose of the Quarterly Progress Reports (QPR)

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

- Prepare three quarterly progress reports at the end of each quarter, and one annual progress report at the end of 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 19th Quarterly Progress 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 analysed by our staff, and organized and presented in QPRs and APRs to inform and assist PDs and other Project stakeholders on the progress that has been made in the last reporting quarters. In addition, as required by our TORs, we report on the future progress that we expect will occur in the next three (3) months. We also use

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

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

CHAPTER 2 Progress Report for 19th Quarter (October-December 22) of URP

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

An overview of these results is shown below in **Table 2.1**. We then summarize the results achieved for each one of the five sub-components (A-1 – A-5) under Component A, 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 84 active milestones in the last reporting quarter. Of those active milestones, we found that 9 were "completed on-time," and 7 were "completed late." In addition, 32 milestones were "due, but still on-going," and another seven (7) milestones were "due, but [had made] no progress." Furthermore, 29 milestones were not due until the next quarter (the current 3rd quarter). Thus, subtracting the 29 "inactive" milestones, out of the 55 applicable milestones, 16 (19%) had been completed. The great majority of 32 milestones (38%) were "due, but still on-going." Finally, 7 milestones, or 8%, were "due, but had made no progress." **Table 2.0** below provides decision-makers with a quick summary of our monitoring results for all four components and 13 sub-components of the Project.

Table 2.0: Quarterly Summary of Status and Progress of URP (October-December 30, 2022)

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	1	0	2	0	0	3
A2 (DNCC) Renovation and Outfitting of City Corporation and FSCD ER facilities	0	0	0	2	2	0	4
A3 (DNCC) Specialized ECT Equipment Procured	0	2	0	10	0	0	12
A4 (DNCC) Procurement of Search & Rescue equipment	0	0	0	0	0	0	0

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
A5 (DDM) Multi-Agency Training, Exercises & Drills Program	7	0	0	0	0	16	23
B1 (RAJUK) Vulnerability assessment of critical and essential facilities and lifelines	0	1	0	0	0	0	1
B2 (RAJUK) Risk sensitive land use planning practice	0	0	0	0	0	0	0
C1 (RAJUK) Create and operationalize the Urban Resilience Unit	0	0	0	2	0	0	2
C2 (RAJUK) Establish an Electronic Construction Permitting System	0	0	0	1	0	0	1
C3 (RAJUK) Set Up a Professional Accreditation Program	0	0	0	4	0	8	12
C4 (RAJUK) Improve Building Code (BNBC) Enforcement	0	2	0	0	0	3	5
URU Building (RAJUK) with Lab equipment	0	0	0	5	5	0	10
D (PCMU) Project Coordination, Monitoring and Evaluation	2	1	0	6	0	2	11
Total	9	7	0	32	7	29	84

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

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

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

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

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

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

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

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

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

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

There are a total of 26 milestones under **Sub-component A-1**. Among these 26, three (3) were applicable in this reporting period (Q2, FY 22-23). Of these, one (1) milestone was "completed late," and another two (2) were "Due, but Ongoing,".

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed late: (1)

1. Signed contract for Substation (W-1-Lot-3) ; the due date was June 30, 2022 –(Done on November 9, 2022).

➤ Due, but ongoing: (2)

1. Completion of works for Consultancy Service for Design and Supervision (D&S)- Substation at DDM (S-4.4). – original due date was August 30, 2023.
2. Completion of works for Substation (W-1-Lot-3) ; original due date was December 30, 2022.

Main Accomplishments and Non-accomplishments

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

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

Within this reporting period a contract was signed on November 9, 2022, to construct the substation at DDM building. The substation installation process is ongoing, and it was scheduled to be completed within December 2022. As of reporting period the 70% work completed towards the installation process.

3-month projection

Completion of the installation of the substation (W-1-Lot-3) is the only due activity under this sub-component which will be done in the 3rd quarter of FY 2022-23.

❖ 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 33 milestones under Sub-component A-2, among those four (4) are applicable in this reporting period (Q1, FY 22-23), all four (4) milestones were due in this period.

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

Due but Ongoing: (2)

1. Construction of Greenfield Tower for DNCC, DSCC and SCC (W-2.4). Out of 8 sites, Work completed for 7 sites, Work ongoing at 1 site. The due date was April 26, 2022 –currently, **8 months late**.
2. Construction of Greenfield Tower for FSCD (W-2.5). Out of 10 sites, construction completed for 8 sites, construction work ongoing for remaining 2 sites. The due date was January 28, 2022 –currently, **11 months late**.



Green Field tower

Due, but no progress: (2)

1. Submission of EIA report for Greenfield tower including social safeguard screening report; the due date was June 30, 2022 –currently, **6 months late**.
2. Submission of EMP report for Greenfield tower including social safeguard screening report for DNCC, DNCC, SCC and FSCD); the due date was June 30, 2022 –currently, **6 months late**.

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

All procurement works under subcomponent A-2 has been completed except the construction of 18 (60-meter) wireless communication Green Field towers (10 for FSCD and 8 for DNCC,

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DSCC & SCC). These towers will work as the backbone infrastructure to maintain communications among the ECT equipment (DMR network, UHF radio terminals and related installations). In the construction of 8 Green Field Towers of DNCC, DSCC and SCC (W-2.4), site work completed for 7 towers and site work ongoing for remaining 1 tower. While, within the construction of 10 Green Field Towers of FSCD (W-2.5), site work completed for 8 towers and site work ongoing for remaining 2 towers.

3-month projection

The due four (4) milestones i.e., the construction of Greenfield tower for DNCC, DSCC, SCC and FSCD with submission of associated EIA and EMP reports are expected to be completed this quarter (3rd Q of FY 2022-23).

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

Under **Sub-Component A-3**, the M&E team is tracking a total of 97 milestones. of which 12 milestones are applicable for the reporting period. Among these 12 milestones, two (2) were “completed late” and Ten (10) were “due, but on-going” as shown below in Table 2.3.

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

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
0	2	0	10	0	0	12

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed late: (2)

1. Installation of Specialized ICT Equipment (DMR Network and Related Installations-UHF) for DSCC (G-1.10).
2. Installation of ICT Equipment for Emergency Operation Center (EOC) at DNCC (G-1.14)

➤ Due, but on-going: (10)

1. Installation of specialized ICT equipment (Lot-01: DMR network, UHF radio terminals and related installations for SCC (G-1.4); the due date was June 30, 2021 –currently, **18 months late**.
2. Installation of specialized ICT equipment (DMR network and related installations- VHF) for FSCD (G-1.8); the due date was June 30, 2021 –currently, **18 months late**.
3. Installation of specialized ICT equipment (DMR network and related installations UHF) for DNCC (G-1.9); the due date was June 30, 2021 –currently, **18 months late**.
4. Delivery of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15); the due date was April 30, 2022 –currently, **8 months late**.
5. Installation of ICT Equipment for ERCC & NDMRTI under DDM (G-1.15) ; the due date was April 30, 2022 –currently, **8 months late**.
6. Delivery of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC (G-1.18); the due date was March 27, 2022 –currently, **9 months late**.
7. Installation of ICT Equipment for Emergency Operation Center (EOC) at DSCC and SCC (G-1.18); the due date was April 27, 2022 –currently, **8 months late**.
8. Delivery of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was March 27, 2022 –currently, **8 months late**.
9. Installation of ICT Equipment for Command-and-Control Room (CCR) at FSCD, Dhaka and FSCD, Sylhet (G-1.19); the due date was April 27, 2022 –currently, **8 months late**.

10. Final Report preparation of GIS Based Maps (Ward level) at DNCC, DSCC & SCC (S-9); the due date was October 28, 2021 –currently, **14 months late**.

Main Accomplishments and Non-accomplishments in Last Quarter

Under **Sub-Component A-3**, ICT Equipment (DMR network and related installations i.e., UHF & VHF- G-1.4, 1.8 &1.9) for 134 stations were completed so far and more five (5) were ongoing in this period.

All ICT Equipment for (EOC) of DNCC (G-1.14) were delivered. ICT equipment for DDM, SCC & CCR at FSCD (G-1.15, 1.18, &1.19) were partly delivered.

The preparation of GIS Based Maps (Final Base Map Report, Application Development, Draft Final Report) completed. Final Report will be submitted soon.

3-month projection

The pending milestones “due, but on-going” remain the same as like the last quarter mostly comprise the installation of the remaining DMR networks for FSCD and city corporations. It was expected that those overdue activities would be completed within the last quarter but still projected for the completion. In addition, delivery and installation of ICT equipment for ERCC under DDM, EOCs of DSCC and SCC; and Command-and-control centres for FSCD will be continuing in this ongoing 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 milestones. Among these, 3 milestone were active during this reporting period (Q2, FY 22-23).

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed on time: (1)

1. Floating of retender to procure the Rescue Boats. Done December 15, 2022.

➤ 3-month projection

1. Tender Evaluation to procure the Rescue Boats. (Due date January 30, 2023)
2. Contact Sign to procure the Rescue Boats. (Due date February 15, 2023)

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

The delivery of much awaited Rescue Boat was cancelled since the supplier couldn't deliver this within their extended scheduled period. This package was retendered (**Annex-9**) in December 2022 to procure the rescue boats again.

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

Under **Sub-Component A-5**; DDM is responsible to provide training, exercises, and drills (TED) services to national-level and local-level agencies involved in disaster risk management. The M&E Team is tracking a total of 75 milestones. Among these, 7 milestone were applicable for this reporting period (Q2, FY 22-23) and all of them were “Complete on time,”. More sixteen (16) milestones are targeted to be completed by December 31, 2022.

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

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
7	0	0	0	0	16	23

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed on time: (7)

1. Training Courses on Emergency Operations Plan (EOP)/Emergency Operations Centre (EOC) [Batch 1]
2. Conduction of 100 hours of Prerequisites Emergency Management Training for 25 participants from six agencies [Session 2]
3. Consultation Workshop on Roadmap Towards INSARAG Recognized National Accreditation Process (IRNAP)
4. Training Courses on Emergency Operations Plan (EOP)/ Emergency Operations Centre (EOC) [Batch 2]
5. Training Courses on Emergency Operations Plan (EOP) / Emergency Operations Centre (EOC) [Batch 3]
6. Conduction of 100 hours of Prerequisites Emergency Management Training for 25 participants from six agencies (Total 15 lessons, 3 Batch) [Session 3]
7. Conduction of Training on basic components of EOP and EOC for 06 Agencies Staff (Total 08 lessons) [batch 4]

3-month projection

Following 16 milestones which are expected to be completed the 3rd quarter of FY 2022-23. These include:

1. Training on procurement of Specialist Search and Rescue Equipment (Rescuer tool Drone) for FSCD - Package 2.5
2. Training on Supply of Specialized Search and Rescue Equipment (Ambulance) - Package 2.6
3. Consultation Workshop on INSARAG Accreditation of National Urban Search and Rescue (USAR) Team
4. Document Review and consultation workshop for agency specific EOP formulation, developing SOP for a functional EOC.
5. Consultation Workshop on Formation of LEMA, Framework and Technical Working Groups Development for INSARAG Accreditation Process
6. Workshop on agency specific EOP formulation, developing SOP for a functional EOC, planning for Tabletop Exercise and Drills under the “Training, Exercise, and Drill (TED) program.”
7. Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for FSCD
8. Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for SCC
9. ICT equipment training of EOC for DNCC, DSCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15)-Batch 01
10. Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for DNCC and DSCC

11. INSARAG Consultation Workshop on Progress of the LEMA formation and USAR Team Accreditation
12. Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for MoDMR and DDM
13. Multi-Agency Exercise on EOP and functional EOC
14. Incident Command System, INSARAG Policy and Guideline and Logistics (17- 19 March in Khulna Ship) and rest in Khulna City
15. IAEM Mock Test 1
16. ICT equipment training of EOC for DNCC, SCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15) -Batch 02

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

The total target of training, workshops and drills are 47 under the TED program with UNDP. Among those 19 training and workshops were completed as of December 2022. In this reporting period 7 training and workshops are completed. In addition, above 16 training, workshops and drills will be completed in the 3rd quarter of FY 2022-23.

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

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

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

The two sub-components are:

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

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

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

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month Projection	Sub-total
B1	0	1	0	0	0	0	1
B2	0	0	0	0	0	0	0
Total	0	1	0	0	0	0	1

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

❖ 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 1 was applicable during this last reporting period (2nd quarter FY2022-23). This 1 (one) milestone was finished as “Complete late”.

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	0	0	0	1

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed late: (1)

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

Major Accomplishments and Non-accomplishments

Under **Sub-component B-1**, the consultant (NKY) completed all its target of physical works and submitted all due deliverables. In the last quarter (2nd Q of FY 2022-2023), one deliverable was completed. This included, *Approved Feasibility* report following DEA for all the remaining building at the 3rd level including retrofitting design and cost estimates for buildings eligible for retrofitting work (totalling a floor area of 150000 sqm) (MD-07). Within this completion **all planned activities in the package have been completed.**

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

There are a total of 46 milestones were tracked under Sub-component B-2. Of which, none was applicable in the last reporting cycle (2nd quarter FY2022-23) as **all planned tasks were competed in earlier period.**

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

2.3 Component C: Improved Construction, Urban Planning and Development

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

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

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

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month Projection	Sub-total
C1	0	0	0	2	0	0	2
C2	0	0	0	1	0	0	1
C3	0	0	0	4	0	8	12
C4	0	2	0	0	0	3	5
URU	0	0	0	5	5	0	10
Total	0	2	0	12	5	11	30

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

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

Under this sub-component, the M&E team is tracking 28 milestones, of which, 2 were active in the last quarter (2nd quarter FY2022-23). These two (2) were “Due, but on-going,” and were targeted to be completed by March 31, 2022.

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Due, but on-going: (2)

1. Submission of formal proposal of URU to the ministry of Housing and Public Works (MoHPW); the **due date was January 1, 2022** –currently, **14 months late**.
2. Approval of the proposal of URU by the ministry (MoHPW); the **due date was March 1, 2022** –currently, **12 months late**.

Major Accomplishments and Non-accomplishments

Under **Sub-component C-1**, no major task accomplishment was found in the last quarter. In the most recent quarter, the PIU worked on sorting and verifying all of the paperwork and procedures that will be necessary to develop and get ministry clearance in order to make the Urban Resilience Unit (URU) effective. Additionally, PIU is continuing its regular correspondence with the Ministry of Housing and Public Works (MoHPW) in an effort to convince them of the formal

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proposal of URU. The consultants have completed all the tasks (Situation Analysis and Feasibility Report, Institutional Design and Organizational Study-IDOS Report, Community Outreach Campaign Report, URU Training Materials and Documentation, Capacity Building Program Report and URU Staff Training Report, Monitoring and Evaluation Report as well as Final Report) they are supposed to do.

The latest update was that the URU institutionalization proposal was sent from RAJUK PIU to RAJUK head office on December 3, 2022. After necessary review, it has been sent to the Ministry of Housing and Public Works (MoHPWs).

3-month forecast:

As two (2) milestones are still “Due, but on-going”, those two (2) milestones are programmed to be completed this quarter (3rd Q FY2022-2023).

According to the information of the RAJUK-PIU, this proposal is expected to send to Finance & Public Administration Ministry from MoHPWs tentative on the 2nd week of February 2023. Then it will be sent to the Ministry of Law from MoHPWs for necessary legislative review and modification. In March 2023 it is predicted that the proposal will be placed to the Cabinet Division from MoHPWs for final approval.

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

Under this sub-component, the M&E team is tracking 25 milestones, of which two one (1) was active during the last reporting quarter and are targeted to be completed by March 31, 2023.

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

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

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ **Due, but no progress: (1)**

1. Start the piloting of ECPS and O&M; the **due date was March 10, 2022** –currently, **12 months late**.

Major Accomplishments and Non-accomplishments

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

3-month Forecast:

One (1) milestone is still due and that is programmed to be started by 19th quarter (3rd Q FY 2022-2023). In this regard, RAJUK has planned to hold number of seminars with various stakeholders throughout the following quarter before beginning the ECPS proceedings. However, the consultant will provide the Operation and Maintenance support for two consecutive

years, and they are supposed to submit an Operation and Maintenance Report after the maintenance period.

❖ Sub-Component C-3: Professional Accreditation Program

Under this sub-component, the M&E team is tracking 25 milestones; of which twelve (12) were active during the last reporting quarter (2nd quarter FY2022-23). Of those twelve (12), four (4) milestone were “Due, but on-going,” and the rest of the eight (8) are programmed and expected to be completed by this quarter (3rd Q of FY 2022-2023) March 31, 2023.

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
0	0	0	4	0	8	12

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Due, but on-going (4):

1. Submission of Professional Accreditation Program (PAP) Design Report (MD-4); the due date was September 30, 2022 –currently, **3 months late**.
2. Reviewed and revised PAP Design Report (MD-4); the due date was December 20, 2022 –currently, **1 month late**.
3. Approved PAP Design Report (MD-4); the due date was December 30, 2022 – currently, **1 month late**.
4. Submission of Pilot Testing Design Report and online PAP Portal (MD-5); the due date was December 31, 2022 –currently, **1 month late**.

Main Accomplishments or Non-accomplishments

Very few tasks completed under Sub-component C-3 in the most recent quarter. Earlier, the consulting firm International Code Council – (ICC) conducted 48 training sessions of Structural Engineer – (SEng) Training Program as a part of Professional Accreditation Program Strengthening Component of the Urban Resilience Program (URP). The courses were presented over the WebEx platform and were managed through a web portal named “PRP-Portal” (<https://prp-portal.org>).

The PRP-Portal provides a one-stop platform for administering the SEng training program and the SEng exam application process. A total of 2,942 individuals registered on the portal. Of which, 1,100 individuals have attended each session. A total of 900 registrants attended at least 30 out of 48 SEng sessions and 5 out of 8 seismic sessions which were the qualifying criteria for SEng exam. The exam for SEng was taken in November 10 and 17 of 2022.



SEng (Structural Engineering) Exam is going on at BUET on November 17, 2022

Annex-5 depicted a complete list of training as well as the number of attendees at each training.

3-month Forecast:

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As four (4) milestones are still due, those four are expected to be completed this quarter (3rd Q of FY 2022-2023). In addition, following eight (8) more milestones are scheduled to be completed by March 31, 2023.

1. Reviewed and revised Pilot Testing Design Report and online PAP Portal (MD-5);
2. Approved Pilot Testing Design Report and online PAP Portal (MD-5);
3. Submission of Sustainability Report (MD-6);
4. Reviewed and revised Sustainability Report (MD-6);
5. Approved Sustainability Report (MD-6);
6. Submission of Completion Report (MD-7);
7. Reviewed and revised Completion Report (MD-7)
8. Approved Completion Report (MD-7);

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

Under this sub-component, the M&E team is tracking 25 milestones, of which five (5) were active during the last reporting cycle (2nd Q of FY 2022-2023). Among these, two (2) were “Completed late,” and remaining three (3) were programmed to be started within the next quarter (by March 31, 2023).

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	2	0	0	0	3	5

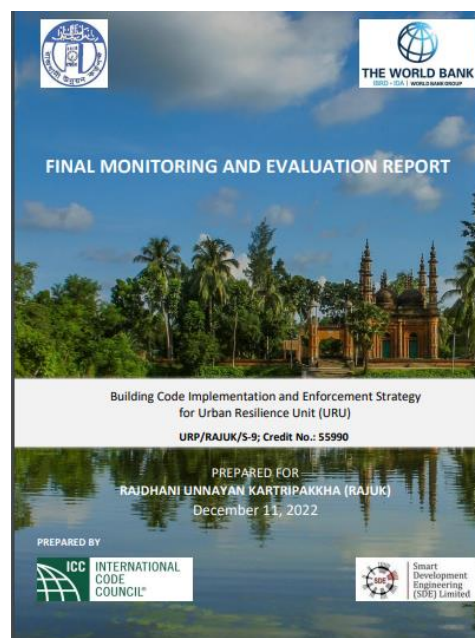
Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Completed late (2):

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

Main Accomplishments and Non-accomplishments

Under **Sub-component C-4**, International Code Council (ICC) and Smart Development Engineers (SDE) were appointed to undertake the consultancy service for Building Code Implementation and Enforcement Strategy. The objective of this engagement was 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 build field inspection and controls. Based on the above ToR, an Inception Report, a Situational Analysis Report, a Concept Note Report, a Proposed Program for Building Code and Construction Code Enforcement Report, a Training and Capacity Building Report, and an Educational and Outreach Campaign Report were submitted previously and validated by the client.



In the reporting quarter the main accomplishment was the draft and revised/final submission of the Monitoring and Evaluation Report. The consultant is now working on preparation of Annual Program Evaluation Report which was programmed to be submitted by February 28, 2023.

3-month Forecast:

As 2 (two) milestones are still due, those two are expected to be completed this quarter (2nd Q of FY 2022-2023). In addition, following three (3) more milestones are scheduled to be completed by March 31, 2023. Which are:

1. Submitted Annual Program Evaluation Report.
2. Reviewed and Revised Annual Program Evaluation Report.
3. Approved Annual Program Evaluation 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 107 milestones, among which 10 were active during this reporting quarter (2nd Q of FY 2022-2023). Out of those 10, six (6) were "Due, but on-going," and five (5) were "Due, but [had made] no progress," and the due 10 milestones are expected to be completed by March 31, 2023.

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	0	0	6	5	0	11

Source: Milestone Status Reports/Data Collection Forms for 2nd Quarter of FY 2022-23.

➤ Due, but on-going: (6):

1. Erection of Steel frame for G-9F done (W-1); the due date for completion was December 8, 2021. –currently, **12 months late.**
2. Casting concrete of lift core and floor; the due date for completion was December 15, 2021. –currently, **12 months late.**
3. Secondary structure such as wall, plaster etc done; the due date for completion was January 9, 2022. –currently, **11 months late.**
4. Floor/false ceiling/external wall etc completed; the due date for completion was February 23, 2022. –currently, **9 months late.**
5. Generator/substation/lift/ and other MEP work done; the due date for completion was March 23, 2022–currently, **9 months late.**
6. Project completion Report (Final Report) (S-11) floor; the due date for completion was June 30, 2022. –currently, **6 months late.**

➤ Due, but no progress (5):

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1. Installation, training and closing of Seismic Lab Equipment for URU (G-12); the due date for completion was May 15, 2020. –currently, **31 months late**.
2. Installation, Training and Closing of CPT equipment for Exploration of RSLUP profiles on a 200 kN Truck (G-17); the due date was January 9, 2021. –currently, **23 months late**.
3. Windows and doors fixing done; the due date for completion was May 17, 2022–currently, **7 months late**.
4. Commissioning for Facilities; the due date for completion was May 14, 2022–currently, **7 months late**.
5. Site handover; the due date for completion was June 12, 2022–currently, **6 months late**.

Major Accomplishments and Non-accomplishments

Among the most important milestones or deliverables completed during the 2nd quarter of FY 2022-2023 by RAJUK to construct the URU building were: (1) Erection of Steel frame for G-4F and Casting concrete of lift core and floor. (2) Piling and construction of sub-structure of laboratory building.

The URU construction work is already moving behind schedule. Additionally, the ineffective labour management concerns are causing further delays and disruptions, making it doubtful that the entire project will be completed by the extended deadline required (by April 30, 2023) or even by the end of the project period in October 2023.

On the other hand, the installation and training to use seismic lab equipment in the URU building (under G-12) and 200 KN Truck Mounted CPT Equipment for RSLUP (G-17) is also delayed for more than thirty months. Recently, the M&E firm received the latest time bound schedule (**Annex-8**) of the URU construction. In the upcoming quarter we will be monitoring the progress of the URU construction based on this attached construction timeline.

3-month Forecast:

As five (5) milestone are “due, but still on-going,” and five (5) are “Due, but [had made] no progress,” those ten (10) milestones are expected to be completed by the next quarter (3rd quarter of FY 2022-2023).

2.4 Component D: Project Coordination, Monitoring and Evaluation

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

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

There are 73 milestones that the M&E team has been tracking as milestones for PCMU, among which eight (8) were active for 2nd of FY 2021-2022. Of these, three (3) milestones were "completed," five (5) were "Due, but on-going," while the other two (2) milestones are planned to be completed in the 3rd quarter of FY 2022-2023.

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

Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Total
2	1	0	5	0	2	10

Source: Milestone Status Reports/Data Collection Forms for 19th Quarter

➤ **Completed on-time (2):**

1. Conduction of the Project Implementation Committee (PIC) Meeting (November 20, 2022)
2. Conduction of the 19th Project Steering Committee (PSC) Meeting (December 5, 2022)

➤ **Completed Late (1):**

1. Preparation and submission of the 18th Quarterly Progress Report (QPR).

➤ **Due, but on-going: (6)**

1. Preparation and submission of the 19th Quarterly Progress Report (QPR)
2. RDPP revision and 18-month time extension of PCMU part.
3. Contract extension and modification for M&E firm.
4. Contract extension and modification for Internal Audit firm
5. Recruit manpower through Outsourcing
6. Convene the quarterly Technical Committee Meeting

Accomplishments and Non-accomplishments

In this reporting period a Project Implementation Committee (PIC) meeting of the Urban Resilience Project (URP) (PCMU Part) was held under the Chairmanship of Mr. Khandker Ahsan Hossain, Chief (Additional Secretary), Programming Division and Convener of the Project Implementation Committee (PIC). This meeting mainly focused on the implementation progress of the decisions taken at the 17th and 18th Project Steering Committee (PSC) meeting regarding URP's DDM, DNCC, RAJUK and PCMU part. Detailed discussions also place in regard to the DPP approval of the URP PCMU part. As of December 2022, it was found that the DPP has been approved by the Physical Infrastructure Division (PID), Planning Commission and was waiting to be placed in the upcoming ECNEC meeting for final approval.



19th Project Steering Committee Meeting

The 19th Project Steering Committee (PSC) meeting of the project titled "Urban Resilience Project (URP) (PCMU Part)" was held on 05 December 2022 under the Chairmanship of Mr. Mamun Al Rashid, Secretary,

Planning Division, Ministry of Planning. In this meeting project update for DDM, DNCC, RAJUK and PCMU component was discussed in detail. He requested all concern to take necessary steps to complete the planned activities of the project in the timely manner.

As a continuous process, the M&E team submitted the 18th Quarterly Progress Report (QPR) covering the period from July 1, 2022, to September 30, 2022.

3-month Projection (2)

As the above six (6) milestones are “due, but still on-going,” those are expected to be completed this quarter (3rd Quarter of FY 2022-2023). In addition, following two (2) more milestones are expected to be completed by the 3rd quarter of the fiscal year.

1. Convene the quarterly Technical Committee meetings.
2. Convene quarterly 20th Project Steering Committee meetings.

It needs to be mentioned that although the contracts of the M&E firm have been expired on April 2022, the consultants are still working, moving to the sites, submitting the routine deliverables, and extending its assistance to PCMU for its DPP approval and time extension of the URP. In the past few quarters, the M&E team submitted the 16th, 17th, 18th Quarterly and 4th Annual Progress Report. The updates were presented in the Technical Committee Meeting, PSC and PIC meetings. The progress updates were also presented before the Secretary, Planning Commission and Member, Programming Division.

CHAPTER

3

Financial Progress for the 2nd Quarter of FY 2022-23

This section of the report categorically describes the financial progress of the implementing agencies based on the approved cost, quarterly allocation and disbursement. The URP was supposed to be completed by June 30, 2020. But, in the first three years, there was very little progress (at least in relation to what was expected). Therefore, in late 2019, the Government of Bangladesh (GoB) requested the World Bank to extend and restructure the Project. Subsequently, the Bank accepted that request and agreed to extend the Project for 22 months until April 2022. It also restructured the Results Framework, and reallocated Project funds among the four IAs. The project's key stakeholders requested a further time extension to complete the project activities allowing sufficient time at the 16th PSC meeting, acknowledging that the project's work was running behind schedule due to the impact of COVID-19 pandemic. Later, the World Bank has also raised the issue in their ISR mission (March 30 ~ April 17, 2022) and provided approval in the Aid memoir. The closing date was extended from April 30, 2022, to October 31, 2023. Agency-wise data on approved costs is presented in **Table 3.1**. It is shown that the Urban Resilience Project (URP) is being implemented at a total cost of 151,933 Lac BDT over nearly eight (8) years (August 3, 2015, to October 31, 2023). According to restructured allocation, more than 95% of the cost is in the form of a donor-provided "line of credit" from the World Bank. There are four implementing agencies: DNCC, RAJUK, DDM and PCMU. DNCC is the largest agency responsible for spending 81,222.64 Lac BDT (53.5%), followed by RAJUK at 53,665 Lac BDT (35.3%), DDM at 12,515 Lac BDT (8.2%) and PCMU at 4,530 Lac BDT (3%).

Table 3.1: Agency-wise Approved Costs for the Urban Resilience Project:

Implementation Agency (July 1, 2015 – October 31, 2023)	Total Cost	GoB	WB credit	Total (US\$ millions)
	(Lac Tk.)	(Lac Tk.)	(Lac Tk.)	
DNCC	81,222.64 (100%)	1,455 (1.8%)	79,767.64 (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	151,932.64 (100%)	6,235 (4.1%)	145,697.64 (95.9%)	US \$173

NB: Figures in parentheses indicate percentage.

3.1 DDM: Quarter and Quarterly Allocation vs Actual Expenditure

The Department Disaster Management (DDM) has been implementing URP's two Sub-components A-1 and A-5 at a total cost of 12,315 Lac BDT (or 15.17 million USD).

Financial Progress for the 2nd Quarter of FY 2022-23

The total RADP allocations for DDM was 1,970 lac BDT among which the quarterly target was 100 Lac BDT. It was found from the IMED-5 report of DDM that they had an expenditure of 95.15 Lac BDT which is also 95.15% of their quarterly allocation. From the previous quarter both the allocation and expenditure was increased for DDM.

Table 3.2: DDM's quarterly allocation vs. expenditures during October-December 2022 (in Lac BDT)

Component A: Reinforcing the Country's Emergency Management Response (EMR) Capacity	Expenditures for 1st Quarter (July-Sept) of FY 2022-23	Expenditures for 2nd Quarter (Oct-Dec) of FY 2022-23
Quarterly Allocation (Lac BDT)	50	100
Total Quarterly Expenditures	26.52	95.15
% of Total Expenditures to Allocation	53.04	95.15

3.2 DNCC: Quarter and Quarterly Allocation vs Actual Expenditure

DNCC has been implementing three sub-components of Component A: Reinforcing the country's emergency response management (ERM) system. The three sub-components under DNCC's management are to: Design, Build and Outfit Local City Corporations and FSCD with ERM facilities in Dhaka and Sylhet (**A-2**); Procure specialized emergency communications technology (ECT) equipment for ERM (**A-3**); and procure specialized search and rescue (SAR) equipment (**A-4**). These sub-components are being implemented by DNCC at a total cost of 81,222.64 Lac BDT (**95 million USD**).

Total expenditures incurred by DNCC in the 2nd Quarter of FY 2022 are presented in **Table 4.3**. In this Quarter of this fiscal year, **DNCC spent 1,473.89 Lac BDT, which is 4155.31% more than its quarterly allocation i.e., 35.47 lac BDT**. It has been reported earlier by the M&E team that there is a significant deviation of DNCC's quarterly expenditure compared to its quarterly allocation.

Table 3.3: DNCC's quarterly allocation vs expenditures during October-December 2022 (in Lac BDT)

Component A: Reinforcing the Country's Emergency Management Response (EMR) Capacity	Expenditures for 1st Quarter (July-Sept) of FY 2022-23	Expenditures for 2nd Quarter (Oct-Dec) of FY 2022-23
Quarterly Allocation (Lac BDT)	45.6	35.47
Total Quarterly Expenditures	1,624.61	1,473.89
% of Total Expenditures to Allocation	3,562.74	4,155.31

3.3 RAJUK: Quarter and Quarterly Allocation vs Actual Expenditure

RAJUK is implementing **Component B** (Vulnerability Assessment of Critical and Essential Facilities) and **Component C** (Improved Construction, Urban Planning and Development) at a **total cost of 53,665 Lac BDT (or 59 million USD)** over the entire project period. Its quarterly financial performance is presented below in **Table 3.4**. As can be seen in that table, **RAJUK spent 2,324.29 lac BDT, or about 116.2% of its quarterly allocation of 2,000 lac BDT in the 2nd Quarter of FY 2022-23**. Compared to the previous quarter (July-September of FY 2022-

23), its expenditures in the reporting quarter (Oct-Dec of FY 2022-23) increased by 2,293 Lac BDT.

Table 3.4: RAJUK's quarterly allocation vs expenditures during October-December 2022 (in Lac BDT)

Components B and C	Expenditures for 1st Quarter (July-Sept) of FY 2022-23	Expenditures for 2nd Quarter (Oct-Dec) of FY 2022-23
Quarterly Allocation (Lac BDT)	1,500	2,000
Total Quarterly Expenditures	30.53	2,324.29
% of Total Expenditures to Allocation	2.04	116.21

3.4 PCMU: Quarter and Quarterly Allocation vs Actual Expenditure

PCMU's expenditures consisted of payments made to the M&E and Audit consultants, salaries and allowances for its managers and staff as well as office supplies and services. PCMU's expenditures are presented in **Table 3.5**. In this reporting quarter PCMU reported no expenditure since the RDPP of component D has not yet been approved.

Table 3.5: PCMU's quarterly allocation vs expenditures in October-December 2022 (in Lac BDT)

Component D: Project Coordination, Monitoring and Evaluation	Expenditures for 1st Quarter (July-Sept) of FY 2022-23	Expenditures for 2nd Quarter (Oct-Dec) of FY 2022-23
Quarterly Allocation (Lac BDT)	95	95
Total Quarterly Expenditures	0	0
% of Total Expenditures to Allocation	0.00	0.00

3.5 Cumulative Financial Progress of URP: June 2015 - December 2022

As of December-2022, a total of about **125,505** lac BDT had been spent since the start of the URP back in June of 2015. This is about 82.71% of the total approved cost of **151,733** Lac BDT. Agency-wise progress as shown in **Table 3.7** indicates that DNCC has achieved the highest level of financial progress i.e., 92.49% over the life of the Project, followed by RAJUK at over 76.71%, PCMU at over 60.59%, and DDM lagging behind at about 52.52%.

Table 3.7: Overall Financial Progress of URP till September 2022

Implementing Agency	Total Approved Cost (RDPP)	Total Expenditure (Up to June 2021)		Total Expenditure (Up to June 2022)		Total Expenditure (Up to December 2022)	
	(In lac Tk.)	In Lac Tk.	In percent (%)	In Lac Tk.	In percent (%)	In Lac Tk.	In percent (%)
DNCC	81,223	67,413	83.00%	72,029	88.68%	75,127	92.49%
RAJUK	53,665	25,620	47.74%	38,811	72.32%	41,166	76.71%

Financial Progress for the 2nd Quarter of FY 2022-23

Implementing Agency	Total Approved Cost (RDPP)	Total Expenditure (Up to June 2021)		Total Expenditure (Up to June 2022)		Total Expenditure (Up to December 2022)	
	(In lac Tk.)	In Lac Tk.	In percent (%)	In Lac Tk.	In percent (%)	In Lac Tk.	In percent (%)
DDM	12,315	5,420	44.01%	6,346	51.53%	6,467	52.52%
PCMU	4,530	2,294	50.63%	2,745	60.59%	2,745	60.59%
Total	151,733	100,747	66.40%	119,930	79.04%	125,505	82.71%

CHAPTER

4

Challenges and Opportunities

This chapter summarizes the challenges and opportunities faced during the past quarter. During the last few quarters, continuation of the monitoring and evaluation work was the most challenging task for the URP M&E team as the contract was not yet renewed since May 2022. On the other hand, the progress of the overall project activities is still behind the schedule except the TED (Training, Exercise and Drill) program of DDM. DDM overcame its foremost challenge since the new TED program is running in full swing as per planned schedule.

The construction work of the Urban Resilience Unit (URU) of RAJUK and the Green Field tower of DNCC was delayed. The URU institutionalization process and piloting of the Electronic Construction Permitting (ECP) System at RAJUK appeared significantly behind programmed schedule. Following section categorically described the challenges facing the URP from the last few quarters.

5.1 Interruption of the Monitoring and Evaluation work for URP

From the 4th quarter of the previous fiscal year (FY 2021-22) the most significant challenges faced by the Monitoring and Evaluation team is the continuation of the M&E function for the Urban Resilience Project under component D. This challenge arises when the contract of the M&E team was expired with the planning commission in April 2022. The regular M&E work was disrupted, the M&E team had limited movement to the field with inadequate resources and consultants having no operational budget to conduct the Monitoring, Evaluation, Reporting and Verification activities (MERV) for the project. However, within this critical period the team worked to produce the scheduled deliverables and submitted the 16th QPR, 17th QPR, 18th QPR with 4th Annual Progress Report and the recent 19th QPR. This was a tremendous challenge for the M&E team to continue M&E task for the project without getting paid.

This had happened for the lengthy and delayed review and approval process of the DPP of the component D which was submitted for approval in February 2022. After that several Project Evaluation Committee (PEC) meetings were conducted for the review and approval. Although the RDPP was approved initially from the Physical Infrastructure Division, Planning Commission on September 11, 2022 but within the reporting period it was not approved from the ECNEC. As a matter of fact the contract with the M&E team was not signed..

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

Regarding the URU construction it was identified that in the first year of the construction phase, several inherent matters predominantly played role to slow down the projects progress. Those matters include the outbreak of the Covid-19 pandemic, the rainy season, and the inadequate supply of labour and equipment by the previous subcontractor. To overcome the issue of the subcontractor's inability in terms of labour and equipment a new sub-contractor having adequate equipment and manpower was appointed in order to getting momentum in work progress. Due to initiate a new setup and understanding the whole system, the Chinese contractor submitted a one-year time extension proposal beyond its original schedule. This proposal is still in the revision process. *But according to M&E team's observation RAJUK is*

Challenges and Opportunities

facing difficulties in managing the Chinese Construction firm to maintain the construction work schedule within the project duration.

Various construction materials like steel frames, different equipment and split parts needs to be imported from abroad, and those are supposed to be assembled while erection of the URU building. The recent global supply chain interruption and Letter of Credits (LC) opening issues from concerned Banks the import of URU building materials (different types of rolled structural steel section, roof sheeting profile, joint of web steel etc.) is disrupted. The inadequate supply and excessive price hike of the construction materials, inflation in the present economic crisis is also making the task challenging to complete the construction of 10 storey (with 2 basements) URU building and the 4-storey laboratory building (W-1) within the present duration of the project period.

5.3 Institutionalization of the URU and implementation of its staff functions are unlikely to be completed by Project closing period.

No progress made since last quarter in regard to operationalize the Urban Resilience Unit (URU). In the consultancy part with RTI (package S-6), necessary design for institutional and infrastructure arrangement were formulated for URU institutionalization. In addition, some training and capacity building was completed for staff with conduction of outreach campaign. While the institutional framework for URU operationalization has been formulated, RAJUK will require the necessary approval of this design from concerned Ministry. In these circumstances, the PIU is reviewing necessary policy documents those would be required to formulate an institutional framework for URU and obtain ministry approval.

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

The latest update was that the URU institutionalization proposal was sent from RAJUK PIU to RAJUK head office on December 3, 2022. After necessary review, it has been sent to the Ministry of Housing and Public Works (MoHPWs).

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

5.4 Activation of the Electronic Construction Permitting (ECP) System is delayed

With a view to activate the ECP, no significant progress made since last quarter. The Electronic Construction Permission (ECP) System was launched on last September 2021. Piloting activities of ECPS (Electronic Construction Permitting System) was supposed to start in the meantime. As the O&M period for this service is scheduled for two years, the consulting firm will provide necessary supports after launching of the system within this period.

Although, the Memorandum of Understanding (MoU) between selected Banks and RAJUK has been signed for the payment gateway and some training was provided to conduct the ECP; RAJUK couldn't yet start the piloting of the ECP system even after one year of luncthing the system. If these institutional arrangements can't be ensured in a timely manner, there will be limited time for piloting the system within the existing O&M period.

5.5 Challenge associated the Completion of the remaining tasks of DNCC.

Since the delivery of much awaited Rescue Boats was cancelled as the supplier couldn't deliver this within their extended scheduled period. This package was re-tendered again to complete the procurement.

Followed by tendering and maintaining all process it is a challenge and predicted that it will not be possible for DNCC to collect the rescue boat within the existing duration of the project. In addition, DNCC undertook two new packages under sub-component A-3 i.e., i) Installation of the Surveillance System for EOC of DSCC and ii) Recruitment of a ICT Equipment Supervisory consultancy firm. Within the reporting period, the tender process has not yet been started for these packages.

The best prediction of the M&E team that all these pending and additional tasks will be a challenge for DNCC to complete within the October 2023.

5.6 Resolve the financial dispute of previous TED Program

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

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

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

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

Challenges and Opportunities

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

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

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

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

CHAPTER

5

Recommendations and Conclusions

In this section, the conclusions reached by the M&E team based on our findings of the results achieved, and our recommendations are aligned with those conclusions. In this 19th QPR following conclusions and recommended actions are proposed based on the findings reported in previous chapters.

6.1 Resume the Monitoring and Evaluation service

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

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

6.2 RAJUK's management of construction and operationalization of Urban Resilience Unit (URU), Activation of ECPS to achieving the PDO

In the earlier chapters we have discussed our concerns at length about the delays that have been experienced in the construction of RAJUK's URU building. The physical construction work is still behind its schedule. We recommend that RAJUK needs to effectively follow up with the civil contractor (China State Construction Engineering Corporation Ltd.) and its local part and closely monitor and ensure the construction of the URU (both the W1 and S-11) to be completed by its scheduled duration. **We recommend that RAJUK make effective coordination among the Design & Supervision consultants, Contractors and Construction company.**

In terms of the URU operationalization, RAJUK couldn't yet develop the competencies needed to perform the key functions by its planned URU staff that were intended to be strengthened and supported under the six sub-components of Components B and C of the URP. This remains one of the most important challenges facing the URP's implementation in its current phase as well as in future potential phases.

However, our recommendation for RAJUK to fully staff and train them because *none* of these intended outcomes will ever be achieved until this happens. We therefore strongly recommend that the URU institutionalization strategy be finalised and approved by

RAJUK authorities and relevant Government ministries within the proposed 18-month extension. Necessary provision of required staff and capacity building programs for URU operationalization needs to be indicated in the 18-month DPP.

In addition, it has been reported earlier that even after one year of launching the program the piloting of the ECP system couldn't be started yet. **Therefore, we strongly recommend that RAJUK needs to start the piloting process immediately.** This will allow enough time for piloting and further testing process and lead to establish the full functionality of the system within the limited O&M period.

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

The delivery and installation of the ICT equipment for the command-and-control room, EOC and ERCC can't been completed within the 10-month project extended period (December 2022) of DNCC. In addition, the completion of the procurement of the Rescue Boats with two new packages under sub-component A-3 i.e., i) Installation of the Surveillance System for EOC of DSCC and ii) Recruitment of an ICT Equipment Supervisory consultancy firm- also can't be completed logically within the December 2022.

It is recommended that DNCC extends its project implementation period up to the approved extended period (18-month) of URP that ends in October 2023 and conduct close monitoring of these activities to successfully completion of the mentioned tasks.

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

It has been reported earlier that within the A-2, A-3 and A-4; most of the activities of A-2 and A-4 have been completed by DNCC. Under A-3, the ECT equipment procurement and installation also near to completion for Green Field and Rooftop tower. We have indicated several times before; **the operation and maintenance (O&M) of equipment and facilities remains a major challenge of the project going forward in the last four years of its implementation.** The importance of this cannot be overstated given the sizeable investment in equipment and facilities made over the past six years. **Therefore, the Project needs to create adequate and on-going budgets and training to sustain the operational effectiveness of these huge investments in equipment and facilities.** This can be achieved through continual training for staff, developing retention and absorption plans to mainstream human resources, and allocating adequate recurring budgets to maintain the inventory of current equipment, and pay for new equipment. **However, the issue of operation, maintenance and need for additional manpower is not the only responsibility of DNCC and FSCD but this matter needs to be addressed collectively and make provision for this fund in the DPP for the next 18-month extension phase.**

Specially the staff support for Emergency Operation Centres (EOCs) for City corporations and Command and Control Centres (CCC) for FSCD need to have provisioned in the revised DPP of 18-month.

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

management planning and to assess any remaining gaps in equipment or facility if needed further.

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

6.5 Sub-components A-1 and A-5 managed by DDM.

The DDM's implementation of TED program is on track now. But given the previous experience of TED program implementation, it is recommended that DDM continues a close monitoring of the implementation progress of its ongoing TED activities so that it completes within the new schedule. This will mitigate the challenges associated with not achievement of the *Project development Objectives Indicator 3 (Increased capacity of officials and emergency management response personnel)*, *Intermediate Results Indicator 6 (Multi-agency exercises and drills completed)* and *7 (Training sessions to government officials and emergency management personnel delivered)*.

We also recommend that DDM PIU keeps the PCMU, and URP M&E team better informed about their regular and upcoming events so that this progress is well reported and presented before the key decision makers of the project.

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

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	Update of Goods, works and Services packages
Annex-5	Structural Engineer training program under S-8A package of RAJUK
Annex-6	BNBC Training Courses under S-9 package of RAJUK
	A- General, Structural and Inspection
	B- Fire & Life Safety, Building Services, Accessibility, Energy, Planning
	C-BNBC Seismic Training
Annex-7	List of training activities & drill under the TED Programme
Annex-8	List of Remaining Works & Programme Schedule of URU Construction
Annex-9	Tender Notice of Rescue Boat

Annex 1: URP Results Framework

Project Development Objective Indicators						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Wards with decentralized emergency response services in Dhaka (DNCC/DSCC jurisdiction)	Number	Value	0.00	68.00	68.00	68.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		All Warehouses of DNCC and DSCC are equipped with SAR and ECT kits	All Warehouses of DNCC and DSCC are equipped with SAR and ECT kits	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Wards with decentralized emergency response services in Sylhet (SCC jurisdiction)	Number	Value	0.00	20.00	20.00	20.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		All Warehouses of SCC are equipped with SAR and ECT kits	All Warehouses of SCC are equipped with SAR and ECT kits	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Increased capacity of officials and emergency management response personnel	Text	Value	2.00	4.00	4.00	Baseline +3
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		New TED contract signed with UNDP through direct contracting method using UN Agency Standard Forms of Agreement for Use by World Bank Borrowers.	Baseline determined as 2 (basic knowledge on emergency management). At the Year 7 (October 2022) the actual value is determined as 4. Determination of the baseline and present status developed by TED consultants	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Systems established to reduce vulnerability of new buildings	Number	Value	0.00	2.00	2.00	4.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		The Electronic Construction Permitting (ECP) system has launched. Risk-sensitive Land Use Planning (RSLUP) strategy has been prepared. Establishment for two other systems (URU, PAP) on-going.	The RSLUP strategy and the ECP system have been developed. Establishment of two more systems (URU and PAP) ongoing.	Number of systems to be established are revised from 3 to 4. This includes the original, Urban Resilience Unit, Electronic Construction Permitting, Professional Accreditation Program developed and/or strengthened, and the new system, Risk Sensitive Land Use Planning Practice.

Intermediate Results Indicators						
Component A: Reinforcing the Country's Emergency Management Response Capacity						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DDM facilities renovated (ERCC, NDMRTI)	Number	Value	0.00	2.00	2.00	2.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		All construction work has been completed. ECT suits are yet to install by DNCC	All construction work has been completed. ECT suits are yet to install by DNCC	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
FSCD facilities constructed and/or renovated	Number	Value	0.00	28.00	28.00	28.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target already achieved. Those facilities include Two (2) FSCD Command & Control Room, 13 Emergency Warehouses and 13 Auxiliary Control Room	Target already achieved. Those facilities include Two (2) FSCD Command & Control Room, 13 Emergency Warehouses and 13 Auxiliary Control Room	Number of facilities revised due to space/land availability and institutional requirements. Auxiliary control rooms reduced from 17 to 13. Emergency warehouses increased from 12 to 13.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DNCC/DSCC/SCC facilities constructed and/or renovated	Number	Value	0.00	30.00	30.00	30.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Targets already achieved. Facilities include 8 Warehouses (Dhaka), 3 EOC (for each CC) 1 URU (SCC), 8 DRM Offices (for each WR), 10 Zonal Control Rooms	Targets already achieved. Facilities include 8 Warehouses (Dhaka), 3 EOC (for each CC) 1 URU (SCC), 8 DRM Offices (for each WR), 10 Zonal Control Rooms	Number of facilities revised as per institutional requirements from 26 to 30.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
DDM/DNCC/DSCC/SCC/FSCD and Satellite Control Room facilities equipped with ECT suites and/or kits	Number	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target already achieved. All planned ECT suits, and flyaway communication kits have been purchased. Kits and suits installation & testing are ongoing.	Target already achieved. All planned ECT suits, and flyaway communication kits have been purchased. Kits and suits installation & testing are ongoing.	Revised as per institutional requirements. During implementation, need for additional flyaway emergency communication kits was identified and included.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
FSCD emergency management warehouses equipped with specialized search and rescue equipment	Number	Value	0.00	13.00	13.00	13.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target already achieved. (11 Dhaka, 2 Sylhet)	Target already achieved. (11 Dhaka, 2 Sylhet)	Number of emergency management warehouses equipped revised from 12 to 13 as per institutional requirement.

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Multi-agency exercises and drills completed	Number	Value	0.00	1.00	8.00	12.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		New TED contract signed with UNDP through direct contracting method using UN Agency Standard Forms of Agreement for use by World Bank Borrowers.	As of March 2023, total 8 number of Drills and Exercises have been completed.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Training sessions to government officials and emergency management personnel delivered	Number	Value	0.00	9.00	28.00	40.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		New TED contract signed with UNDP through direct contracting method using UN Agency Standard Forms of Agreement for use by World Bank Borrowers. Training programs ongoing.	As of March 2023, total 28 number of training and workshops have been completed.	This is a new indicator added during restructuring. Adding an indicator on training sessions, this was part of the original project scope but was not reflected in the original results framework.
Component B: Vulnerability Assessment of Critical and Essential Facilities						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Identified and prioritized critical and essential facilities and lifelines for Dhaka	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target already achieved. Critical & essential facilities and lifelines identified as planned 5 million square meter RVA	Target already achieved. Critical & essential facilities and lifelines identified as planned 5 million square meter RVA	
Indicator Name	Unit of Measure		Baseline	completed. Actual (Current)	completed. Actual (Current)	Target
Vulnerability of prioritized critical and essential facilities and lifelines assessed for Dhaka	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target achieved. Required number of PEA and DEA completed.	Target achieved. Required number of PEA and DEA completed.	
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Vulnerability reduction strategy and program for Dhaka developed	Yes/No	Value	No	Yes	Yes	Yes
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target achieved. Long term investment strategy (MD-8) has been proposed.	Target achieved. Long term investment strategy (MD-8) has been proposed. Vetting	This is a new indicator added during restructuring. This was part of the

				Vetting and validation were also done.	and validation done.	project scope but was not reflected in the original results framework.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Risk-sensitive land use planning practice for Dhaka developed	Percentage	Value	0.00	100.00	100.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Target achieved. A complete Risk-sensitive Land Use strategy has been developed for Dhaka.	Target achieved. A complete Risk-sensitive Land Use strategy has been developed for Dhaka.	This is a new indicator. This was part of the original project scope, sub- component B2 (Support Development of RSLUP in Dhaka) but was not reflected in the original results framework.
Component C: Improved Construction, Urban Planning, and Development						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
E-Permits for construction issued by RAJUK	Text	Value	0.00	0.00	0.00	Baseline + 30%
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Baseline will be set one year after system is publicly launched. Online payment gateway finalized. Required training programs completed. ECP Piloting is yet to start.	Baseline will be set one year after system is publicly launched. Online payment gateway finalized. Required training programs completed. ECP Piloting is yet to start.	The system is scheduled to be deployed by April 2020 including baseline determination. The Progress is set to be counted from deployment till April 22.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Urban Resilience Unit facility of RAJUK constructed	Percentage	Value	0.00	40.00	45.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Pilling of laboratory building done. Construction work of vertical and horizontal framework of steel section for L-2 completed. Lift core and stair casting done.	Sub-structure of laboratory building done. Construction work of vertical and horizontal framework of steel section for L-4 completed. Lift core and stair casting done.	
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Urban Resilience Unit facility of RAJUK equipped with laboratory and field-testing equipment	Percentage	Value	0.00	75.00	75.00	100.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Vendor Trainings for most of the delivered equipment have been completed. Few training programs delayed due to Covid.	Vendor Trainings for most of the delivered equipment have been completed. Few training programs delayed due to Covid.	

Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
New building code implementation and enforcement strategy developed	Yes/No	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		Education and outreach Campaign completed. Development of Monitoring and Evaluation Report; and Annual Evaluation report pending.	Education and outreach Campaign as well as Development of Monitoring and Evaluation Report completed.; Only Annual Evaluation report pending.	This is a new indicator. This was part of the original project scope, covered under C4: Improved Building Code Enforcement, but was not reflected in the original results framework.
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Professional Accreditation Program (PAP) developed and/or strengthened	Text	Value	No	No	No	Yes
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		48 training sessions for Struct. Eng. conducted. Demand analysis report and concept note report are published. The exams for SEng are done on November 10 and 17, 2022. PAP design report and Pilot testing design report yet to complete.	Design of PRP Portal has been finalized and submitted. PAP design report and Pilot testing design report yet to complete.	This indicator was revised. Defined further detail during implementation. For Structural Engineers the PAP will be developed, for other major engineering disciplines (mechanical, electrical), architects, and planners, the current accreditation will be strengthened.
Component D: Project Coordination, Monitoring, and Evaluation						
Indicator Name	Unit of Measure		Baseline	Actual (Current)	Actual (Current)	Target
Monitoring Reports produced	Number	Value	0.00	22.00	23.00	24.00
	Sub Type	Date	31-May-2015	30-November-2022	26-March-2023	30-October-2023
		Comments		As of November 2022, the M&E team submitted 18 QPR and 4 APR in total.	As of March 2023, the M&E team submitted, 19 QPR and 4 APR in total.	This indicator was revised to reflect the number of reports to be produced within the project period after delay contract signing

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

A. 19th Quarter (October ~ December 2022) 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	1	0	2	0	0	3
A2 (DNCC) Renovation and Outfitting of City Corporation and FSCD ER facilities	0	0	0	2	2	0	4
A3 (DNCC) Specialized ECT Equipment Procured	0	2	0	10	0	0	12
A4 (DNCC) Procurement of Search & Rescue equipment	0	0	0	0	0	0	0
A5 (DDM) Multi-Agency Training, Exercises & Drills Program	7	0	0	0	0	16	23
B1 (RAJUK) Vulnerability assessment of critical and essential facilities and lifelines	0	1	0	0	0	0	1
B2 (RAJUK) Risk sensitive land use planning practice	0	0	0	0	0	0	0
C1 (RAJUK) Create and operationalize the Urban Resilience Unit	0	0	0	2	0	0	2
C2 (RAJUK) Establish an Electronic Construction Permitting System	0	0	0	1	0	0	1
C3 (RAJUK) Set Up a Professional Accreditation Program	0	0	0	4	0	8	12
C4 (RAJUK) Improve Building Code (BNBC) Enforcement	0	2	0	0	0	3	5

Component Name	Completed on time	Completed late	On-going	Due, but on-going	Due, but no progress	3 Month projection	Sub-total
URU Building (RAJUK) with Lab equipment	0	0	0	5	5	0	10
D (PCMU) Project Coordination, Monitoring and Evaluation	2	1	0	6	0	2	11
Total	9	7	0	32	7	29	84

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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-	-	-	-	-	-	-	-	-	-	-	Mirpur-10	-	-	-	-	-	-	-	-	-	-	1	1
7	Auxiliary Control Room (Dhaka & Sylhet)	Zone-1,	Zone-2,	Zone-3,	Zone-4,	Zone-5,	Zone-2,	Zone-3,	Zone-5,	Sadarghat	Postagola	Demra	Khilgoan	Hazaribagh	Kalyanpur	Tejgoan	Diabari,	Tongi	Savar	Mirpur-10	South	-	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 Commission	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	-	-	-	-	-	-	-	-	-	-	-	-	-	SCC Building	1	2	

Annex-4: Update of Goods, works and Services packages

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

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Works contracts																		
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.	FSCD	1	964.68	859.22	OTM (NCT)	No		4-Apr-18		28-May-18	12/31/2018, June 30, 2019	30-Sep-19	Confidence Steel Ltd.	100%	Work is Completed.
2	URP-DNCC/W-1.2	Construction of FSCD Command & Control Center including Warehouses at South Surma, Sylhet.	Nos.	FSCD	3	771.12	694.01	OTM (NCT)	No				29-Mar-18	12/31/2018, June 30, 2019	30-Sep-19	Belal & Brothers.	100%	Work is Completed. (1 C&CC with 2 WH)
3	URP-DNCC/W-2.1	Construction of Emergency Operation Center (EOC), DRM Office and Urban Resilience Unit at SCC ,Sylhet. (Vertical	Nos.	SCC	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)	100%	Work is Completed. 41

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		extension of 5th floor of SCC Nagar bhaban, Sylhet)																
4	URP-DNCC/W-2.2	Building Emergency Operating Centre (EOC), DRM Office and Urban Resilience Unit at DSCC, Dhaka.	Nos.	DSCC	1	152.70	135.75	OTM (NCT)	No		15-Oct-18		18-Nov-18	3/30/2019, Sep25, 2019	6-Aug-20	M/S Nirman Prokausholy	100%	Work is Completed.
5	URP-DNCC/W-2.3	Construction of Emergency Operating Centre (EOC) at DNCC, Dhaka.	Nos.	DNCC	1	255.99	228.86	OTM (NCT)	No		11-Nov-19		22-Dec-19	21-May-20	30-Jun-20	S.M Rahman International	100%	Work is Completed.
6	URP-DNCC/W-2.4	Construction of Greenfield Tower at DNCC, DSCC and SCC.	Nos.	CC	8	920	903.43	OTM (NCT)			21-Apr-21		28-Oct-21	26-Apr-22		Concrete & Steel Technologies Ltd.	20%	Ongoing work,
7	URP-DNCC/W-2.5	Construction of Greenfield Tower at FSCD	Nos.	FSCD	10	1150	1129.35	OTM (NCT)			21-Apr-21		29-Jun-21	28-Jan-22		Concrete & Steel Technologies Ltd.	20%	Ongoing work,
8	URP/DNCC/W-3.1	Construction of 13 Warehouses at FSCD.	Nos.	FSCD	11	849.89	908.046	OTM (NCT)	No		26-Jan-17		24-Apr-17	3/31/2018, 5/31/2018, 9/30/2018	30-Sep-18	M/S. Belal & Brothers	100%	Work completed. (11 Nos.)
9	URP-DNCC/W-3.2	Construction of 5 Warehouses at DNCC	Nos.	DNCC	5	426.13	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.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Price (Taka in lakh)	Procedure/ Method	Prior Review (Yes/No)	Date of Bid Opening		Date of Contract Signing		Date of Completion		Name of Contractor	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
10	URP-DNCC/W-3.3	Construction of 3 Warehouses at DSCC	Nos.	DSCC	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.
11	URP-DNCC/W-3.4	Erection and Fabrication of Signboard at emergency warehouse of City corporation.	Nos.	CC	8	10.00	6.11	OTM (NCT)	No				28-Jun-18	27-Jul-18	27-Jul-18	M/s. Syam Enterprise	100%	Work completed.
12	URP-DNCC/W-3.5	Erection and Fabrication of Signboard at emergency warehouse of FSCD.	Nos.	FSCD		10.00	7.62	OTM (NCT)	No				15-Oct-18	N/A	14-Nov-18	M/S. Biuld Connection	100%	Work completed.
13	URP-DNCC/W-3.6	Construction of Security fence (Grill) inside and outside the warehouse of DNCC.	Nos.	DNCC	5	10.00	9.64	OTM (NCT)	No				15-Oct-18	N/A	24-Nov-18	M/S. Ayan Construction	100%	Work completed.
14	URP-DNCC/W-3.7	Construction of Security fence (Grill) inside and outside the warehouse of DSCC.	Nos.	DSCC	3	10.00	7.62	OTM (NCT)	No				5-Dec-18	N/A	25-Dec-18	M/S. Enovation Construction	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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.	FSCD		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.	FSCD		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%
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.	DNCC		1009.36	486.49	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
4		Procurement of Specialized ICT Equipment (VHF and HF Radio Terminals and Related Installations) for DNCC, Lot-2(HF)	Nos.	DNCC		912.00	673.72	OTM (ICB)	Yes					22-Oct-18	21-Apr-19	N/A	Codan Ltd., Austrilia (Core Corporation)	Canceled
5	URP-DNCC/G-1.3	Procurement of specialized ICT Equipment (UHF) Radio Technical's and related installation for DSCC.	Nos.	DSCC		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 (Comunicati ons Systems Ltd.)	100%	Work completed. L.C open on 13/9/2019, Shipment done on 28/7/2019

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
6	URP-DNCC/G-1.4	Procurement of Specialized ICT Equipment (Lot-01: DRM Network, UHF Radio Terminals and Related Installations) for SCC	Nos.	SCC		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.)	95%	Delivery Complete, Installation on-going. (1 site complete & 1 site pending out of 2 site)
7		Procurement of Specialized ICT Equipment (Lot-02: HF Radio Terminals and Related Installations) for SCC	Nos.	SCC								7-Nov-18			N/A	N/A	Cancelled	Cancelled 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.	SCC		2520.00		OTM (ICB)	No		12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Cancelled	Cancelled & Provide New Package G-1.18 (G-1.5 with G-1.12) due to lack of similar experience of the bidder.
9	URP-DNCC/G-1.6	Procurement of ICT Equipment for Command and Control Room(CCR) at FSCD, Sylhet	Nos.	FSCD		2520.00		OTM (ICB)	No	11-Feb-19	12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Cancelled	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.	FSCD		2940.00		OTM (ICB)	No	14-Feb-19	12/20/2018, Re-Tender opening-1/22/2020	4/30/2019, 4/30/2020	N/A	9/30/2019, 10/30/2020	N/A	N/A	Cancelled	Cancelled & Provide New Package G-1.19 (G-1.6 with G-1.7)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
11	URP-DNCC/G-1.8	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-VHF) for FSCD	Nos.	FSCD		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	April-May, 2021 (Delivered by 3 lot)	Hytera Communications Corporation Ltd. China	98%	Delivery done. Installation on-going. (53 site complete, 49 site ongoing out of 102 site))
12	URP-DNCC/G-1.9	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DNCC	Nos.	DNCC		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.)	95%	Delivery Complete, Installation on-going. (4 site complete & 2 site pending out of 6 site)
13	URP-DNCC/G-1.10	Procurement of Specialized ICT Equipment (DRM Network and Related Installations-UHF) for DSCC	Nos.	DSCC		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.)	95%	Delivery Complete, Installation on-going. (4 site complete & 1 site pending out of 5 site)
14	URP-DNCC/G-1.11	Procurement of ICT Equipment for warehouses for DNCC and DSCC (Laptop, CC Camera, CCTV etc)	Nos.	DNCC/DSCC		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.	DSCC		2730.00		OTM (ICB)	No	18-Feb-19	19-Mar-19	30-May-19	N/A	30-Nov-19	N/A	N/A	Canceled	46 Cancelled & Provide New Package G-1.18 (G-1.5 with G-1.12)

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
16	URP-DNCC/G-1.14	Procurement of ICT Equipment for Emergency Operation Center (EOC) at DNCC.		DNCC		2795.58	2005.64			10-Feb-20	19-Mar-20	30-Jun-20	13-Dec-21	30 Mar-21, 30 Sep, 21, 02 Jan-22	Partially delivered on March, 22	CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	on going	Contract sign on 13 Dec, 2021, L.C opened on Jan 28,2021, Waiting for delivery.
17	URP-DNCC/G-1.15	Procurement of ICT Equipment for ERCC & NDMRTI under DDM		DDM		2071.88	1740.006			2/10/2020, 12/31/2020	21-Jan-21	30-Jun-20	23-Aug-21	30 Apr, 2022	N/A	CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	on going	Contract sign on 30 Apr, 2021, Waiting for delivery. L. C Opened on 02 Sep. 2021
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	151.09			30-May-20	22-Oct-20	30-Jun-20	26-Jan-21	12/30/2020, 7/25/2021, 9/30/2021	27-Oct-21	Legacy Furniture (Pvt.) Ltd.	100%	Delivery done on 27 Oct 2021.
19	URP-DNCC/G-1.17	Procurement of Mobile command & control vehicles (1 Truck & Van)		FSCD	1	4540.73				29-Feb-20	24-Mar-20			N/A	N/A	N/A	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.		DSCC/SCC		5338.63	4623.26			15-Feb-20	13-Feb-20	15-May-20	28-Mar-21	12/30/2021, 3/27/2022	Partially delivered on March, 22	CEIEC-LT Joint Venture of China National Electronics Import & Export	on going	NOA issued on 28 Feb,2021 from Bank. Contract Sign done. LC Opened on May 5, 2021.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
																Corporation (CEIEC)		
21	URP-DNCC/G-1.19	Procurement of ICT Equipment for Command and Control Room (CCR) at Dhaka & Sylhet.		Dhaka/Sylhet		5375.64	4302.02			15-Feb-20	2-Mar-20	15-May-20	28-Mar-21	12/30/2021, 3/27/2022	Partially delivered on March, 22	CEIEC-LT Joint Venture of China National Electronics Import & Export Corporation (CEIEC)	ongoing	NOA issued on 28 Feb,2021 from Bank. Contract Signed done. LC Opened on May 5, 2021.
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.	FSCD	22	9574.00	5469.57 (747720600 Yn)	OTM (ICB)	Yes				11-Jul-17	10-Mar-18	1st 11 nos delivery were 30/08/18. and 2nd 11 nos delivery were 10/11/18	Morita Corporation, Japan(M/S. Sadman Associates)	100%	Work completed.
2	URP-DNCC/G-2.2	Supply of Specialized SAR Equipment (Water Rescue vehicle and boat) for FSCD. (5 Units)	Nos.	FSCD	5	518.12	550.94 (77500000 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.
3	URP-DNCC/G-2.3	Specialized Search and Rescue (SAR) Equipment (tenders for Breathing Apparatus - 06 nos)(Fire Fighting Vehicle)	Nos.	FSCD	6	1643	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. LC Amendment-30/04/2019

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										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
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.	FSCD	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.	FSCD	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.	DNCC/DSCC	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. LC Amendment-08/01/19
7		Supply of Specialized Search and Rescue Equipment for city corporation (Lot-2: Mortuary Van)	Nos.	DNCC/DSCC	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-2.7	Procurement of Search and Rescue Equipment (SAR) for City Corps	Nos.	DNCC/DSCC	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.
9	URP-DNCC/G-2.8	Rescuer Carrying Vehicle (7.5 Ton Truck) for FSCD-06 trucks	Nos.	FSCD	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

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
10	URP-DNCC/G-2.9	Procurement of Turn Table Ladders Tender (64m) for FSCD (03 Nos)	Nos.	FSCD	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.	FSCD	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%	Work completed.
12	G-2-11.2	Procurement of Search and Rescue Equipment (Rescue Boat)	Nos.	FSCD	3	988.36	758.55	OTM (ICB)	No	31-Oct-18	28-Mar-19	31-Dec-18	8-Apr-20	4/30/2021, 11/30/2021	N/A	E-pearsion Company Ltd. (Ireland)	on going	LC Opened on 01/6/2020. Shipped within July 2021. Time extened on 30/11/2021 but supplier requests for March-2022
13	URP-DNCC/G-3	Procurement of Heavy Equipment (Lot-1: Crane)	Nos.	cc	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.	CC	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.
15		Procurement of Heavy Equipment (Lot-3: Chain Type Excavator)	Nos.	CC	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.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Prior Review (Yes/ No)	Date of Bid Opening		Date of Contract Signing		Date of Delivery		Name of Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
16		Procurement of Heavy Equipment (Lot-4: Dozer)	Nos.	CC	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-4.3	Procurement of Motor cycle	Nos.	CC	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%	6.2
18	G-6.4 A	Procurement of Furniture for Warehouse.	Nos.	CC		70.36	66.75	OTM (NCB)					17-Jan-18	15-Jun-18	16-Jun-18	M/S. Shahjahan Enterprise.	100%	66.75

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
									Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19
Service contracts																	
1	URP-DNCC/S-1	Individual Consultant as Procurement Specialist (National)	Person	PIU,DNCC	1	240.00	177.88	OTM (NCB)				20-Apr-16		31-Aug-18	Mr. Munir Siddiquee	100%	Work completed.
2	URP-DNCC/S-1a	Individual Consultant at procurement Specialist(National)	Person	PIU,DNCC	1	157.25	69.92	OTM (NCB)				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)	Person	PIU,DNCC	1		160.22	OTM (NCB)				7-Feb-16			Mr. Nasir Ahmed	100%	Work completed.
4	URP-DNCC/S-2a	Individual Financial Management Consultant and Planning Specialist (National)	Person	PIU,DNCC	1	240.00	113.38	OTM (NCB)				13-Nov-17	30-Jun-20	30-Sep-19	Mr. Abdul Hamid	100%	Work completed.
4	URP-DNCC/S-2B	Individual Financial Management Consultant and Planning Specialist (National)	Person	PIU,DNCC	1	125.26	125.26	OTM (NCB)				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	PIU,DNCC	1	280.00	321.97	OTM (ICB)				1-Jun-16	6/30/2020, 6/30/2021		Mr. Trevor Glass		Work is ongoing.
6	URP-DNCC/S-4	Individual Consultant for International as Information & Communication Technology (ICT) Expert	Person	PIU,DNCC	1	280.00	255.72	OTM (ICB)				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	PIU,DNCC	1	69.97	69.97	OTM (NCB)				15-Jan-17	1/14/2019, 1/14/2020, 4/30/2022		Md. Akramul Haque Chowdhury		Work is ongoing. 52

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
									Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19
8	URP-DNCC/S-5.3	Individual Consultant (Short-Term) for Junior Procurement Specialist	Person	PIU,DNCC	1	68.26	68.26	OTM (NCB)				24-May-17	11/22/2019, 4/30/2022		Md. Nowshad Alam	100%	Work completed.
8	URP-DNCC/S-5.3b	Individual Consultant (Short-Term) for Junior Procurement Specialist	Person	PIU,DNCC	1	23.65	68.26	OTM (NCB)				30-Sep-19	8/3/2020, 4/30/2022		Md. Nowshad Alam		Work is ongoing.
9	URP-DNCC/S-6	Design & supervision consultancy for outfit DRM facilities in Dhaka & Sylhet.		PIU,DNCC	1	100.00	113.52	OTM (NCB)				8-Feb-17	30-Jun-19		Environ Structure Ltd.		Work is ongoing.
10	URP-DNCC/S-7	GIS- Phase 1: Need Assesment for Implementation of GIS Infrastructure in the Urban Resilience Project.		PIU,DNCC		150.00	130.78	OTM (NCB)				11-Mar-19	10-Jul-19		Streams Tech Ltd. Bangladesh		Progressing of Tender Evaluation
11	URP-DNCC/S-8	Enhancement the effectiveness of DRR Emergency Warehouse		PIU,DNCC		129.95		OTM (ICB)				31-Jan-19	13-Jan-20	29-Dec-19		100%	Work completed.
12	URP-DNCC/S-9	Preparation of GIS based Maps (Ward Level) at DNCC, DSCC & SCC.		PIU,DNCC		1598.10	977.42	OTM (NCB)		11-Apr-19		29-Jul-20	10/30/2020, 10/28/2021		Joint Venture of (1) Center for Environmental and Geographic information Servicess (Lead). (2) Streams Tech Ltd.	on going	Work Ongoing. Inception Report, Midterm Report (3 Oct,2021) delivered to DNCC, Final Base Map Report work on-going
13	URP-DNCC/S-10	Sub soil exploration and testing at different location under FSCD		PIU,DNCC	10							24-Oct-20	30-Nov-19	24-Nov-19	Contemporary Engineering Ltd.	100%	Work completed.

Sl. No	Contract Package Number	Contract Description	Unit	For Agency	Qty/ Nos.	Estimated Contract Amount (Tk in lakh)	Actual Contract Amount (Tk in lakh)	Procedure/ Method	Date of Proposals Submission		Date of Contract Signing		Date of Completion		Name of Consultant/ Firm	Progress [%]	Remarks
									Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19
14	URP-DNCC/S-11	Sub soil exploration and testing at different location for construction of Green Field Tower under DNCC, DSCC & SCC.		PIU, DNCC	8							7-Jan-20	30-Jan-20	5-Feb-20	Contemporary Engineering Ltd.	100%	Work completed.
	URP-DNCC/S-14	Consultancy Services for Construction Supervision of Greenfield Tower under DNCC, DSCC, SCC and FSCD		PIU, DNCC	1	24.96	21.40					13-Sep-21	12-Mar-22		Environ Structure Ltd.		Under Process
15	URP-DNCC/NCS-1	Procurement of Pre-shipment Inspection company.		PIU, DNCC	1	100.64	103.92	OTM (NCB)				24-Jan-18	6/30/2020, 4/30/2022		Bureau Veritas Bangladesh		Work Ongoing.
16	URP-DNCC/NCS-2	Procurement of C & F Agent.		PIU, DNCC	1	325.00	125.00	OTM (NCB)				25-Jan-18	6/30/2020, 4/30/2022		Jems International		Work is ongoing.

Procurement Plan of RAJUK Part

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review 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)	35%	Signed
2	URP/RAJUK/W-1A	Construction of Shed ,Partition and supportive Accessories for Accommodation of PIU Office Security	Nos.	1	12,987.00		RFQ		No									Cancelled
3	URP/RAJUK/W-1B	Renovation of office utility Space at Level 9	Nos.	1	12,990.00		RFQ		No									Cancelled
4	URP/RAJUK/G-W1C /	Renovation of Wash room and others Space at Level 9	Nos.	1	12,990.00		RFQ		No									Cancelled
5	URP/RAJUK/W-2A /	Renovation of Wash Rooms PIU Office			1986606.92	1985000.35						01-Jul-20		01-Jul-20		ZS Construction Country: Bangladesh	100%	Signed
6	URP/RAJUK/W-2 /	Refurbishment of PIU Office and Renovation of Utility Spaces	Nos.	1	7515712.22	7412897.946	OTM (e-GP)					29-Oct-20		30-Jan-21		Formila Akther Country: Bangladesh	100%	Signed
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		Done
2	(Package No. URP/RAJU K/G-1B)	Supply of One in All Computers, Printers and Scanners for Emergency Office use of PIU			500,000.00	483,000.00	RFQ						20-Jun-16		23-Jun-16			Done
3	(Package No. URP/RAJU K/G-1C)	Supply of PhotoCopier Machine for Emergency Office Use of PIU			500,000.00	475,000.00	RFQ						20-Jun-16		23-Jun-16			Done
4	(Package No. URP/RAJU K/G-1D)	Supply of All in Computer and Laptops for Emergency Office use of PIU			500,000.00	498,000.00	RFQ						01-Sep-16		07-Sep-16			Done
5	(Package No. URP/RAJU K/G-2A)	Supply of Stationery Goods for Emergency Office Use of PIU			500,000.00	491,000.00	RFQ						31-Aug-16		05-Sep-16			Done
6	(Package No. URP/RAJU K/G-2B)	Supply of Stationery for Emergency Office Use of PIU			499,840.00	494,810.00	RFQ						24-Dec-18		31-Dec-18	Aun-Nafi Stationery & Computer Country: Bangladesh		Done
7	(Package No. URP/RAJU K/G-2C)	Supply of Office Goods for Emergency Office Use of PIU			498,960.00	492,800.00	RFQ						24-Dec-18		31-Dec-18	Aun-Nafi Stationery & Computer Country: Bangladesh		Done
8	(Package No. URP/RAJU K/G-2D)	Supply of Office Goods-1 for Emergency Office Use of PIU			499,900.00	489,800.00	RFQ						24-Nov-19		24-Dec-19	Mission Computer & Technology Country: Bangladesh		Done
9	(Package No. URP/RAJU K/G-2E)	Supply of Office Stationery-1 for Emergency Office Use of PIU			499,382.00	496,990.00	RFQ						09-Mar-20		16-Mar-20	Khaza Variety Store Country: Bangladesh		Done

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

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

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review 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		Done
27	URP/RAJUK/G-21	URP/RAJUK/G-21 / Supply of Smart IT Equipment & Office Machinery										10-Jun-21		08-Sep-21		Smart Technology (BD) Ltd. Country: Bangladesh		Done
28	URP/RAJUK/G-24	URP/RAJUK/G-24 / Procurement of Equipment: Cutter Crane with 10 inch RCC Slab Cutting Capacity & 3.65 Ton Lifting Capacity										07-Feb-21		06-Aug-21		M/S Sarker Kabir Ahmed Country: Bangladesh		Done
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 Yapi 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/RAJ UK/S-5)	Consultancy Services for Development of a Risk-sensitive Land Use Planning (RSLUP) practice	Nos.	1	6,296,550.00	USD 3,573,625.00 BDT 302,724,687.50 (BDT) 592,010,000.00 USD 7,221,789.47 1 USD = 82.98 BDT)	QCBS	BG	Yes			5/1/2018		6/30/2020		NKY Architectural and Engg. Co. (Turkey) Protek Yapi Engineering Co. (Turkey) Sheltech (Pvt.) Limited (Bangladesh)		Done
6	URP/RAJ UK/S-6)	Consultancy Services to Operationalize the URU in RAJUK	Nos.	1	3522730.20	USD 5,110,247.81 (BDT) 424,048,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			23.3.2018		30.6.2020		RTI International (USA)		Done
7	URP/RAJ UK/S-7)	Assess Current Status and Deployment of web-based Integrated Information Management System for RAJUK's Construction Permit System	Nos.	1	1998260.00	USD 5,788,100.94 (BDT) 480,296,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			23.3.2018		30.6.2020		RTI International (USA)		
8	URP/RAJ UK/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/Consultant/Supplier	Progress [%]	Remarks
										Planned Date	Actual Date	Planned Date	Actual Date	Planned Date	Actual Date			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
						84.805 BDT)												
9	URP/RAJUK/S-9)	Consultancy Services for Building Code Enforcement	Nos.	1	324260.00	USD 4,805,526.56 (BDT 398,762,000.00 1 USD = 82.98 BDT)	QCBS	BG	Yes			13.6.2018		30.6.2020		ICC & SDE		
10	URP/RAJUK/S-11)	Consultancy Services for Design and Supervision of RAJUK URU Building including Research, Training, and Testing Laboratory facility	Nos.	1	2,425,950.00	USD 1,323,270.79 BDT 141,404,000.00 (BDT 248,457,000.00 USD 3,071,157.08 1 USD = 80.90 BDT)	QCBS	BG	Yes			1.5.2018	16.8.2018	30.6.2020		STRUCTURAL ENGINEERS SEC (USA) in association with BAUM ARCHITECTS INC BAUM ARCHITECTS INC (South Korea) In association with THE PLANNERS AND ENGINEERS LTD. (Bangladesh)		
11	URP/RAJUK/S-13)	Environmental Safeguards and Environmental Impact Assessment (EIA) of proposed 30-story URU Building for RAJUK	Nos.	1	1,558.00		QCBS	BG	No			30.6.2018		27.12.2018				Done
12	URP/RAJUK/S-14)	Consultancy Services for the Designing Website & Archiving Project Documents for URU, Rajuk	Nos.	1		2,862,222.22	CQS	BG	No			04-Apr-19		30-Jun-20		TechnoVista Limited Country: Bangladesh		Done

Sl. No.	Contract Package Number	Contract Description	Unit	Qty/ Nos.	Estimated Price (Taka in lakh)	Actual Contract Price (in lakh Taka)	Procedure/ Method	PPA/ BG	Prior Review 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		Done
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, Almira 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. (The contract has been finished)
4	URP- DDM/S-3.1 /Consultancy Service for Training, Exercises and Drills Program	Training, Exercise and Drills Program	LS	LS												UNDP		
5	URP/DDM /S-5	D&S Consultant (DDC)	Month	12	30		OTM	PPA					31/01/2018	30/01/2019	Ongoing	DDC		
6	BD-DDM/S-4	Feasibility study of 2nd phase of URP	LS	LS	77.92			PPA				1-May-19	--	30-Mar-20				

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

Annex-5: Structural Engineer training program under S-8A package of RAJUK

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

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
15	Concrete 07- Two Way Slabs (Shear)	Dr. S.K. Ghosh	1193	65	197	937	24-Jan-22	Monday
16	Concrete 08- Design for Torsion and Non-Seismic Detailing	Dr. S.K. Ghosh	1173	63	199	929	25-Jan-22	Tuesday
17	Concrete 09- Prestressed Concrete	Dr. S.K. Ghosh	1173	64	200	923	26-Jan-22	Wednesday
18	Steel 07- Stability Analysis of Steel Structures	Dr. Nur Yazdani	1066	57	193	848	27-Jan-22	Thursday
19	Steel 08- Stability Analysis of Steel Structures- Part 2	Dr. Khan Mahmud Amanat	1111	62	194	870	29-Jan-22	Saturday
20	Gravity Loading and Analysis	Dr. Khan Mahmud Amanat	1184	64	202	922	30-Jan-22	Sunday
21	Wind Loading and Analysis	Dr. S.K. Ghosh	1203	63	203	938	31-Jan-22	Monday
22	Seismic 01- Earthquakes and Their Effects on Structures	Dr. S.K. Ghosh	1181	62	203	931	1-Feb-22	Tuesday
23	Concrete-02 - Design of Beams and One-Way Slabs (Flexural Design)	Dr. S.K. Ghosh	1192	64	202	941	2-Feb-22	Wednesday
24	Ethics, Engineering Ethics, Duties, Responsibilities & Obligations of Engineers	Engr. Hamidul Hoque	1056	56	186	841	5-Feb-22	Saturday
25	Masonry Structures	Dr. Raquib Ahsan	1163	59	197	927	6-Feb-22	Sunday
26	Seismic 02- Seismic Design by BNBC 2020- Equivalent Lateral Force Procedure	Dr. S.K. Ghosh	1207	62	198	958	7-Feb-22	Monday
27	Seismic 03- Configuration and Structural Irregularity	Dr. S.K. Ghosh	1208	62	202	955	8-Feb-22	Tuesday
28	Seismic 04- Seismic Detailing for Intermediate Moment and Special Moment Frames	Dr. S.K. Ghosh	1176	60	200	942	9-Feb-22	Wednesday

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
29	Geotech 01- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1112	59	198	886	12-Feb-22	Saturday
30	Geotech 02- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1155	59	200	916	13-Feb-22	Sunday
31	Seismic 05- Seismic Detailing of Special Shear Walls and Coupling Beams	Dr. S.K. Ghosh	1157	60	202	918	14-Feb-22	Monday
32	Seismic 06- Seismic Design Analysis using Structural Dynamics	Dr. S.K. Ghosh	1161	61	204	931	15-Feb-22	Tuesday
33	Geotech 03- Geotechnical Design of Foundations	Dr. Md. Zoynul Abedin	1014	54	184	833	19-Feb-22	Saturday
34	Geotech 04- Soils and Foundations	Dr. Mehedi Ahmed Ansary	1094	57	192	888	20-Feb-22	Sunday
35	Seismic 07- Seismic Design Considerations Beyond the Basics	Dr. S.K. Ghosh	1064	59	185	870	21-Feb-22	Monday
36	Seismic 08- Nonstructural Components and Nonbuilding Structures	Dr. S.K. Ghosh	1130	62	199	912	22-Feb-22	Tuesday
37	Bridges 01- Preliminary Bridge Design using AASHTO LRFD 2017	Dr. Nur Yazdani	1114	61	197	894	23-Feb-22	Wednesday
38	Existing Buildings -01 -The Basic Concepts	Dr. A. S. Moghadam	1019	54	178	812	26-Feb-22	Saturday
39	Existing Buildings 02 Linear Analyses Procedures	Dr. A. S. Moghadam	1056	52	188	851	27-Feb-22	Sunday
40	Bridges 02- Loads and Flexural Design of Bridges (AASHTO LRFD 2017)	Dr. Nur Yazdani	1051	58	188	847	28-Feb-22	Monday
41	Existing Buildings 03-Nonlinear Analysis Procedures	Dr. A. S. Moghadam	1038	57	185	844	1-Mar-22	Tuesday

Session No	Course Topic	Instructor	Number of attendees	Number of PEngs	Number of DMINBs	Number of IEB members	Date	Weekday
42	Bridges 03- Bridge Deck Design (AASHTO LRFD 2017)	Dr. Nur Yazdani	1023	57	182	824	2-Mar-22	Wednesday
43	Existing Buildings 04 - Modelling Parameters and Acceptance Criteria	Dr. A. S. Moghadam	910	50	168	737	5-Mar-22	Saturday
44	Bridges 06 - Structural Design of Railway Bridges	Engr. Anisur Zaman	993	58	182	809	6-Mar-22	Sunday
45	Bridges 04 - Bridge Substructure Design and Service Life Extension	Dr. Nur Yazdani	979	SS	182	799	7-Mar-22	Monday
46	Hydraulic Structures	Dr. Ataur Rahman	968	59	182	792	8-Mar-22	Tuesday
47	Bridge-5	Dr. Nur Yazdani	952	56	181	783	9-Mar-22	Wednesday
48	Bridges 07 - Seismic Design of Highway Bridges	Dr. Saiid Saiidi	886	49	171	724	10-Mar-22	Monday

Annex-6: BNBC Training Courses under S-9 package of RAJUK

A- General, Structural and Inspection

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
Building Codes and Earthquakes	G1	Introduction to Building Codes	N/A	S. K. Ghosh	23-Mar-21	1	367	383/341
	G2	Overview of BNBC 2020	N/A	Raquib Ahsan		2		
	G3	Review of Structural Design, Loads, Construction Practices and Safety	Part 6, Part 7	Raquib Ahsan	24-Mar-21	3	480	475/311
	G4	Earthquakes and Their Effects on Structures	N/A	S. K. Ghosh	6-Apr-21	6	541	576/360
	G5	Experience in Past Earthquakes, Lessons Learned	N/A	S. K. Ghosh	7-Apr-21	7	632	605/426
General Building Requirements, Building Services	G6	Structure and Environment	Part 3, Part 8	Ahmadul Hassan and Md. Atiqur Rahman	30-Jun-21	22	418	360/323
	G7	Responsibilities of Professionals	N/A	Hamidul Hoque	28-Jun-21	21	261	230/204
Administration and Enforcement	S1	<i>Bidhimala</i> , BC Act, and TI Act	Part 2	Raquib Ahsan	30-Mar-21	4	412	519/403
Concrete Material	S2	Concrete Materials	Part 1, Chapter 2, Part 6, Chapter 5, and Part 5, Chapter 2 (Relevant portion)	Raquib Ahsan	31-Mar-21	5	442	562/495
Loads on Buildings and Structures	S3	Gravity Loads on Buildings and Structures	Part 6, Chapter 2	S. K. Ghosh	18-May-21	10	459	416/281
	S4	Wind Loads on Buildings and Structures	Part 6, Chapter 2	S. K. Ghosh	19-May-21	11	515	432/327

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
	S5	Seismic Design 1	Part 6, Chapter 2, Appendix C	S. K. Ghosh	25-May-21	12	520	455/360
	S6	Seismic Design 2	Part 6, Chapter 2, and Appendix C	S. K. Ghosh	26-May-21	13	552	456/284
Soils and Foundations	S7	Soils and Foundations 1	Part 6, Chapter 3, and Appendices D to H	Md. Zoynul Abedin	1-Jun-21	14	581	515/381
	S8	Soils and Foundations 2	Part 6, Chapter 3, and Appendices D to H	Mehedi Ahmed Ansary	2-Jun-21	15	585	496/455
Anchoring to Concrete	S9	Anchoring to Concrete	Part 6, Chapter 6, and Appendix K	S. K. Ghosh	8-Jun-21	16	524	411/250
Masonry Structures	S10	Masonry Structures	Part 6, Chapter 7	Raquib Ahsan	7-Jul-21	23	437	373/364
Earthquake Resistant Design Provisions	S11	Seismic Detailing of Moment Frames	Part 6, Chapter 8	S. K. Ghosh	15-Jun-21	17	512	449/427
	S12	Seismic Detailing of Shear Walls	Part 6, Chapter 8	S. K. Ghosh	16-Jun-21	18	538	459/424
Steel Structures	S13	Steel Structures 1	Part 6, Chapter 10, and Appendices N to T	Raquib Ahsan	22-Jun-21	19	501	448/343
	S14	Steel Structures 2	Part 6, Chapter 10, and Appendices N to T	Raquib Ahsan	23-Jun-21	20	505	427/421
Safety During Construction and Demolition Work	S15	Construction Safety, Construction Quality, Demolition	Part 7, Chapters 3, and 4	Raquib Ahsan	15-Jul-21	24	362	308/301
Inspection	I1	Overview of Inspection Requirements Proposed by Component S-09 of URP: RAJUK Part (two hours) Pre-recorded	Part 2, Chapter 3	Tim Ryan	11-May-21	8	159	127/121
	I2	<i>Inspector Skills (two hours) Pre-recorded</i>	Part 2, Chapter 3	Tim Ryan	12-May-21	9	156	132/128
Total: 12 Main Topic Areas	24 Modules	21 focused topics	5 Parts and several chapters and appendices			24 Sessions		

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

General Topic	Module	Module Topic	BNBC-2020 Part & Chapter	Instructor	Date	Session No.	Attendance	Quiz Taken/Passed
Building and Fire and Life Safety	NS1	Occupancy classification and types of construction classification	Part 3, portions of Chapters 1, 2 and 3	Ziaul Islam	20-Apr-21	1	369	322/111
	NS2	Occupancy based requirements, building height and area limitations	Part 3, Portions of Chapters 2 and 3	Ziaul Islam	21-Apr-21	2	518	429/335
	NS3	General provisions and Means of Egress	Part 4, Chapters 1, 2, 3 and portions of other chapters	Maksud Helali	13-Jul-21	18	173	159/90
	NS4	Passive and active fire protection and fire detection	Part 4, Chapters 4, 5, and Appendix A,B, C	Maksud Helali	14-Jul-21	19	349	310/244
Building Services	NS5	Electrical systems and services, Part 1 (two hours) Part 2 (two hours) Pre-Recorded	Part 7, Appendix A and Part 8, Chapter 1, Appendix A, B and C	Jerry Flanik	Part 1 6/29/2021	15	194	153/141
					Part 2 6/30/2021	16	155	135/128
	NS6	Mechanical (HVAC), Part 1 (two hours) Part 2 (two hours) Pre-Recorded	Part 8, Chapter 2	Jerry Flanik	Part 1 6/1/2021	7	133	120/113
					Part 2 6/2/2021	8	161	135/130
	NS7	Lifts/escalators/moving walks, (two hours) Pre-Recorded	Part 8, Chapter 4 and Appendix L	Jerry Flanik	23-Jun-21	14	150	131/122
	NS8	Plumbing, fuel gas, acoustics/sound transmission,	Part 8, Chapters 3, 5, 6, 7, 8, and Appendix D through W except L	Jerry Flanik	Part 1 5/19/2021	5	147	118/115

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

C-BNBC Seismic Training

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

Annex-7: List of training activities & drill under the TED Programme

Sl.	Completed Training and workshop	Date	Venue	Number of Attendees
1	Multi-Agency Training Inception Workshop	23 June 2022	Bangabandhu International	101
2	Training Inception Workshop with Dhaka South City	4 July 2022	Dhaka South City Corporation	66
3	Training Inception Workshop with Department of	5 July 2022	Department of Disaster	49
4	Training Inception Workshop with Ministry of Disaster Management and Relief	6 July 2022	Conference Room, Ministry of Disaster	43
5	Training Inception Workshop with Bangladesh Fire Service & Civil Defense	14 July 2022	Conference Hall, Bangladesh Fire Service & Civil	60
6	Training Inception Workshop with Dhaka North City	19 July 2022	Dhaka North City Corporation	51
7	Training Inception Workshop with Sylhet City	21 July 2022	Sylhet City Corporation	56
8	Basic Disaster Risk Management	24 July-28 July	Sarah Resort,	30
9	Basic Disaster Risk Management (Batch 2)	21-25 August 2022	Sarah Resort, Gazipur	28
10	Basic Disaster Risk Management (Batch 3)	4-8 September 2022	Sarah Resort, Gazipur	32
11	Conduction of 100 hrs of Prerequisites Emergency Management Training for 25 participants from six agencies	11-15 September 2022	Sarah Resort, Gazipur	25
12	Basic Disaster Risk Management (Batch 4)	18-22 September 2022	Sarah Resort, Gazipur	30
13	Training Courses on Emergency Operations Plan (EOP)	16-20 October 2022	Hotel Long Beach , Cox's	29
14	Conduction of 100 hrs of Prerequisites Emergency	23-27 October 2022	Hotel Royal Tulip, Cox's	25
15	Consultation Workshop on Roadmap Towards INSARAG Recognized	24 October 2022	Hotel Pan Pacific Sonargaon, Dhaka	30
16	Training Courses on Emergency Operations Plan (EOP)	30 October -3 November	Hotel Long Beach, Cox's Bazar	29
17	Training Courses on Emergency Operations Plan (EOP)	13-17 November 2022	Hotel Long Beach, Cox's Bazar	30
18	Conduction of 100 hrs of Prerequisites Emergency	20-24 November 2022	Grand Sultant Sylhet	25
19	Conduction of Training on basic components of EOP	27 November 2022 – 1	Hotel Long Beach, Cox's Bazar	33

Sl.	Completed Training and workshop	Date	Venue	Number of Attendees
20	Training on procurement of Specialist Search and Rescue Equipment	12-14 February 2023	FSCD Premise, Fulbaria, Dhaka	10
21	Training on Supply of Specialized Search and Rescue	12-14 February 2023	DNCC Premise, Gulshan,	11
22	Consultation Workshop on INSARAG Accreditation of	16 February 2023	Brac CDM, Savar	50
23	Document Review and consultation workshop for agency specific EOP	15-17 February 2023	Sarah Resort, Gazipur	25
24	Consultation Workshop on Formation of LEMA, Framework and Technical	21-23 February 2023	Radisson Blu Chattogram	25
25	Workshop on agency-specific EOP formulation, developing SOP for a	25-28 February 2023	Sarah Resort, Gazipur	25
			Total Participants	918

❖ Upcoming Training and Workshops

Sl. NO	Activity	Date	Nos of Participants	Venue or Location
1	Tabletop Exercise (TTX) and Filed Training	2-Mar-23	20	TBD, Dhaka
2	Tabletop Exercise (TTX) and Filed Training	5-Mar-23	20	TBD
3	ICT equipment training of EOC for DNCC, DSCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15)-Batch 01	5-7 Mar 2023	20	DNCC, Dhaka
4	Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for for DNCC and DSCC	9-Mar-23	40	TBD, Dhaka
5	INSARAG Consultation Workshop on Progress of the LEMA formation and USAR Team Accreditation	10 to 12 Mar 2023	15	TBD
6	Tabletop Exercise (TTX) and Filed Training Exercise (FTX) for MoDMR and DDM	12-Mar-23	40	TBD, Dhaka
7	Multi-Agency Exercise on EOP and functional EOC	14 March 2023 - 15 March	150	TBD, Dhaka
8	Incident Command System, INSARAG Policy and Guideline and Logistics (17- 19 March in Khulna Ship) and rest in Khulna City	16 Mar to 21 Mar	30	TBD,
9	IAEM Mock Test 1	18-Mar-23	30	DDM, Dhaka
10	ICT equipment training of EOC for DNCC, SCC, FSCD and DDM (Package 1.14, 1.18, 1.19, 1.15) - Batch 02	19-21 Mar-2023	20	DNCC

Sl. NO	Activity	Date	Nos of Participants	Venue or Location
11	“Procurement of Specialized ICT Equipment (Lot-01: i. DMR Network & ii. UHF Radio Terminals and Related Installations) for SCC” (Package 1.4)	1 Apr to 4 Apr	10	TBD,
12	IAEM Mock Test 2 and Registration	8-Apr	30	DDM, Dhaka
13	“Procurement of Specialized ICT Equipment (DMR [Digital Mobile Radio] Network and Related Installation-VHF) for FSCD” (package 1.8)	9 Apr to 11 Apr	10	FSCD, Dhaka
14	Specialized Search and Rescue Equipment (Emergency Tenders for FSCD)” (Package 2.1)	2 May to 4 May	10	FSCD Dhaka
15	Hazmat -INSARAG (1st day travel day)	3 May to 8 May	20	FSCD, MIRPUR, Dhaka
16	“Supply of Specialized Search and Rescue Equipment (Water Rescue) for FSCD” (Package 2.2)	9 May to 11 May	10	FSCD, Dhaka
17	IAEM Mock test 3	13-May-23	30	DDM
18	“Procurement of HazMat (Hazardous Materials) Tender for FSCD” (Package 2.10)	15 May to 17 May	10	FSCD
19	Pre-Hospital Care (INSARAG)-Part 1	20 May to 25 May	20	FSCD, MIRPUR, Dhaka
20	Pre-Hospital Care (INSARAG) -Part 2	3 June to 8		FSCD, MIRPUR, Dhaka
21	Search and Rescue (INSARAG)	17 June to 22 June	20	FSCD, MIRPUR, Dhaka
22	Search and Rescue (INSARAG)	1 July to 7 July	20	FSCD, MIRPUR, Dhaka

Annex-8: List of Remaining Works & Programme Schedule of URU Construction

Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK”.
Package No.: URP/RAJUK/W-1

Work Schedule of Major Milestones of Remaining Works

Sl.No.	Milestone	Start date	Completion date
1	Re-Bars Fixing, Formworks & Pouring of Concrete in Shear Wall:		
	(b)Level – 4-Done	15 Dec.2022	31 Dec.2022
	(c)Level - 5	01 Jan.2023	10 Jan.2023
	(d)Level - 6	11 Jan.2023	20 Jan.2023
	(e)Level - 7	21 Jan.2023	31 Jan.2023
	(f)Level - 8	01 Feb.2023	10 Feb.2023
	(g)Level - 9	11 Feb.2023	20 Feb.2023
	(h)Level - 10	21 Feb.2023	28 Feb.2023
	(i)Level - 11	01 Mar.2023	10 Mar.2023
2	Erection of Columns, Beams, Decking Panel & Pouring of Concrete:		
	(a)Level - 3	12 Dec.2022	18 Dec.2022
	(b)Level - 4	25 Dec.2022	03 Jan.2023
	(c)Level - 5	08 Jan.2023	14 Jan.2023
	(d)Level - 6	17 Jan.2023	23 Jan.2023
	(e)Level - 7	28 Jan.2023	03 Feb.2023
	(f)Level - 8	07 Feb.2023	13 Feb.2023
	(g)Level - 9	17 Feb.2023	23 Feb.2023
	(h)Level - 10	25 Feb.2023	03 Mar.2023
	(i)Level - 11	07 Mar.2023	12 Mar.2023
3	Civil & Architectural Work:		
	(a)Level - B2	01 Dec.2022	15 Dec.2022
	(b)Level - B1	12 Dec.2022	25 Dec.2022
	(c)Level - 1	15 Dec.2022	30 Dec.2022
	(a)Level - 2	15 Jan.2023	30 Jan.2023
	(b)Level - 3	25 Jan.2023	03 Feb.2023
	(c)Level - 4	07 Feb.2023	13 Feb.2023

Sl.No.	Milestone	Start date	Completion date
	(d)Level - 5	17 Feb.2023	23 Feb.2023
	(e)Level - 6	25 Feb.2023	03 Mar.2023
	(f)Level - 7	07 Mar.2023	12 Mar.2023
	(g)Level - 8	13 Mar.2023	20 Mar.2023
	(i)Level - 9	21 Mar.2023	30 Mar.2023
	(j)Level - 10	01 Apr.2023	10 Apr.2023
	(k)Level - 11	11 Apr.2023	20 Apr.2023
4	MEP inc. Lift, Generator, HVAC, Substation, Fire Detection, Fire Protection & IBMS Work:		
	(a)Level - B2	01 Dec.2022	15 Dec.2022
	(b)Level - B1	12 Dec.2022	25 Dec.2022
	(c)Level - 1	15 Dec.2022	30 Dec.2022
	(a)Level - 2	15 Jan.2023	30 Jan.2023
	(b)Level - 3	25 Jan.2023	03 Feb.2023
	(c)Level - 4	07 Feb.2023	13 Feb.2023
	(d)Level - 5	17 Feb.2023	23 Feb.2023
	(e)Level - 6	25 Feb.2023	03 Mar.2023
	(f)Level - 7	07 Mar.2023	12 Mar.2023
	(g)Level - 8	13 Mar.2023	20 Mar.2023
	(i)Level - 9	21 Mar.2023	30 Mar.2023
	(j)Level - 10	01 Apr.2023	10 Apr.2023
	(k)Level - 11	11 Apr.2023	20 Apr.2023
5	Shake Table, UTM Lab & Substation-Generator Building:		
	(a)Foundation up to Level - GL	01 Dec.2022	10 Dec.2022
	(b)Level - GL to Level - 1	02 Dec.2022	15 Dec.2022
	(c)Level - 1 to Roof	12 Dec.2022	30 Dec.2022
6	Remaining Items of Work	01 Jan.2023	20 Apr.2023
7	Handing Over of the Project	21 Apr.2023	25 Apr.2023

Annex-9: Tender Notice of Rescue Boat

Dhaka North City Corporation
Office of the Project Director
Urban Resilience Project-DNCC Part
House No.: 23-26, Road No.: 46, Gulshan-2,
Dhaka-1212, Bangladesh

Memo No. 46.10.0000.035.00.219-2022/3965

Date: 15-12-2022

Re-Re Tender

**Invitation for Bids (IFB) for
Procurement of Search and Rescue Equipment (Rescue Boat) for FSCD,
Package No.: URP-DNCC/G-2.11-3
(IDA Credit No.: 5599-BD)
IFB No.: ICB-01/2022-23**

1. The Government of Bangladesh (GOB) has received financing from the World Bank toward the cost of the Urban Resilience Project- DNCC Part, and intends to apply part of the proceeds toward payments under the contract for Procurement of Search and Rescue Equipment (Rescue Boat) for FSCD.
2. The Urban Resilience Project- DNCC Part, Dhaka North City Corporation now invites sealed bids from eligible bidders for Procurement of Search and Rescue Equipment (Rescue Boat) for FSCD. The number of goods is three (3) with different accessories and the location of delivery of goods is Dhaka, Bangladesh. The delivery period is six (06) months from the date of contract sign. Qualifications requirements of the bidders include: (i) general experience of manufacturing/ supplying of the proposed goods is at least five (5) years; (ii) specific experience of supply of similar type of goods (similar functional and technical characteristics) of at least one (1) contract value of USD 1000000.00 (One Million US Dollar) or equivalent between January 01, 2017 and bid submission deadline; (iii) minimum total amount of available liquid asset and/or working capital and/or credit facility of USD 1000000.00 (One Million US Dollar) or equivalent. A margin of preference for certain goods manufactured domestically shall be applied. More detail qualifications requirements are provided in the bid documents.
3. Bidding will be conducted through the International Competitive Bidding (ICB) procedures as specified in the World Bank's Guidelines: Procurement of Goods, Works and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, January 2011 ("Procurement Guidelines"), and is open to all eligible bidders as defined in the Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 setting forth the World Bank's policy on conflict of interest.
4. Interested eligible bidders may obtain further information from the office of the Project Director, Urban Resilience Project- DNCC Part, Dhaka North City Corporation, Electronic mail address: arifur.rahman.buet@gmail.com and inspect the bidding documents during office hours (0900 to 1600 hours) at the address given below.
5. A Pre-Bid meeting will be held at 11.00 a.m. local time (GMT + 6 hrs.) on 29-12-2022 at the Office of the address below.
6. A complete set of bidding documents in English may be purchased by interested eligible bidders upon the submission of a written application to the address below and upon payment of a nonrefundable fee of BDT 6000.00 (Six Thousand Bangladesh Taka) or US\$ 60.00 (Sixty US Dollar). The method of payment will be cash or bank draft.

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7. Bids must be delivered to the address below on or before 02.00 p.m. local time (GMT + 6 hrs.), 02-02-2023 bidding will not be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives and anyone who choose to attend at the address below on 02.15 p.m. local time (GMT + 6 hrs.), 02-02-2023.
8. All bids must be accompanied by a Bid Security of in favor of the "Project Director, Urban Resilience Project-DNCC part" in the form of an unconditional and irrevocable Bank Guarantee/ Bank Draft/ Pay Order from a reputed bank. The amount and currency of the bid security shall be USD 26500.00 (Twenty Six Thousand and Five Hundred US Dollar) or BDT 2650000.00 (Two Million and Six Hundred Fifty Thousand Bangladesh Taka).
9. The address referred to above is: Office of the Project Director, Urban Resilience Project-DNCC Part, Dhaka North City Corporation, House No.: 23-26, Road No.: 46, Gulshan-2, Dhaka-1212, Bangladesh. Tel: +8802 5505228, Fax: +8802 5505230, E-mail: arifur.rahman.buet@gmail.com, pdurpdnccpart@gmail.com.



(Mohammad Arifur Rahman) 15/12/2022
Project Director
Urban Resilience Project-DNCC Part
Email: arifur.rahman.buet@gmail.com
Tel: +88 02 5505228

Memo No. 46.10.0000.035.00.219-2022/3965

Date: 15-12-2022

For kind information and necessary action:

1. Chief Executive Officer, Dhaka North City Corporation.
2. Director General, Fire Service and Civil Defence.
3. Chief Engineer, Dhaka North City Corporation.
4. Additional Chief Engineer, Dhaka North City Corporation.
5. Chief Accounts Officer, Dhaka North City Corporation.
6. Superintendent Engineer, Civil/ TEC/ Electrical/ Mechanical, Dhaka North City Corporation.
7. Personal Secretary to Honorable Mayor, Dhaka North City Corporation.
8. Chief Public Relation Officer, Nagar Bhaban, Dhaka North City Corporation. He is requested to publish the Tender Notice in two (2) widely circulated daily newspapers, one in Bengali and one in English on or before 15-12-2022.
- ✓ 9. System Analyst, Dhaka North City Corporation for publication of the Notice in DNCC website on or before 15-12-2022.
10. System Analyst, Local Government Division for publication of the Notice in LGD website on or before 15-12-2022.
11. System Analyst, Central Procurement Technical Unit, Dhaka for publication of the Notice in CPTU website on or before 15-12-2022.
12. Executive Engineer, Zone - 1, 2, 3, 4, & 5, TEC, Environment, Electrical, P&D, Mechanical, Dhaka North City Corporation.
13. Office Copy
14. File Copy.


(Mohammad Arifur Rahman) 15/12/2022
Project Director
Urban Resilience Project-DNCC Part
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