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Ministry of Urban Development
Department of Urban Development & Building Construction
Project Coordination Office
Babarmahal, Kathmandu

MONTHLY PROGRESS REPORT
NO. 20, October
2019

ADB LOAN-3566 NEP (COL):
Regional Urban Development Project
Project no. 47252-002

Project Management Consultant

November, 2019



ERMCMANAGEMENT (P.) Ltd.

(Environment & Resource Management Consultant)

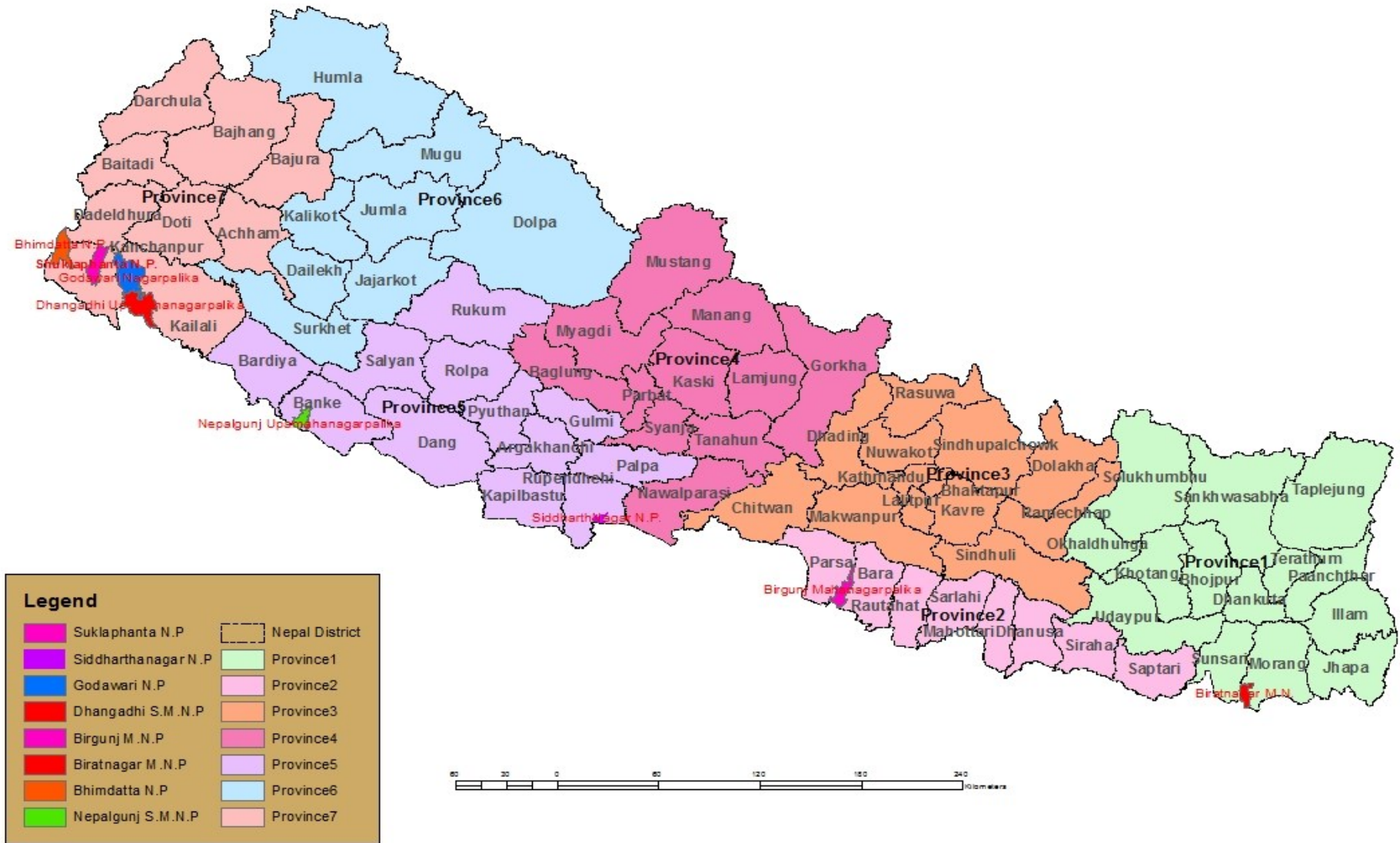
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Location Map of Regional Urban Development Project Municipalities



LIST OF ABBREVIATION

ADB	Asian Development Bank
BRT	Biratnagar
BRJ	Birgunj
CAO	Chief Administrative Officer
COL	Concessional Loan
CSC	Construction Supervision Consultant
DDR	Due Diligence Report
DPD	Deputy Project Director
DSC	Design and Supervision Consultant
DTL	Deputy Team Leader
DN	Dhangadhi
DUDBC	Department of Urban Development and Building Construction
EA	Executing Agency
EIA	Environmental Impact Assessment
ERMC	Engineering Resource Management Consultant
FPIU	Federal Project Implementation Unit
FWP	Far Western Province
FY	Fiscal Year
G	Grant
GESI	Gender Equality and Social Inclusion
GIS	Geographic Information System
GoN	Government of Nepal
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
Ha	Hectare
hh	House hold
IA	Implementing Agency
ICB	International Competitive Bidding
ICS	Individual Consulting Services
IEE	Initial Environmental Examination
IPC	Interim Payment Certificate
ISWM	Integrated Solid Waste Management
UDP	Urban Development Plan
JV	Joint Venture
Km	Kilometre
L	Loan
MC	Metropolitan City
MoF	Ministry of Finance
MoFALD	Ministry of Federal Affairs and Local Development
MoUD	Ministry of Urban Development
MPCC	Municipal Project Coordination Committee
MPR	Monthly Progress Report
NCB	National Competitive Bidding
NPJ	Nepalgunj
NEP	Nepal
NRM	Nepal Resident Mission
O&M	Operation and Maintenance

PBSEDP	Performance Based Socio Economic Development Program
PD	Project Director
PCO	Project Coordination Office
PISU	Project Implementation Support Unit
PIU	Project Implementation Unit
PM	Project Manager
PMC	Project Management Consultant
PPMS	Project Performance Management System
PPTA	Project Preparation Technical Assistance
PSC	Project Steering Committee
QCBS	Quality and Cost Based System
QPR	Quarterly Progress Report
RF	Resettlement Framework
RP	Resettlement Plan
RUDP	Regional Urban Development Project
SDR	Special Drawing Rights
SMC	Sub-Metropolitan City
SN	Siddharthanagar
SOE	Statement of Expenditure
SSE	Social Safeguard Expert
STIUEIP	Secondary Towns Integrated Urban Environmental Improvement Project
TL	Team Leader
WWTP	Waste Water Treatment Plant
3R	Reduce, Reuse and Recycle

Progress Summary

A cumulative financial and physical progress of RUDP as of **October 2019** has been witnessed to **34.81%** and **35.82%** respectively. The physical and Financial progress achieved by the project during this reporting period (**October 2019**) is **0.74%** and **1.44%** respectively (refer **Appendix XIV**).

The group B (FWP/P7) municipalities (Dhangadhi, Bheemdatt, Godawari, and Shuklaphanta) and Group A (non P7) municipalities, mainly Biratnagar did not record significant progress. The progress attained by RUDP and its implementing agencies are summarized and given in table 1 below.

Table 1, Summary of RUDP progress, %

Description	Implementing										
	PCO	RPIU	Dhan gadhi	Bheem dutta	Godawari	Shuklaphanta	Biratnagar	Birgunj	Siddarth anagar	Nepalgunj	RUDP
As of October 2019											
Financial	18.39	1.74	1.69	1.20	4.34	2.38	67.25	36.78	92.84	84.26	34.81
Physical	45.56	8.52	8.75	7.68	7.58	10.48	63.92	38.5	84.94	88.88	35.82
October 2019											
Financial	0.24	0.08	-	-	-	-	3.02	3.18	4.21	1.32	1.45
Physical	1.25	0.44	0.42	1.16	0.00	-0.02	0.83	1.88	1.04	0.28	0.74

All Project municipalities of Group A (non FWP or P7) have successfully mobilized contractors and consultants. The physical progress achieved by non FWP (P7) project municipalities is satisfactory except Biratnagar.

The RPIU and project municipalities of FWP (P7) have been progressed significantly in this reporting period. PBER (Municipal Office Building of Godawari and Shuklaphanta) of 1 package and TBER of 3 packages (Road and drainage works of Dhangadhi, Godawari and Shuklaphanta) against proposed 9 packages are in approval process at ADB NRM. Similarly, IFB of road and drainage, Bheemdatt has been published on 4th October 2019. Detailed Engineering Design Reports of ISWM facilities of Godawari and Shuklaphanta have been finalized, and WWTP of these two municipalities are also in reviewing process.

FWP (P7) Project municipalities have expended Nrs. **141,551,810.00 (83.2%)** under 2st yr PBSEDP against Nrs. **170,133,473.00** grant ceiling. The overall expenses on socio-economic infrastructure and GESI related activities is Nrs. **53,209,213.00** or **36.40%**. 3rd year (2019/20) Ceiling grant for this program has also been finalized and municipalities are working for ANNUAL plans and programs.

PCO has successfully mobilized all proposed consultants except International Solid Waste Management Expert (ISC).

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1 Introduction

This is the **Twentieth** Formal Monthly Progress Report (MPR) of the Project Management Consultant (PMC), Regional Urban Development Project (RUDP - ADB, Loan 3566-NEP, Project: 47252-002). This report gives an insight into the project's status and progress achieved since its implementation and on the period of **October** 2019. The report highlights the consolidated progress achieved by RUDP and its implementing agencies likely PCO, RPIU and PIUs. The progress shown is based on the information received from the PIUs of Group A (non P7) project municipalities and from RPIU, Dhangadhi for Group B (**FWP or P7**) project municipalities.

1.1 Project Implementation Units

The Project Coordination Office (PCO) established under DUDBC, MOUD has an authority equivalent to other GON Departments. It is responsible for overall project management, implementation, monitoring and coordinating with ADB and central level line agencies for smooth project implementation. It also serves as point of contact with ADB, maintains project documents, and submits timely reports (quarterly progress reports, half yearly reports, yearly report, midterm report and project completion report) to ADB by consolidating relevant inputs. The other responsibilities of PCO are to consolidate accounts and submit withdrawal applications to ADB for reimbursement, open and manage imprest account for ADB loan etc. There are four implementing units established in each Group A (non P7) municipalities and a RPIU in DUDBC, Federal Project Implementation Unit (FPIU), Dhangadhi to implement RUDP sub-projects at Group B (FWP or P7) municipalities. Other four Project Implementation Sub Units (PISUs) are also functioning in Group B (FWP7) municipalities to implement Performance Based Socioeconomic Development Programs (PBSEDP) and others.

1.2 Major Project Components

The project has sub-project components grouped into three interactive categories: (i) Develop Urban Infrastructure in the Municipalities; (ii) strengthen the Capacities of Municipalities; and (iii) Improve Urban Planning and Project Preparation Capacity.

Following Table presents total procurement packages and estimated budget for the projects.

Table 1.1 Proposed Procurement Packages

Procurement Type	Package Type	Number of contracts or person month		Estimated Budget, USD million (wo VAT)
		As per PAM	Revised	
Works and Equipment's	ICB	9 contracts	10 contracts	131.91
	NCB	1 contracts	4 contracts	0.58
	Shopping	9 contracts	10 contracts	0.30
	Community	40 contracts	40 contracts	1.50
Consulting Services	QCBS	2,263 person-months (9 contracts)	2263 pm (9 contracts)	12.25
	ICS	27 person-months (6 contracts)	1 contracts	0.21

Source: Report and recommendation of the president to the Board of Directors, May 2017

1.2.1 Group A (non P7) Municipalities

A separate Design Supervision Consultant (DSC) to support PIU, Biratnagar Metropolitan City and Construction Supervision Consultants (CSCs) to support PIUs of Birgunj Metropolitan City, Nepalgunj Sub-Metropolitan City and Siddharthanagar Municipality have been mobilized (refer **Appendix I** for key information).

Accordingly, one each civil contractor has also been commencing their works in all Group A (non P7) municipalities (refer **Appendix XIII** for detail).

The proposed sub-projects (for detail refer **Appendix II**) to be implemented in Group A (non P7) municipalities are shown in following **Table**:

Table 1.2 Sub Project components of Group A (non P7) municipalities

Municipality	Road Improvement	Sewerage Pipeline	Footpath/ roadside drainage	Detail design of ISWM	Strom water drainage	Solar streetlight	Budget, US\$, mill
Biratnagar	approximate 73.86 km	approx 20.08 km	approximate 26.05/26.05 km	18.96 hec for 7,500 hh	approximate 652.89 m	approximate 1 km	25.1
Birgunj	approximate 21.35 km	–	approximate 30.12/0.00 km	-	approximate 21.35 km	approximate 11.14 km	20.9
Siddharthanagar	approximate 34.87 km	–	approximate 34.87/52.00km	-	–	–	20.7
Nepalgunj	approximate 36.57 km	–	approximate 58.76/58.76 km	-	–	–	15.7
Total	approximate 165.876 km	approx 20.08 km	approximate 149.80/136.81 km	coverage 7,500 hh (18.96 hac)	approximate 22.003 km	approximate 12.14 km	82.4

Source: IEE/EIA Reports of each municipalities

1.2.2 Group B (P7) Municipalities

A Regional Project Implementation Unit (RPIU) has been established to implement major sub project components for Group B (FWP or P7) municipalities. RUDP will coordinate with the concerned local level stakeholders, implement and monitor resettlement plans, GESI action plans and IEEs for sub-projects in project municipalities. To support RPIU, a Design Supervision Consultant (DSC) has been mobilized (refer **Appendix I** for key information) and stationed in Dhangadhi. The proposed sub projects (for detail refer **Appendix III**) to be implemented in Group B (FWP or P7) municipalities are presented in **Table 1.3**.

Table 1.3 Sub Project components of Group B (FWP/P7) municipalities

Municipality	WWTP (decentralized small bore)	ISWM	Road /Road side Drainage	Buildings /Land	Other Program	Budget, US\$, mill
Godawari	service to 2,000 hh	covers 6,600 hh (16.93 hac)	20.0/40.0 km	office Building & land	PBSEDP, Urban Planning, Building by-laws, GESI etc.	16.1
Bheemdatt	service to 2,000 hh	covers 10,700 hh (12.87.hec)	36.5/73.0 km	–	PBSEDP, Urban Planning, Building by-laws, GES, etc.	25.7
Dhangadhi	Service to 3,000 hh	covers 10,000 hh (12.87 hac)	34.0/68.0 km	Land for ISWM site	PBSEDP, Urban Planning, Building by-laws, GESI etc.	27.5
Shuklaphanta	Service to 400 hh	covers 3,400 hh (5.08 hac)	8.1/16.2 km	municipal office	PBSEDP, Urban Planning, Building by-laws, GESI etc.	8.1
Total	7,400 hh	Covers 30,700hh (47.75 hac)	98.6/197.2 km	2 nos buildings & land		77.4

Source: Project Administration Manual, May 2017

Four Project Implementation Support units (PISUs) have also been established to support RPIU and project municipalities, and to implement Performance Based small socio-Economic Development Projects (PBSEDP) in all four municipalities. The provisioned Institutional Development Consultancy (IDC) has finally been hired and mobilized to support PISUs and Group B (FWP or P7) municipalities.

2 The Consultants

The project has been recruiting five types of consulting services: a) Project Management Consultant (PMC, refer **Appendix I** for key information) to support PCO at central level for monitoring and evaluation, reporting, overall planning, risk management, institutional development support, and coordination and to ensure the project implementation is in compliance with loan agreement between GoN and ADB. The PMC has to assist the PCO in meeting the relevant requirements of GoN and ADB for project implementation and provide institutional development assistance and guidance to the non P7 municipalities, b) Design and Supervision Consultant (DSC) to design and conduct construction supervision of all subprojects for Group B (FWP) municipalities, c) DSC for detailed design & costing of ISWM and construction supervision of sewerage, road & drainage system for Biratnagar MC, d) Construction Supervision Consultants (CSCs) to supervise construction work for Birgunj MC, Siddharthanagar municipality and Nepalgunj Sub-metropolitan City, and e) Institutional Development Consultant (IDC) for Group B (FWP) municipalities (Dhangadhi Sub-metropolitan City, Bheemdatt municipality, Godawari municipality and Shuklaphanta municipality) to strengthen capacity for improved municipal asset management, strengthen municipal revenue mobilization and financial management capacity and improve urban planning. The IDC will also assist for the gender equality and social inclusion mainstreaming, and implementing performance based socioeconomic development program (PBSEDP). In additions, it's support has been envisioned for implementing the software activities of SWM like capacity development on SWM, 3R activities, procurement and distribution of waste segregation bins for source separation of waste.

Apart from above international SWM specialist (ICS) has to be recruited to support PCO and provide technical support to all project municipalities.

2.1 Mobilized Consultants Team

Except international solid waste management specialist (ICS), all other consultants have already been mobilized in their respective municipalities. PMC to support PCO, DSCs to support PIU of Biratnagar and RPIU of Dhangadhi have been mobilized on 3 January 2018, 6 September 2017, and 1 September 2017 respectively. Additionally, CSCs for Birgunj, Nepalgunj, Siddharthanagar and IDC for P7 municipalities have also been mobilized on 26 November 2018, 3 December 2018, 1 February 2018 and 16 October 2019 respectively.

The summary of mobilized consultant's key experts and input till **October** 2019 is shown in **Table 2.1**. (For detail ref Appendixes).

Table 2.1 Summary of mobilized consultant's key experts and inputs as of October 2019

.no	Name of Consultants and inputs													
	PMC		DSC-P7		DSC Biratnagar		CSC, Siddharthanagar		CSC Birgunj		CSC Nepalgunj**		IDC	
	Key Expert	pm	Key Expert	pm	Key Expert	Pm	Key Expert	pm	Key Expert		Key Expert	pm	Key Expert	pm
1	TL/PM & Monitoring Expert	21.22	TL/ Municipal Engineer	25.77	TL/ Sewer & Drain Er	25.83	TL/ Drainage Er	21	TL/Drainage Expert	6.91	TL/Drainage Expert	11.0	TL/Urban Management Expert	
2	DTL/Municipal Governance Expert	19.76	DTL/ Road and Drainage Eng-2	38.33	DTL/Road Engineer	0.35	Drain Design Er	2.0	Road Const & Utility Coor Er	4.5	Road Const & Utility Coor Er	2.5	Financial Management Expert	
3	Road Engineer	13.95	Urban Planner-2	25.47	Integrated Solid Waste management Design Engineer	2.23	Road Const & Utility Coor Er	3.0	Electrical-Mechanical Er*	-	Electrical-Mechanical Er*	2.0	Institutional Development Expert	
4	Strategic Urban Planner	5.51	Urban Designer/ Architect	12.0	Geotechnical Engineer*	0.22	Electro-Mech /Electrical Er	1.5	Gender and Social Inclusion (GESI) Expert*	2.91	Gender and Social Inclusion (GESI) Expert*	1.5	GIS Expert	
5	Drainage Engineer	13.12	Drainage Engineer- 2	36.0	Structural Engineer*	-	Gender and Social Inclusion (GESI) Expert	3.0	Social Safeguards Expert*	1.06	Social Safeguards Expert	10.0	Information System Expert	
6	GIS Expert	1.77	WW Manage Engineer- 2	21.49	Procurement Expert/Contract Management Specialist	0.96	Social Safeguards Expert	6.0	Environmental Safeguard Expert	2.54	Environmental Safeguard Expert	2.0	Environmental Management Expert	
7	Information Technology Expert	7.96	SWM Engineer	23.07	Construction Supervision & Utility Coordination Engineer x 3	38.28	Environmental Safeguard Expert	6.0	Construction Supervision Er x2	22.35	Construction Supervision Er x 2	22.0	IEC Expert	
8	Electro-mechanical Engineer*	-	Geotechnical engineer	1.88	Finance/Economist*	-	Construction Supervision Er x 2	41.7	Asset Manag expert	3.40	Procurement & contract management specialist	-	Municipal Engineers x 4	
9	Structural Engineer*	-	Structural Engineer	13.35	Quantity Surveyor	18.0	Procurement & contract management specialist	1.5	Mr. Ajeet Kumar Chaudhary, TBN	1.0			Municipal Finance Specialists x 4	
10	Procur & Contract M Expert	14.07	Procur & Cont M Expert*	13.89	Environment Safeguard Expert	13.31			Construction Manag Expert, TBN	0.0			GESI Specialists x 4	
11	Monit and Evaluation Expert	7.36	Road Const & Utility Cord Engineer x 2	1.0	Social Safeguards/ GESI/Resettlement Ex	11.70			Rameshkaji Tuladhar, SWM EXpert	0.5				
12	Financial Managt Expert	9.35	Const. Supervision Engineers (2x2)*	2.76	Electrical Engineer*	-			Khem Dallakoti Procu/Contract Management Expert	0.0				
13	GESI and S Dev Expert	14.72	Fin Analyst/ Economist	0.58	Mechanical Engineer*	-			Mechanical Engineer, TBN	0.0				
14	ES Expert	9.21	Quantity Survey Expert	23.825	Sewerage Treatment Expert	0.23								
15	SS Expert	8.92	ES Expert	6.54										
16	SWM Expert	3.27	SS/ Resettlement Expert	20.56										
17	PPP Expert	2.0												
18	Prayag Lal joshi, Municipal Er.	5.16												
19	Satish subedi FMA	5.24												
	Total	162.6		266.3		111.07		85.70		44.89		51.00		

Note: * - Expert not mobilized till reporting period
** - The experts input is ambiguous compared to August and before

2.1.1 Service Delivered

The PMC has delivered following major services in **October 2019**:

- a. Reviewed final Resettlement Plan of Road and Drainage works of Dhangadhi municipality,
- b. Reviewed and discussed a number of times VO-01 (works) of Nepalgunj with TL CSC, Nepalgunj,
- c. Prepared and submitted Monthly Progress Report (MPR-019) for September 2019.
- d. Prepared and submitted Quarterly Progress Report (QPR-07) for (July-September) 2019.
- e. Prepared and submitted brief report on implementation of PBSEDP 2018/19 (FY 2075/76) with remarks,
- f. Submitted PMC observations on Draft Aid Memoire of ADB Loan Review Mission fielded on 23 August – 03 October 2019,
- g. Provided advises on various issues and problems related to the project planning, design (P7) and implementation (non P7).

The ongoing activities of PMC are as follows:

- a. Prepare stakeholder's analysis, consultation strategy and communication plan for detailed engineering design and investigation of ISWM facilities of Group B (P7) municipalities (Dhangadi and Bheemdutt) and Group A (non P7) municipality, Biratnagar covering both technical and social part,
- b. Continuously follow up for individual consent letter to be included in final Resettlement Plan, Birgunj,
- c. Monitor agreement status of Siddharthanagar municipality and Ms. Bhawani Rijal Belbase related to grievances of Ms. Rijal,
- d. Review Draft Detailed Engineering Design Report of Waste Water Treatment Plant (Faecal Sludge Management Plant) for Godawari Municipality submitted by DSC P7,
- e. Review Draft Detailed Engineering Design Report of Waste Water Treatment Plant (Faecal Sludge Management Plant) for Shuklaphanta Municipality submitted by DSC P7,
- f. Review Final Storm Water Drainage net-work Master plans of all FWP (P7) project municipalities submitted by DSC P7,
- g. Review Final Road Network Master plans of all FWP (P7) project municipalities submitted by DSC P7,
- h. Review Final Resettlement Plan for road and drainage works of Dhangadi,
- i. Review EoT proposal for Road and Drainage works submitted by PIU Biratnagar,
- j. Review revised VO-01 for Road and Drainage works submitted PIU Biratnagar,
- k. Conduct training on Project Management Information System (PMIS), Content Management System (CMS) and Web site operation and management system to RPIU and remaining PIUs, DSC and CSCs,
- l. Assist PCO in various issues, review IPCs/MPRs etc. and other documents submitted by DSC/CSC through PIUs and RPIU.

2.2 Joint ADB Loan Review Mission and Time Bound Action Plan

3rd RUDP-ADB Loan Review mission was fielded from **23 August 2019 to 03 October 2019**. The mission successfully conducted fielding works discussed with all project stakeholders and shared Draft Aid Memoire.

The 2nd Loan review mission was fielded from **15 November to 10 December 2018**, and discussions were held with the officials of MoUD, DUDBC, PCO, RPIU, and Project municipalities, PIUs, Consultants and Contractors involved in the implementation of RUDP. The mission has identified various short term actions to be done to meet the objectives of the project by mobilizing various implementing agencies (refer **Appendix IX, Table 1.2** for the status of Action Plan). Similarly, status of remaining time bound action plan agreed on ADB Inception Mission fielded from **12 January to 2 February 2018** is also shown in **Appendix IX, Table 1.1**.

2.3 Proposed Activities for next month

The main activities of PMC for next month will be the following:

- a. Prepare and submit MPR-21,
- b. Prepare and submit withdrawal application,
- c. Review Draft Final Long Term Urban Development Plan of FWP Project municipalities,
- e. Receive and submit individual consent letter for RP (social safeguard) report of Birgunj,
- g. Review IPCs and QPRs/MPRs submitted by DSCs/CSCs or PIUs/RPIU and provide comments and suggestions to PCO, if any,
- h. Review various documents to be submitted by DSC of Group B (FWP) municipalities related to Detailed Engineering Design, IEE, GESI/RP and others,
- i. Continue monitoring work on GESI implementation Action Plan and compliance of Loan Covenants,
- j. Identify training needs in GESI, Safeguard, Finance and monitoring the works,
- k. Continue to ensure GESI effectiveness in project municipalities,
- l. Continue training/orientation to PIUs/PISUs/RPIU and project municipalities on financial/project accounting, and ADB's disbursement guidelines,
- m. Disseminate animation prepared for SWM awareness program in P7 municipalities and Biratnagar,
- n. Continue to monitor training of trainers for municipal staff on GESI mainstreaming,
- o. Continue to monitor collection of disaggregated data, monitor and prepare progress reports to ensure GESI targets and approaches (GESI PLAN) in community development program and poverty clusters,
- p. Continue to monitor workshop to be conducted, five-year work plan and annual work plan for GESI mainstreaming,
- q. Finalize design criteria and standard specification for, electrical and mechanical works,
- r. Conduct orientation/training on FIDIC procedure on contract management to PCO/RPIU /PISUs/PIUs and municipal staff,
- s. Finalize guidelines for project management and contract administration,
- t. Continue to update RUDP website and conduct monitor project activities under PMIS,
- u. Finalize RUDP Plans, Programs and Procurement Plans for next FY 2076/77,

- v. Finalize monitoring format for MPR, QPR, and others,

3 Civil Contractors

3.1 Contract Data

The contractors have been hired and commencing their work in all non P7 project municipalities. The key information of contractors hired by PIUs of Group A municipality and project status is tabulated on **Appendix XIII**.

3.2 Key Personnel

Contractors are liable to mobilize their key personnel described in contract agreement. The summary of mobilized personnel of contractors are given in **Appendix XI**.

3.3 Laboratory

Contractors commencing work in all non P7 Municipalities (Siddharthanagar municipality, Biratnagar MC, Nepalgunj SMC, and Birgunj MC) have established laboratory and conducting lab test of construction materials.

3.4 Plant and Equipment

Appendix XII shows summary of Plant and Equipment required and mobilized by contractors at sites.

4 Physical Status of Project

4.1 General

This section presents overall physical progress of sub-project components of each project municipalities. The information is received from the respective project implementation units for Group A (non FWP) municipalities and Regional Project Implementation Unit for Group B (FWP) municipalities.

4.2 RUDP Sub Project (P7 municipality)

The RPIU and Group B (FWP) municipalities have not achieved any significant physical work progress since project inception. However, the progress achieved in urban planning, surveying, detailed design work, and procurement process etc. on sub projects of each municipality are described in following sub headings.

4.2.1 Bheemdatt

The main output of RUDP is to develop urban infrastructure¹ (**Appendix III**) in the municipalities. Under this output, about **36.60** km Road and Drainage at **8** road sections, Integrated Solid Waste Management Facility to serve about 10,700 hh (Land fill site area is 12.87 hac) and decentralized Waste Water Treatment Plants to serve around 2,000 hh has to be developed at Bheemdatt municipality. Other output consists of Capacity Development of municipality, under which development of socio-economic infrastructure based on PBSEDP, GESI activities, preparation of urban master plan and its controlling measures; and introduction of GIS house numbering in utility and IPT system.

a) Urban Development: Consultant has prepared GIS based base maps, submitted digital copies, and presented to DUDBC. It has developed draft existing/proposed land use plan, and risk sensitive land use map. The consultant has submitted, Draft Final Road and Drainage network plan, and Draft Urban Development Plan. A workshop has been conducted to finalize the draft long term urban development plan. DSC has briefed about land pooling technique and process, and discussed its pro and cons with municipal ward officials. Municipality has not yet to finalize site for Land Pooling.

b) Integrated Solid Waste Management (ISWM): DSC has assessed present municipal capacity on ISWM. Similarly, it has studied composition of solid waste and determined per capita (hh) waste generation of municipality.

¹ Identified by ADB, PPTA

All three alternate sites were visited by joint ADB loan review mission. Municipality has promised to select one for detailed survey and investigation works as early as possible. DSC is preparing to conduct stakeholder's analysis, consultation strategy and communication plan.

c) Road and Drainage: The consultant has completed detailed surveying of 36.19 km road of 14 road sections. While, municipality has requested to add 9 km more road section for survey and design. Bidding Documents of proposed road and drainage construction work has been finalized and IFB has been published, accordingly. Due to cost constraint 14.01 km urban road and 20.63 km storm water drainage has been proposed under RUDP.

d) Integrated Waste Water Treatment Plant: The sites are yet to be identified for WWTP. Consultant's proposal for source characterization has been approved.

e) Social Safeguard and GESI: Bheemdatt municipality has formed GRM/GRC, and record keeping system at municipal level. The consultant has prepared GESI action Plan, comments of which have been forwarded. ISWM exposure visit, GESI training and workshop on 3R activities were conducted. Total 279 including 88 (31.5%) female of community people and municipality staffs were benefited from those activities. To ensure the project activities effectiveness, 7 times project progress review meeting has been carried out. 2 event on consultation and identification of priority needs women, poor and socially excluded groups has been organized. 97 persons including 14 (14.4%) female were participated in event. 4 consultation event on project's resettlement plan and framework has been done in different project affected area. Total 142 project affected (including 21, 14.8% female) people were benefited by consultation event. (Appendix: XVIII, Table: A, B, C, and D). Similarly, comments on Final RP of road and drainage has been forwarded.

f) Environmental Assessments: The submitted IEE ToR for urban roads & drainage construction has been presented at MoUD. Accordingly, final ToR has been submitted to MoUD incorporating comments and suggestions.

g) Performance Based Socio Economic Development Program (PBSEDP): The municipality has implemented 2nd year PBSEDPs based on the revised grant ceiling (Nrs. 46,166,872.00) and approved program for FY 075/76. It spent about 93% (Nrs. 42,948,935.00) of total ceiling. It has spent Nrs. 16,759,325.00 or 39% of its total expenditure to GESI and socio-economic development activities.

4.2.2 Dhangadhi

One among the many outputs of RUDP is to develop about 34.00 km Road and Drainage of 15 road sections, Integrated Solid Waste Management Facility to serve about 10,000 hh (Land fill site area is 12.87 hac) and decentralized Waste Water Treatment Plants to serve around 3,000 hh at Dhangadhi sub metropolitan city (DSMC). Other outputs and activities are similar to that of Bheemdatt municipality.

a) Urban Development: Consultant has prepared GIS based base maps, submitted e-copy, and presented to DUDBC. It has developed Draft existing/proposed land use plan, and risk sensitive land use map. Consultant has completed, Draft urban development plan, pre-feasibility study of LP scheme, draft final master plan of Urban Roads and Draft Storm Water network plan. A workshop has been organized to finalize Urban Development Plan and municipal vision.

b) Integrated Solid Waste Management (ISWM): DSC has completed baseline study of existing solid waste practices, determined physical composition of solid waste and per capita (hh) generation of waste. It has also completed topographical survey of proposed ISWM site located at the bank of Mohana River and Kailai Nala. But due to opposition of locals residing to and surroundings of site, municipality has proposed an alternate site. The site has been visited by 3rd loan review mission. The mayor has promised to make it available for further engineering survey and investigation work soon.

c) Road and Drainage: The consultant has completed detailed surveying of 47.307 km

road of 24 road sections. Due to budgetary constraint, Bidding Documents has been prepared only for 10.25 Km, and accordingly TBER has been finalized and forwarded to ADB for concurrence.

d) Integrated Waste Water Treatment Plant: The consultant has drafted design of septic tanks, institutional and public toilets. But sites are yet to be fixed. Similarly, consultant has determined waste water characters at source and finalized design concept note.

e) Social Safeguard and GESI: DSMC has formed GRM/GRC, and record keeping system at municipal level. Draft GESI action plan has also been prepared. Earthquake resilience building construction training to mason and GESI training activities were conducted. Total 169 including 61(36.1%) females were benefited from those activates. To ensure the project activities effectiveness, 6 times project progress review meeting has been carried out. 3 event on consultation and identification of priority needs women, poor and socially excluded groups has been organized. 48 persons including 2 (4.2%) female were participated in event. 3 consultation event on project's resettlement plan and framework has been done in different project affected area. Total 37 project affected (including 8, 21.6% female) people were benefited by consultation event. **(Appendix: XVIII, Table: A, B, C, and D)**. Additionally, final RP for road and drainage has also been finalized.

f) Environmental Assessments: Resubmitted IEE ToR for urban roads & drainage construction has been approved by MoUD. Accordingly, final IEE report has been submitted.

g) Performance Based Socio Economic Development Program (PBSEDP): The municipality has implemented 2nd year PBSEDPs based on the grant ceiling (Nrs. 68,395,366.00) and approved program for FY 075/76. It spent 72.60% (Nrs. 49,648,780.00) of total ceiling. The municipality has spent Nrs. 17,300,094.00 or 35% of total expenditure to socio-economic development and GESI activities.

4.2.3 Godawari

In addition to development of approximately 20 km of Road and Drainage at 6 road sections, Integrated Solid Waste Management Facility (Land Fill site area is 16.93 hac) and decentralized Waste Water Treatment Plants to serve around 6,600hh and 2,000hh respectively, Godawari municipality has to construct Municipal office building under RUDP. All other outputs and activities to be developed at this municipality are same as described for other P7 municipalities.

a) Urban Development: Consultant has prepared GIS based base maps, submitted e-copy, and presented at DUDBC. It has also developed Draft existing/proposed land use plan, and draft risk sensitive land use maps. The consultant has submitted, Draft Urban Development Plan, Draft Final master plan of road and storm water drainage. DSC has also organized briefing and discussion program on land pooling technique and process, its pros and cons focusing on municipal ward officials. Municipality has not finalized LP site for pre-feasibility study. A workshop has been organized to finalize long term urban development plan and municipal vision in the presence of stakeholders.

b) Integrated Solid Waste Management (ISWM): DSC has completed baseline study of existing solid waste practices, determined physical composition of solid waste and per capita (hh) waste generation. The proposed SWM site located at Chukidanda Community forest has been shifted towards upstream, accordingly CFUG has endorsed to provide required land for ISWM facility with number of conditions. The final Detailed Engineering Design report of ISWM facility has also been finalized.

c) Road and Drainage: The consultant has completed detailed survey, design, and cost estimate of about 24.20 km of 11 road sections. However, due to budgetary constraint Bidding Documents for 16.53 km road length has been prepared, accordingly, TBER has been finalized and submitted to ADB for approval.

d) Integrated Waste Water Treatment Plant: Consultant has drafted design of septic tanks, institutional and public toilets. It has determined waste water characters at source and

finalized detailed engineering design report.

e) Municipal Building: PBER has been finalized, accordingly approval of the same has been received, though, the cost of the building is higher than the budgetary provision.

f) Social Safeguard and GESI: Godawari municipality has formed GRM/GRC, and record keeping system at municipal level. Draft GESI action plan has been prepared. Income generating training to MUKTA KAMAIYA, Mason training on earthquake resistant building construction, PHOHAR BATA MOHAR, and BET BAANS training activities were conducted. Total 113 including 50 (44.2%) females were benefited from those activities. To ensure the project activities effectiveness, 4 times project progress review meeting has been carried out. 2 event on consultation and identification of priority needs women, poor and socially excluded groups has been organized. 33 persons including 4 (12.1%) female were participated in event. 4 consultation event on project's resettlement plan and framework has been done in different project affected area. Total 37 project affected (including 4, 6.9% female) people were benefited by consultation event. **(Appendix: XVIII, Table: A, B, C, and D)**

DDR for the construction of municipal office building and ISWM facility has been submitted. In additions, final RP for road and drainage has also been submitted.

g) Environmental Assessments: The resubmitted IEE final ToR for ISWM facility work has been submitted to MoUD for approval. While, final IEE report of Road and drainage is in approval process.

h) Performance Based Socio Economic Development Program (PBSEDP): The municipality has implemented 2nd year PBSEDPs based on the grant ceiling (Nrs. 34,197,683.00) and approved program for FY 075/76. It spent 91.04% (Nrs. 31,134,258.00) of total ceiling. It has expended Nrs. 14,880,213.00 or 48% of total expenses to socio-economic development and GESI activities.

4.2.4 Shuklaphanta

One among many outputs of RUDP is to develop about 8.0 km Road and Drainage of 4 road sections, Integrated Solid Waste Management Facility (Land Fill site area is 9.69 hac) and decentralized Waste Water Treatment Plants to serve around 3,400 hh and 400 hh respectively, build a Municipal office building at Shuklaphanta municipality. All other remaining outputs and activities to build at this municipality are similar to that of other P7 municipalities.

a) Urban Development: The consultant has prepared GIS based base maps, submitted e-copy, and presented at DUDBC. It has developed draft existing/proposed land use plan, and draft risk sensitive land use map. DSC has submitted Draft Urban Development Plan, Draft Final Storm Water Drainage and Road Network master plan, and pre-feasibility study of Land Pooling schemes. A workshop to finalize long term urban development plan and municipal vision has been conducted in broad participation of stakeholder's presence.

b) Integrated Solid Waste Management (ISWM): DSC has assessed present municipal capacity on ISWM. Similarly, it has studied composition of solid waste and determined per capita (HH) waste generation of municipality. The AGM of CFUG has decided to provide the proposed site (additional land also) to municipality to develop ISWM site. Accordingly, the detailed engineering design has been finalized.

c) Road and Drainage: The consultant has completed detailed survey, design, cost estimate and of about 8.514 km road of 4 road sections. However due to budgetary provision IFB of 4.77 km road has been published, accordingly TBER is in approval process.

d) Waste Water Treatment Plant: Consultant has completed draft designs of septic tanks, institutional and public toilets. Similarly, characterization of Waste Water at source and Detailed engineering design report of WWTP has been finalized.

e) Municipal Building: PBER has been prepared, accordingly approval of the same has been received. However, the estimated cost is much higher than budgetary provision.

f) Social Safeguard and GESI: Shuklaphanta municipality has formed GRM/GRC, and

record keeping system at the municipal level. It also organized discussions with locals on ADB and GoN safeguard policies. To ensure the project activities effectiveness, 5 times project progress review meeting has been carried out. 2 event on consultation and identification of priority needs women, poor and socially excluded groups has been organized. 58 persons including 8 (13.8%) female were participated in event. **(Appendix: XVIII, Table: B and C)**

DDR prepared for ISWM facility and Municipal office building has been submitted. Similarly, final RP for road and drainage has also been submitted.

g) Environmental Assessments: Final IEE ToR for ISWM facility has been submitted to MoUD. While, for road and drainage work rapid environmental assessment has been prepared and submitted.

h) Performance-Based Socio-Economic Development Program (PBSEDP): The municipality has implemented 2rd year PBSEDPs based on the grant ceiling (Nrs. 21,373,552.00) and approved program for FY 075/76. It spent 83.37% (Nrs. 17,819,837.00) of total ceiling. It also expended Nrs. 4,269,581.00 or 24% of total expenses to socio-economic development and GESI activities.

4.3 Other sub project (Non P7 municipalities)

ADB has been supporting four non P7 municipalities with an additional investment to complete ongoing infrastructure sub projects financed under IUDP and STIUEIP. The progress achieved by the PIUs of concerned municipalities since their commencement is described in following sub headings:

4.3.1 Biratnagar

PIU Biratnagar has been implementing one sub project under RUDP: Biratnagar Sewerage, Road, Drainage, Footpath, Road Furniture work and solar street light (Contract no. RUDP/ICB/BRT/2) and also carrying out detailed design and costing work of ISWM facility. The contractor has been mobilized and has commenced its work. The progress of this contract is attached in **Appendix XIV**.

The overall Physical and financial progress in civil work achieved as of **October** 2019 by PIU Biratnagar was 79.64% and 78.81% respectively. Whereas, the progress of this reporting month was 1.14% (Physical) and 3.45% (Financial) respectively.

Project orientation workshop to community has been carried out in different 9 location of project area. Total 348 including 78 (22.4%) females of community people were participated from those activates. 3 times project orientation to contractor has been conducted. Total 73 (including 4, 5.5% female) person from contractor's staffs i.e. management, laborers, field supervisors were oriented. To ensure the project activities effectiveness, annual participatory community monitoring meeting has been carried out. 4 consultation event on project's resettlement plan and framework has been done in different project affected area. Total 27 project affected people were benefited by consultation event. **(Appendix: XVIII, Table: D, E, F, and G)**

4.3.2 Birgunj

Birgunj municipality has been implementing Road, Drainage, Footpath, Road Furniture, Bypass road and Bus-Bays under RUDP. Though the contractor was hired on 13 June 2018, the work has been commenced on December 2018 only after mobilization of consultant (3 December 2018). The progress of this contract is attached in **Appendix XIV**.

The overall Physical and financial progress of Birgunj as of **October** 2019 was 40.00% and 40.44% respectively. While, physical and financial progress in this reporting month was 2.04% and 3.51% respectively.

Project orientation workshop to community has been carried out in different 5 location of project area. Total 257 including 64 (24.9%) female of community people were participated from those activates. 2 times project orientation to contractor has been conducted. Total 53

(including 4, 7.5% female) person from contractor's staffs i.e. management, laborers, field supervisors. To ensure the project activities effectiveness, annual participatory community monitoring meeting has been carried out. **(Appendix: XVIII, Table: E, F, and G)**

4.3.3 Nepalgunj

PIU Nepalgunj has been implementing Road, Drainage, Footpath and Road Furniture (contract no. RUDP/ICB/NEG/3) under RUDP. The PIU Nepalgunj has mobilized its contractor and work is in progress. The Physical progress till reporting period is **98.997%**, whereas, financial progress is **102.8%**. The item wise linear progress is shown in **Appendix XIV**.

The Physical and Financial Progress of Civil works of Nepalgunj SMC in **October** 2019 was **0.00%** and **1.39%** respectively.

4.3.4 Siddharthanagar

Under RUDP Siddharthanagar PIU has been implementing Siddharthanagar Drainage, Roads, Footpath and Road Furniture construction work (contract no. RUDP/ICB/SN/4). The progress achieved by Siddharthanagar PIU is presented in **Appendix XIV**.

The overall Physical and financial progress achieved till **October** 2019 by PIU Siddharthanagar in civil work was **99.00%** and **101.71%** respectively. Whereas, the progress in the reporting period was **1.00%** (Physical) and **4.46%** (Financial) respectively.

5 Financial Status of the Project

5.1 General

The financial status of Project till **October** 2019 has been described in following sub headings.

5.2 Consolidated Disbursement

A summary of the consolidated disbursement achieved by the project (PCO, RPIU, and PIUs) as of **October** 2019 is given in **Table 5.1**. A detailed breakdown of disbursement of expenditures of each implementing units as of **October** 2019 is given in **Appendix XV**. The disbursements are noted according to the financial records kept by the project offices in the Nepalese calendar and accordingly converted to Georgian calendar month.

Table 5.1 Summary of Disbursement and Expenditure of RUDP as of **October 2019**

S. No.	Description of Project Offices	As of December 2017	January to December 2018	January-September 2019	October 2019	As of October 2019
1	Project Coordination Office	53,434,293.00	149,939,707.60	57,385,495.60	3,386,379.00	264,145,875.20
2	Regional Project Implementation Unit , Dhangadhi	-	3,893,405.00	6,762,429.00	513,036.00	11,168,870.00
3	Bheemdatt Sub Metropolitan City, PISU	-	6,860,583.17	31,661,051.05	-	38,521,634.22
4	Dhangadhi Sub-Metropolitan City, PISU	-	5,921,955.00	51,839,071.65	-	57,761,026.65
5	Godawari Municipality, PISU	-	57,376,223.50	30,511,614.00	-	87,887,837.50
6	Shuklaphanta Municipality, PISU	-	5,551,055.00	19,244,163.91	-	24,795,218.91
	Total of P7 Municipalities	-	75,709,816.67	133,255,900.61	-	208,965,717.28
7	Biratnagar Metropolitan City, PIU	355,957,147.50	915,624,707.63	773,503,733.55	96,130,031.71	2,141,215,620.39
8	Birgunj Metropolitan City, PIU	-	195,136,538.90	701,574,944.14	84,984,868.95	981,696,351.99
9	Siddharthanagar Municipality, PISU	375,265,884.26	1,005,519,453.20	956,464,123.66	111,128,829.54	2,448,378,290.66
10	Nepalgunj Sub-Metropolitan City, PISU	442,853.40	1,246,899,687.60	433,057,577.17	26,742,528.00	1,707,142,646.17
	Total of None P7 municipalities	731,665,885.16	3,363,180,387.33	2,864,600,378.52	318,986,258.20	7,278,432,909.21
	Grand Total	785,100,178.16	3,592,723,316.60	3,062,004,203.73	322,885,673.20	7,762,713,371.69

5.3 Financial Activities for November 2019

The following activities have been planned for November 2019:

- a) Receive monthly SOE from the PCO, RPIU, PISUs and PIUs required to prepare the monthly progress report,
- b) Follow up PCO, RPIU (PISUs) and PIUs for their project accounts and financial reports,
- c) Disseminate financial information of project to all concerned,
- d) Submit withdrawal application to ADB, (for status as of October 2019 see Attachment)
- e) Conduct financial related orientation/training to RPIU/PIUs/PISUs,
- f) Establish budget control and financial monitoring system,
- g) Submit un-audited project financial report.

6 Work Progress

6.1 Physical

The overall physical progress of RUDP is 35.82% till October 2019. However, progress on reporting period, October 2019 is 0.74%.

6.2 Financial

The overall financial progress till October 2019 and reporting period (October 2019) is 34.81% and 1.44% respectively.

7 Major issue and Remedial Action

- a) Delay in conducting Detailed Engineering Survey, investigation and design of ISWM sites of Dhangadhi, Bheemdatt and Biratnagar due to obstruction of locals resulting delay in the contracting process and commencement of development work.

Municipalities and RPIU should immediately identify alternate sites and handover to DSC for survey and investigation work. Municipalities should focus an awareness program by developing ICT materials,

- b) Delay in finalization of Land Pooling (LP) Sites for Dhangadhi and Bheemdatt and prepare DPR has been encountered poor project progress and compliance.

Concerned municipality and RPIU should take necessary initiative and finalize LP sites.

- c) Delay in approval of TBER of Road and Drainage Works (Three Packages) of Dhangadhi, Godawari and Shuklaphanta due to ADB's suggestion to conduct technical evaluation of bidding document submitted by GoN debarred bidder to participate in bidding process.

ADB and PCO should find out the solution in close coordination of MoF and PPMO as early as possible.

Appendixes

Appendix i : Key Information of Mobilized Consultants as of October 2019

Description features	Name of Consultants and Details							
	ERMC (P) Ltd	Building Design Authority (P) Ltd in JV	Building Design Authority (P) Ltd in JV	BDA Nepal (P) Ltd in association with	Building Design Authority (P) Ltd.	BDA Nepal (P) Ltd in JV	PLUS Engineers & Architects in JV	
Executing/Implementing Agency	MoUD/DUDBC /PCO	MoUD/DUDBC/PCO/PIU Biratnagar Metropolitan City	MoUD/DUDBC/PCO/ RPIU Dhangadhi DO	MoUD/DUDBC/PCO/ PIU Siddharthanagar Municipality	MoUD/DUDBC / PCO/ PIU Birgunj Metropolitan City	MoUD/DUDBC/PCO/ PIU Nepalgunj Sub-Metropolitan City	MoUD/DUDBC /PCO	
Funded by	ADB	ADB	ADB	ADB	ADB	ADB	ADB	
Package Name	Project Management Consultant (PMC)	Design Supervision Consultant (DSC)	Design Supervision Consultant (DSC)	Construction Supervision Consultant	Construction Supervision Consultant (CSC)	Construction Supervision Consultant (CSC)	Institutional Development Consultant (IDC)	
Package no.	Consultant RUDP/PMC/MoUD/S-02	Consultant RUDP/DSC/BRT/02	Consultant: RUDP/DSC /MoUD/S-01	Consultant: RUDP/CSC/SM-01	Consultant: RUDP/CSC/BRJ/01	Consultant: RUDP/CSC/NEG-02	RUDP/IDC/MOUD/S-03B	
Working Station	Babarmahal, Kathmandu	Biratnagar MC office	Dhangadhi, RPIU, DUDBC	Siddharthanagar Municipality	Birgunj MC office	Nepalgunj Sub-M office	P7 project municipalities	
Date of Agreement	27-Dec-17	28-Aug-17 02 April 2018*	27-Aug-17	29-Jan-18	19-Nov-18	28-Nov-18	11-Oct-19	
Contract Amount with VAT & contingencies	NRs. 175,606,279.31	NRs. 111,494,275.00 NRs. 119,268,675.00*	NRs. 283,736,785.00	NRs. 48,247,497.00	NRs. 63,965,345.00 NRs. 69,338,495.00*	NRs. 53,473,860.00	NRs. 205,146,867.00	
Engineers Estimate with VAT & contingencies	NRs. 173,030,203.62	NRs. 111,295,960.00	NRs. 304,670,035.00	NRs. 51,647,667.00	64,219,595.00	NRs. 53,637,710.00	NRs. 221,299,087.0	
Amount Paid	Advance	NRs. 31,080,757.00	NRs. 16,202,000.00	NRs. 36,084,000.00	NRs. 5,086,500.00	NRs. 15,364,776.45	NRs. 7,001,000.00	
	IPCs	NRs. 44,715,231.00	NRs. 47,274,244.99	NRs. 61,293,066.00	NRs. 24,947,197.17	NRs. 7,247,704.04	NRs. 12,057,636.00	
Date of Mobilization	3-Jan-18	6-Sep-17	1-Sep-17	1-Feb-18	26-Nov-18	03-Dec-18	01-Nov-19	
Completion Date	21/12/2022 (60 months)	27/08/2020 (36 months)	09/08/2022 (60 months)	30/06/2020 (29 months)	30 April 2021 (30 month)	17 Aug 20 (21.67 Months)	31-Dec-22	
Time elapsed	36.67% (22 months)	72.22% (26 months)	43.33% (26 months)	72.41% (21 months)	36.6 7% (11 month)	50.76% (11 month)	0.0%	
Estimated Total key person month	351 (365*)	176 (205*)	699	114	126	114	444	
Used PM as of October	162.6	111.07	266.3	85.7	44.89	51.0	0.0	
Nos of Expert (Proposed)	16	14 (15)	2	9	9	8	19	
Mailing Address	Tel	01-4479361	01-4227939	01-4227939	14436842	01- 4247706	01-4440364	01-5184362
	Fax	01-4479361	01-4223536	01-4223536	01-4440364	01- 4247939	?	
	E-mail	ermc@ermcnepal.com	bdapvtLtd@gmail.com	bdapvtLtd@gmail.com	bdanep@gmail.com	pluspvtLtd@gmail.com	bdanepal112@gmail.com	pluspvtLtd@gmail.com
Other Partner	-	BN Consultancy (P) Ltd and Plus Engineers & Architects (P) Ltd	ITECO(P) Ltd, Soil Test (P) Ltd. and Udaya Consultancy (P) Ltd	Garima International Design Associates Nepal (P) Ltd	BN Consultancy (P) Ltd and plus Engineers & Architects (P) Ltd	Garima International Design Associates Nepal (P) Ltd	UDAYA, FULL BRIGHT & BN Consultancy P. Ltd	

Note: * - VO-01

Appendix ii : Proposed Sub Projects for Group A (non P7) Municipalities as of **October 2019**

Municipality	Job Title	Major Activities		
		Sector	Targeted	Under Implementation
1. Biratnagar	a. Construction or Improvement	Sewerage pipelines	20.08 km	20.082 Km
		Urban Roads	73.05 km	73.086 Km
		Footpath	26.05 km	26.50 Km
		Roadside drain	26.05 km	26.05 Km
		Strom water Drainage	652.89 m	652.89 m
		HH connection to sewerage lines	7,500 hh	3,748 hh
		Installation of Solar Streetlights	1.00 km road length	1.00 km
	b. Detailed Design, Cost Estimate and preparation of Bidding Documents	Integrated Solid Waste Management Facility	18.96 Hac for 750 hh	-
2. Birgunj	a. Construction or improvement	Urban Roads, Bypass Road and Bus-bays	21.35 km (ward 2, 4, 6, 9, 10, 11, 16, 17, 18 & 19)	21.35
		Storm Water Drainage,	21.35 km	21.35 Km
		Roadside Drain		21.35 km
		Water Supply pipes		-
		Footpath	30.12 km	0.279 KM
		Installation of Solar Streetlights	11.14km road length	30.12 Km
3. Siddharthanagar	a. Construction or Improvement	Urban Road	34.87 km (ward 1, 3, 4, 5, 6, 7,8, 9, 12 & 13)	25.00 km
		Footpath	25.0 km	10.0 Km
		Roadside Drainage	50.0 km	50.0 Km
		Water Supply pipes		50.76 Km
		Storm Water Drainage		6.02 km
		Solar Street Light	35.0 km	35.0 km
4. Nepalgunj	a. Construction or Improvement	Urban Road	36.53 km (ward 1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, & 27)	18.35 Km
		Footpath	58.76 km	1.6 Km
		Water Supply pipes		36.0 Km
		Roadside drain	59.2 km	30.9 Km
		Storm Water Drainage		3.5 km

Appendix iii : Proposed Sub Projects for Group B (P7) Municipalities as of October 2019

Municipality	Job Title	Major Activities		
		Sector	Targeted	Under Implementation
1. Bheemdutt	a. Construction/ Improvement and Implementation	Wastewater Management	2,000 hh (old ward: 4,6 &18)	-
		Urban Roads	36.50 km (old ward: 1,3,4,8,9,10,11,12,15,16.17, 18)	14.01 km
		Footpath	-	-
		Roadside drain	36.50 km (old ward: 1,3,4,8,9,10,11,12,15,16.17, 18)	20.63 km
		Integrated Solid Waste (3R) Management	10,700 hh (old ward 1 to 11 & 15 to 18)	-
		Strom water Drainage	-	-
		Installation of Solar Streetlights	-	-
		PBSEDP	-	-
		Land Pooling Schemes	One scheme	Approval of DPR
2. Dhangadhi	a. Construction/ Improvement and Implementation	Wastewater Management	3,000 hh (old ward 1,2,3, 4, 5 & 8)	-
		Urban Roads	34.00 km (old ward: 1,2,3,4,5,6.8,10, 12 & 13)	10.25 km
		Roadside Drain	34.00 km (old ward: 1,2,3, 4,5, 6.8,10,12 & 13)	-
		Footpath	-	-
		Integrated Solid Waste (3R) Management	10,000 hh (old ward: 1,2,3,4,5,8,& 13)	-
		Strom water Drainage	-	-
		Installation of Solar Streetlights	-	-
		PBSEDP	-	-
		Land Pooling Schemes	One scheme	Approval of DPR
3. Godawari	a. Construction or Improvement and Implementation	Wastewater Management	2,000 hh (old ward 3,4 & 13)	-
		Urban Roads	20.00 km (Old ward: 2,5,6, 7,10 & 12)	16.53 km
		Roadside Drainage	20.00 km (Old ward: 2,5,6, 7,10 & 12)	-
		Footpath	-	-
		Integrated Solid Waste (3R) Management	6,600 hh (Old ward: 2,3,4,5,6,7,11,12 & 13)	-
		Strom water Drainage	-	-
		Installation of Solar Streetlights	-	-
		PBSEDP	-	-
		Land Pooling Schemes	One Scheme	Approval of DPR
Building	Office Building	-		

4. Shuklaphant a	a. Construction or Improvement and Implementation	Wastewater Management	400 hh (Old ward: 10 & 11)	-
		Urban Roads	8.00 km (Old Ward4,9,10 & 11)	4.77 km
		Roadside Drainage	8.00 km (Old Ward4,9,10 & 11)	-
		Footpath	-	-
		Integrated Solid Waste (3R) Management	3,400 hh (Old Ward: 3,4,5,6,7,9,10 & 11)	-
		Strom water Drainage	-	-
		Installation of Solar Streetlights	-	-
		PBSEDP	-	-
		Land Pooling Schemes	One Scheme	Approval of DPR
		Building	Office Building	-

Appendix iv : Mobilized PMC Team Member and Input matrix as of **October 2019**

S.no	Experts Name and Position	Person Months						Remarks
		Contractual	Till Dec 2018	(Jan-Sept) 2019	Reporting period Sept 2019	Total including reporting period (till Sept)	Remaining	
1	Rabi Shah, TL PMME	60	11.31	8.91	1	21.22	38.78	
2	Rajendra Giri, DTL MGE	36	11.38	7.38	1	19.76	16.24	
3	Yagaya B. Malla, Road Er.	20	8.23	4.96	0.76	13.95	6.05	
4	Umesh B. Malla, SU Planner	12	2.81	2.65	0.06	5.51	6.48	
5	Mukunda N. Baidya, Drainage Er.	20	11.08	2.04	0	13.12	6.88	
6	Moti Lal Ghimire, GISE	6	1.77	0	0	1.77	4.23	
7	Amresh K Jha, ITE	18	0	0	0	0	10.04	1st Replacement on 01 Nov 18
	Sanu Manandhar, ITE		1.2	6.14	0.62	7.96		
8	Dhruba Singh Nepali, EME*	3	-	0	0	0	3	
9	Rajan Suwal, Structural Er.*	6	-	0	0	0	0	
	Suman N Rajbhandari Structural Er.*		-	0	0	0	0	1st replacement
	Binay C. Shrestha, Structural Er.*		-	0	0	0	6.0	2st Replacement
10	Hariom P. Srivastav, Procurement E	24	9.9	3.41	0.76	14.07	9.93	
11	Pitambar Rawal Chettri, MEE	20	4.07	2.29	1	7.36	12.64	
12	Madhusudan B Shrestha*	24	-	0	0	0	14.65	
	Hira Giri FME		2.05	0	0	2.05		1st replacement on 01 May-8 Jul 18
	Yaga Raj Pokharel FME		3.0	4.18	0.12	7.30		2nd replacement on 16 Sep 18
13	Prakash Panday, GESIE	30	10.25	3.6	0.87	14.72	15.28	
14	Rajan K Shrestha ESE*	30	-	0	0	0	20.79	
	Shiva Shanker Karki ESE		0.2	0	0	0.2		1st replacement on 8-14 May 18
	Bishwo Bhakta Kharel ESE		1.65	6.36	1	9.01		2nd Replacement on 18 Sep 18
15	Shiva Prasad Dhakal, SSE*	30	-	0	0	0	21.08	
	Chet Nath Dahal, SSE		6.77	1.97	0.18	8.92		1st replacement
16	Ashok Ratna Tuladhar SWME*	12	-	0	0	0	8.73	
	Ashok Shahi, SWME		2.13	1.14	0	3.27		1st Replacement on...
17	Mahdav Raj Ghimire, PPPE	2	2	0	0	2.0	0	VO-01
18	Prayag Lal Joshi, Municipal Er.	5.5		5.16	0	5.16	0.3	VO-02 (STUEIP work)
19	Satish Subedi, FMA	6.5		5.24	0	5.24	1.26	VO-02 (STUEIP work)
Total		365	89.8	65.43	7.37	162.6	202.4	

Note: * - Expert not mobilized till reporting period

Appendix v: Mobilized DSC (Biratnagar) Team Member and Input matrix, as of October 2019

S.no	Experts Name and Position	Person Months						Remarks
		Contractual	Till Dec 2018	(Jan-Sept) 2019	Reporting period (Oct 2019)	Total including reporting period (till Oct 2019)	Remaining	
1	Giresh Chand, Team Leader/Sewerage and Drainage Engineer	36	15.83	9.0	1.0	25.83	10.17	-
2	Chudamani Ghimire, DTL/Road Engineer	15	0.35	-	-	0.35	14.65	-
3	Ashok Ratna Tuladhar, Integrated Solid Waste Management Design Engineer	12	2.23	-	-	2.23	9.77	-
4	Lokendra Raj K.c, Geotechnical Engineer	2	0	0.22	-	0.22	1.78	-
5	Manohar Rajbhondary, Structural Engineer*	2	0	-	-	0	2.0	-
6	Ganesh Kumar Gautam, Procurement Expert/Contract Management Specialist	9	0.48	0.48	-	0.96	8.04	VO-01 added 3 PM
7	Construction Supervision & Utility Coordination Engineer x 3	73	18.36	17.92	2	38.28	34.72	VO-01 added 13 PM (1 no. engineer)
8	Anoop Shrestha Acharya, Finance/Economist*	3	-	-	-	0	3.0	-
9	Hare Krishna Mandal, Quantity Surveyor	18	14	4.0	0	18.0	0	VO-01 added 12 PM
10	Dwarika Phuyal, Environment Safeguard Expert	15	8.23	4.54	0.50	13.31	1.69	-
11	Prakash Bhakta Shrestha Social Safeguards/GESI/ Resettlement Expert	15	6.7	4.5	0.50	11.70	3.30	-
12	Yam Nath Dallakoti, Electrical Engineer*	2		-	-	0	2	-
13	Dhruba Bahadur Basnet, Mechanical Engineer*	2		-	-	0	2	-
14	Bhagwan Ratna kansakar, Sewage Treatment Specialist	1	0.23	-	-	0.23	0.77	VO-01 added 1 PM
Total		205	66.41	40.66	4.00	111.07	93.93	-

Note: * - Expert not mobilized till reporting period

Appendix vi : Mobilized DSC (Group B/P7 municipalities) Team Member and Input matrix as of October 2019

S. no	Experts Name and Position	Person Months						Remarks
		Contractual	Till Dec 2018	Jan-Sept 2019	Reporting period (Oct 2019)	Total including reporting period (till Oct 2019)	Remaining	
1	Indar Kumar Paudel TL/ Municipal Er.	60	15.77	9.0	0.78	25.55	34.45	
2	Bharat kaji Deoju, DTL/ Road and Drainage Er.	60	13.5	1.81	0.42	15.73	44.27	
3	Anand k. Batajoo DTL/ Road and Drainage Er.	60	12.85	8.75	1	22.6	37.4	
4	Bal Krishna Shrestha, UP	18	10.55	1.92	1	13.47	4.53	
5	Narayan Prasad Khanal, UP	12	12	0	0	12.0	0	
6	Sharad Ratna Shakya Urban Designer/ Architect	12	12	0	0	12.0	0	
7	Laxmi Nath Nepal Drainage Er.	18	12.69	5.31	0	18.0	0	
8	Sanjay Khadka, Drainage Er.	18	11.62	6.38	0	18.0	0	
9	Surya Bhakta Shrestha, WWM Er.	18	10.55	2.07	0	12.62	5.38	
10	Bhagawan Ratna Kansakar, WWM Er.	18	8.87	0	0	8.87	9.13	
11	Ashok Ratna Tuladhar SWM Er.	24	13.07	9.0	1.0	23.07	0.93	
12	Lokendra Raj K.c Geotechnical engineer*	3	1.36	0.52	0	1.88	1.12	
13	Manohar RajBhandary, Str. Er	24	7.85	1.0	0	13.35	10.65	
14	Ganesh Kumar Gautam, PME	36	4.64	8.25	1	13.89	22.11	
15	Narayan Prasad Dhakal R/C/U/Er.	36	0.5	0	0	0.5	35.5	
16	Ramesh Lal Shrestha R/C/U/Er.	36	0.5	-	-	0.5	35.5	
17	Narendra Man Pradhan, CS Er.*	36	-	-	-	0	36	
18	Anil Nepal, CS Er*	36	-	-	-	0	36	
19	Bhola Prasad Chaudhary, CS Er.*	36	-	-	-	0	36	
20	Raj Narayan Prasad Gupta, CS Er.*	36	-	1.76	1	2.76	33.24	
21	Anoop Shresthacharya Financial Analyst / Economist	6	0.2	0.38	0	0.58	5.42	
22	Mahesh Acharya Quantity Survey Expert	24	15.375	7.45	1	23.825	0.175	
23	Yogesh Shakya, ESE	36	4.54	0	-	4.54	29.46	1 st replacement
	Vinod Sharma, ESE		-	2.0	0	2.0		
24	Deepender Pokharel Social Safeguards / Resettlement Expert	36	10.88	8.68	1	20.56	15.44	
Total		699	179.315	78.79	8.2	266.3	432.7	

Note: * - Expert not mobilized till reporting period

Appendix vii : Mobilized CSC (Siddharthanagar) Team Member and Input matrix as of October 2019

S. no	Experts Name and Position	Person Months						Remaining	Remarks
		Contractual	Till Dec 2018	January-September 2019	Reporting period (Oct 2019)	Total including reporting period (till Oct 2019)			
1	GL Chaudhary, Team Leader/ Drainage Engineer	30.00	11.00	9.00	1.00	21.00	9.00	-	
2	AK Chaudhary, Drainage Design Er.	2.00	2.00	-	-	2.00	0	-	
3	RC Mandal, Road Cons. & Utility Coordination Engineer	3.00	2.00	1.00		3.00	0	-	
4	NP Shrestha, Electro-Mechanical Engineer/Electrical Engineer	2.00	1.00	0.50		1.50	0.50	-	
5	DL Pandey, Gender and Social Inclusion (GESI) Expert	3.00	3.00	-	-	3.00	0	-	
6	M. Maskey, Social Safeguard Expert	6.00	6.00	-	-	6.00	0	-	
7	R.K Shah, Environmental Safeguard Expert	6.00	5.50	0.50		6.00	0	-	
8	RC Chaudhary, Construction Supervision Engineer -1	30.00	10.70	9.00	1.00	20.70	9.30	-	
	DN Yadav, Construction Supervision Engineer -2	30.00	11.00	9.00	1.00	21.00	9.00		
9	RP Khadga, Procurement and Contract management specialist	2.00	1.00	0.50		1.50	0.50	-	
Total		114.00	53.20	29.50	3.00	85.70	28.30	-	

Appendix viii : Major Meetings and Site Visits, October 2019

Date	Events/Meetings	Objective/agenda discussed
03 Oct 19	Meeting at PCO participated by PD, DPDs, TL, DTL, ESE and GESI	Discussed on the voices to be raised in the wrap up meeting of ADB Loan Review mission,
03 Oct 19	Meeting at MOUD participated by Secretary, JS, PD, DPDs, TL, DTL and ADB mission team (PO, ITE, Consultant, PA, GESI, SSE & Mr. Rudi),	Discussed on progress, issues and way forward,
14 Oct 19	Meeting at PCO participated by PD, DPDs, TL, DTL, FME, DUDBC UPDC Section Chief	Discussed on the issues occurred due to misprocurement of services procured by UPDC and way forward to resolve it.
14 Oct 19	Meeting at DUDBC DDG Urban Division participated by DDG, PD, DPD, TL and DTL,	Discussed on the issues and way forward of UPDC procurement process under RUDP,
15 Oct 19	Meeting at PCO participated by PD, DPDs, PMC (TL, DTL) and IDC team (TL, Coordinator, ESE, CE, GESI, etc.) contractor	Discussed on project objectives, scopes and present issues and problems facing by PISUs & and P7 municipalities, and way forward to resolve them.
21 Oct 19	Meeting at MoUD participated by JS, Sections Chief, Law officer, Engineers and experts,	Discussed on Building Act 2055, Housing Ownership Act 2055, Building Policy, and Management of Squatters settlement polices to update and adopt by GoN,.
23 Oct 19	Meeting at PCO participated by PD, DPDs, TL & DTL	Discussed on the observations of PMC to the Draft Final AID Memoire sent by ADB NRM RUDP Loan Review Mission,
31 Oct 19	Opening Ceremony of World Habitat Day and World City Day participate by MoUD Minister, Secretary, JSs, DG, DDGs, PD, PM, Chief Un Habitat Nepal, TL and many other distinguished guests,	The program was organized by MoUD, DUDBC and UN Habitat Office Nepal.
17-19 Oct 19	Field visit at Nepalgunj/PIU by DTL,	Discussed and oriented on institutional, outstanding Loan Covenants and their requirements of RUDP for Nepalgunj.
17-19 Oct 19	Field visit by Monitoring Expert at Nepalgunj municipality/PIU	Discussed and oriented on the monitoring issues and outstanding loan covenants compliances.
17-19 Oct 19	Field visit by GESI expert at Nepalgunj municipality/PIU	Discussed and oriented on the GESI action plan, its issues and compliances.

Appendix ix: Status of Time Bound Agreed Action Plan as of **October 2019**

Table 1.1, Remaining actions agreed during joint ADB Inception mission dated 12 January to 02 February 2018

Table 1: Action Plan – General and Non-Province 7

Actions	Responsibility	Due date	Status.
1. Prepare city-specific project brochures with FAQ (Nepali language)	PCO/PIUs	1 March 2018	Achieved - Biratnagar and RUDP (PCO). Others - new target: Dec end 2019

Table 2: Action Plan – Bheemdatt Municipality

Actions	Responsible	Due date	Status
1. Organize monthly progress review meeting at Municipality and share minutes of meeting with PCO	R-PIU/PISU	Immediately/ Every month	17th meeting held and to be continued
2. Undertake pre-feasibility of land pooling schemes, including consultation minutes and share with RPIU	DSC, PISU and Municipality	12 Feb 2018	Delayed, Site yet to be finalized, New target: Dec end 2019
3. Review and provide comments on pre-feasibility of land pooling	PMC/PCO	26 Feb 2018	Delayed, 15 Dec 2019
4. Conduct stakeholder analysis and prepare consultation and communication plan for solid waste subproject	DSC/PISU	28 Feb 2018	Delayed, Site yet to be finalized: New target: Dec end 2019
5. Share the final pre-feasibility report on land pooling with Bheemdatt Municipality	RPIU and DSC	7 Mar 2018	Delayed, Site not finalized: Dec end 2019

Table 3: Action Plan – Dhangadhi Sub-Metropolitan City

Actions	Responsibility	Due date	Status
1. Organize monthly review meeting	Municipality	23 Feb 2018	16th monthly meeting held, To be continued
2. Update Combined IPP/resettlement plan of SWM	DSC	20 Feb 2018	Delayed, New target: 15 Dec 2019
3. Conduct stakeholder analysis and prepare communication and consultation plan for SWM	DSC	20 Feb 2018	Delayed, New target: 15 Dec 2019

Table 4: Action Plan – Shuklaphanta Municipality

Action Plan	Responsible	Due date	Status
1. Organize monthly progress review meeting at Municipality and share minutes of meeting with PCO	R-PIU/PISU	Immediately/ Every month	13 th meeting held and to be continued

Table 5: Action Plan – Godawari

Action Plan	Responsible	Due date	Status
1. Organize monthly progress review meeting at Municipality and share minutes of meeting with PCO	R-PIU/PISU	Immediately/ Every month	24rd meeting held and to be continued
2. Share with RPIU the pre-feasibility of land pooling schemes, including consultation minutes with Municipality	DSC, PISU and Municipality	28 Feb 2018	Delayed, New target: 30 Dec 2019
3. Review and provide comments on pre-feasibility of land pooling	PMC/PCO/RPIU	10 March 2018	Delayed, Site not finalized, New target: 15 Dec 2019
4. Share the final pre-feasibility report of LP with Godawari Municipality	RPIU and DSC	20 Mar 2018	Delayed, New target: 20 Dec 2019

Table 1.2, Status of time bound action plan agreed during joint ADB Loan mission dated 15 November to 10 December 2018

Table 1. Action Plan - Siddharthanagar Municipality			
Agreed Actions	Responsibility	Due Dates	Status
1. Complete budget recall process and release budget to Municipality	MOF/MOUD/ CO/PIU	7 Dec 2018	Achieved
2. Allow construction/ improvement of roads/drains/footpath within existing available roadway width.			On going
Issues related to Mrs. Bhawani Rijal (Himali Path)			
3. Initiate damage assessment of the building including the structural engineer from DUDBC. Submit assessment report including cost estimate of rehabilitation works and works schedule.	PIU/ Municipality	30 Nov 2018	Achieved
4. Initiate rehabilitation works.	PIU/ Municipality	15 Dec 2018	Delayed: Breach of agreement by Mrs. Rijal. New timeline- 15 Dec 2019
5. Assess business loss by independent third-party committee.	PIU/ Municipality	26 Nov 2018	Achieved
6. Provide compensation for the business loss.	PIU/ Municipality	15 Dec 2018	Delayed: Mrs. Rijal didn't accept. New timeline -15 Dec 2019

Table 2. Action Plan - Nepalgunj Sub- Metropolitan City			
Agreed Actions	Responsibility	Due Dates	Status
1. Mobilize CSC	PIU/ PCO	7 Dec 2018	Achieved
2. Submit resettlement plan	PIU / PCO	7 Dec 2018	Delayed: New timeline for updating – 30 Dec 2019
3. Allow construction/ improvement of roads/drains/footpath within existing available roadway width	PIU/Municipality	Continue	On going

Table 3. Action Plan - Birgunj Metropolitan City			
Agreed Actions	Responsibility	Due Dates	Status
1. Provide updated schedules for civil work packages	CSC/PIU	23 Nov 2018	Achieved
2. Provide monthly disbursement target for 2019 and beyond till contract period	CSC/PIU	7 Dec 2018	Achieved-2019, Delayed beyond 2019
3. Submit final Resettlement Plan	CSC/ PIU	28 Nov 2018	Achieved
4. Submit environmental DDR	CSC/PIU	21 Dec 2018	Achieved
5. Allow construction/ improvement of roads/drains/footpath within existing available roadway width	CSC/PIU	Continue	On going

Table 4. Action Plan – Biratnagar Metropolitan City			
Agreed Actions	Responsibility	Due Dates	Status
1. Provide updated schedules for civil work packages	DSC/PIU	24 Nov 2018	Achieved
2. Provide monthly disbursement target for 2019 and beyond till contract period	DSC/PIU	7 Dec 2018	Achieved-2019, Delayed beyond 2019
3. Submit final Resettlement Plan	DSC/ PIU	28 Nov 2018	Achieved for Public utilities of R/D work
4. Submit environmental DDR	DSC/PIU	21 Dec 2018	Achieved
5. Allow construction/ improvement of roads/drains/footpath within existing available roadway width or any subproject with significant involuntary resettlement impact will not be eligible for project financing	PCO/PIU/Municipality	Continued	On going

Table 5. Action Plan - Bheemdatt Municipality			
Agreed Actions	Responsibility	Due Dates	Status
Urban Planning			
1. Submit and discuss on draft final Urban Development Plan (UDP) with municipality.	DSC/RPIU	4 Dec 2018	Achieved
2. Conduct stakeholders' workshop to validate the UDP.	DSC/Municipality/RPIU	7Jan 2019	Achieved
3. Submit the UDP to PCO for finalization	RPIU	7Jan 2019	Delayed: New timeline 20 Dec 2019
4. Finalize feasible site for land pooling	DSC/Municipality	31 Dec 2018	Delayed: New timeline - 10 Dec 2019
Road and Drain (R& D)			
5. Present draft final Road and Drain design report to Municipality	DSC/RPIU	4Jan 2019	Achieved
6. Finalize the draft final report of R&D and submit to PCO for finalization		7Jan 2019	Achieved
7. Submit Resettlement Plan of R&D for approval	DSC/RPIU	1 March 2019	Achieved
8. Approve TOR of IEE	MOUD/PCO	31Dec 2018	Delayed: Final ToR at MOUD. New Timeline- 30 Nov 2019
9. Submit IEE of report to PCO	RPIU/DSC	3 rd week of Mar 2019	Delayed. New timeline 30 Dec 2019
ISWM			
10. Complete site survey and soil investigation of ISWM site	DSC/RPIU	15 Jan 2019	Delayed: Local opposition encountered for alternate site too. New Timeline- 20 Dec 2019
11. Submit draft final report of the ISWM to RPIU with municipality's assurance to reach consensus among the stakeholders regarding the proposed ISWM site by 30 Nov 2018	DSC/Municipality	28 Mar 2019	Delayed. Site not finalized. New timeline January end 2020
12. Submit IEE/EIA report to PCO	DSC/RPIU	15 Aug 2019	Delayed: New time line Feb end 2020
13. Submit DDR/RP to PCO	DSC/RPIU	28 Mar 2019	Delayed. New timeline: December end 2019

Table 6. Action Plan - Dhangadhi Sub-metropolitan city			
Agreed Actions	Responsibility	Due Dates	Status
Civil Works			
1. Decide the width of proposed road	Municipality/ RPIU	30 Nov 2018	Achieved
2. Finalize the R/D design and submit to RPIU/ PCO	DSC/ RPIU	31Dec 2018	Achieved
3. Publish IFB for civil work package	RPIU/ PCO	30 Jan 2019	Achieved
4. Submit updated Resettlement Plan to RPIU/ PCO	DSC/RPIU	21 Dec 2018	Achieved
Urban Planning			
5. Conduct validation workshop in Municipality on Urban Development Plan	DSC/RPIU/ Municipality	15 Dec 2018	Achieved
6. Submit Urban Development Plan	DSC/RPIU	31Dec 2018	Delayed, New timeline: 20 Nov 2019
ISWM			
7. Conduct stakeholder's analysis and communication with conceptual plan	DSC/RPIU/ Municipality	21 Dec 2018	Delayed. Still opposition. New timeline – Nov end 2019
8. Public hearing ward level	PMC/DSC/ RPIU/ Municipality	15 Dec 2018	Delayed, New timeline- Nov end 2019
9. Public hearing municipal level	PMC/DSC/ RPIU/ Municipality	30 Dec 2018	Delayed, New timeline- 20 Dec 2019
10. Prepare video animation and documentary	RPIU/PCO	28 Dec 2018	Achieved

Table 7. Action Plan - Shuklaphanta Municipality			
Agreed Actions	Responsibility	Due Dates	Status
Urban Planning			
1. Submit and discuss on draft final Urban Development Plan (UDP) with municipality	DSC/RPIU	1 Dec 2018	Achieved
2. Conduct stakeholders' workshop to validate the UDP	DSC/Municipality/RPIU	7 Jan 2019	Achieved
3. Submit the UDP to PCO for finalization	RPIU	15 Jan 2019	Delayed, New timeline: Nov end 2019
ISWM			
4. TOR for IEE approved	MOUD/PCO	15 Dec 2018	Achieved
5. Submit IEE to RPIU	DSC	5 March 2019	Achieved
6. Submit IEE to PCO	RPIU/DSC	31 Mar 2019	Achieved
7. Submit request for additional land required for ISWM and FSTP to municipality	DSC/RPIU	2 Dec 2018	Achieved
8. Submit draft final detail design report to RPIU	DSC	15 Jan 2019	Achieved
Road and drainage			
9. Submit final design report with draft bidding documents	DSC	15 Dec 2018	Achieved
10. Submit RP to PCO	RPIU/DSC	31 Jan 2019	Achieved
11. Publish IFB	RPIU	15 Jan 2019	Achieved
12. Approve TOR of IEE	MOUD/PCO	15 Dec 2018	Conducted REA against IEE.
13. Submit IEE to RPIU	DSC	28 Feb 2019	REA submitted.

Table 8. Action Plan - Godawari Municipality			
Agreed Actions	Responsibility	Due Dates	Status
Civil Works (Roads/ Drainage)			
1. Submit final design report with draft bidding documents	DSC/RPIU	15Dec 2018	Achieved
2. Submit RP to PCO	DSC/ RPIU	15Dec 2018	Achieved
3. Publish IFB for civil work package	RPIU/ PCO	15 Jan 2019	Achieved
Civil works (Municipal Building):			
4. Publish IFB	PCO/RPIU	15 Jan 2018	Achieved
Urban Planning			
5. Conduct validation workshop in Municipality on Urban Development Plan	DSC/RPIU/Municipality	31 Dec 2018	Achieved
6. Submit Urban Development Plan	DSC/RPIU	7 Jan 2018	Delayed, New timeline: Nov end 2019
ISWM			
7. Obtain Clearance for CFUG	Municipality/RPIU/DSC	31 Dec 2018	Achieved
8. Follow up for TOR approval of IEE approved	MOUD/PCO	31 Dec 2018	Achieved
9. Submit draft final IEE to PCO/RPIU	RPIU/DSC	28 Feb 2019	Achieved
10. Submit draft final detail design report to RPIU	DSC	28 Feb 2019	Achieved
11. IFB publication	RPIU	1 April 2019	Delayed. New timeline – 30 Dec 2019

Appendix x : Mobilized CSC (Nepalgunj) Team Member and Input matrix as of October 2019

S.no.	Experts Name and Position	Contr actual	As of Dec 2018	Jan-sept 2019	Reporting period October 2019)	Total including reporting period (Till October 2019)	Remain ing, mm	Remarks
1	Ganesh Roka TL/Drainage Engineer or expert	30.0	1.0	9.0	1.0	11.0	23.0	
2	R.C Mandal Road Construction and Utility Coordination Specialist	5.0	-	2.0	0.5	2.5	2.5	
3	N.P Shrestha Electrical- Mechanical Engineer**	2.0	-	2.0	-	2.0	0	Till Sept there was no input
4	D.L Pandey Gender and Social Inclusion Expert (GESI)	3.0	-	0.5	1	1.5	1.5	
5	M. Maskey Social Safeguard Expert	6.0	-	9.0	1.0	10.0	-4	
6	S.P. Adhikari Environment Safeguard Expert	6.0	-	1.0	1.0	2.0	4.0	
7	Dikendra Katwal Construction Supervision Engineer	30.0	1.0	9.0	1.0	11.0	19.0	
	B.P. Singh Construction Supervision Engineer	30	1.0	9.0	1.0	11.0	19.0	
8	R.P Khadga Procurement and Contract Management Expert*	2.0	-	0	-	-	2.0	
	Total	114.0	3.0	41.5	6.5	51.0	63.0	

Note: * - Experts not mobilized yet

** - Updated as per CSC/PIUs information

Appendix xi : Summary Mobilized Contractors Personnel at sites as of October 2019

S.n	Designation	Contract package and mobilized personnel in no's							
		RUDP/ICB/ BRT/2		RUDP/ICB/ NEG/3		RUDP/ICB/SN/4		RUDP/ICB/BRJ/1	
		Required	available	Required	available	Required	available	Required	available
1	Project Manager	1	1	1	1	1	1	1	1
2	Civil/Supervision Engineers	2	2	0	2	1	1	2	2
3	Sanitary /Drain Engineer	1	0	0	0	1	1	1	1
4	Road Engineer	1	1	0	1	1	1	1	1
5	Electro-mechanical Engineer	1	0	0	0	1	1	1	1
Total		6	4	1	4	5	5	6	6

Appendix xii : Status of Contractor's Equipment Mobilization as of October 2019

S. no	Equipment Type	Unit	Biratnagar		Siddharthanaga		Nepalgunj		Birgunj	
			Requir	Mob	Requir	Mob	Requir	Mob	Requir	Mob
1	Excavator	nos	5	2	3	3	-	5		10
2	Crane (10 ton)	nos	3	-	1	1	-	-		-
3	Asphalt Plant	set	1	1	1	1	-	1		2
4	Asphalt Pavers	ns	1	1	1	1	-	1		2
5	Vibrating Roller	no's	2	4	2	2	-	2		4
6	Pneumatic Roller (min 8 ton)	nos	2	1	2	1	-	1		-
7	Smooth Wheeled Roller (min 8 ton)	nos	1	1	1	1	-	1		-
8	Grader	nos	1	2	1	1	-	2		2
9	Truck Dozer (min 120 HP)	nos	1	-	2	2	-	1		1
10	Bitumen Distributer (4 to 6 Kilo lit.)	nos	1	1	1	1	-	1		1
11	Water Browser (min 4000 lit.)	nos	3	6	3	3	-	4		5
12	Chips Spreader	nos	1	-	-	-	-	-		-
13	Bitumen Decanter (min 4000 lit.) with preheating container	nos	2	2	-	-	-	-		-
14	Air Compressor	nos	2	2	2	2	-	1		-
15	Tipper Trucks	nos	5	5	8	8	-	15		60
16	Service Vehicle	nos	15	25	2	2	-	8		8
17	Survey Equipment (Total Station with Accessories)	nos	2	5	-	-	-	-		-
18	Theodolites	nos	1	1	2	-	-	-		-
19	Level Machine	nos	2		5	-	-	-		-
20	Mobile Generator	nos	5	10	1	-	-	2		
21	Concrete Mixer Machine	nos	3	9	6	5	-	7		4
22	Concrete Batching Plant	nos	1	-	1	1	-			-
23	Concrete Pump	nos	1	-	-	-	-	-		-
24	Drain Cleaner	nos	2	-	-	-	-	-		-

Appendix xiii : Key Information of Mobilized Contractors as of **October 2019**

Description of features	Contractors name and detail features				
	ZHONGHENG Construction Group International Engineering Co. Ltd, Beijing, China	Kalika ZTSJ JV, Baluwatar, Kathmandu	China Guangzhou and Sharma Co. (P) Ltd JV Sitapaila Kathmandu	ZTSJ Kalika JV, Baluwatar, Kathmandu	
Contract Name	Construction & Completion of Sewerage, Drainage, Road Footpath & Road Furniture	Construction of Road Drainage Footpath and Road Furniture	Construction of Road, Drainage, Footpath and Road Furniture	Construction of Birgunj Drainage, Road, Footpath, Road furniture, By-pass road and Bus Bays	
Employer	Biratnagar Metropolitan City	Nepalgunj Sub Metropolitan City	Siddharthanagar Municipality	Birgunj Metropolitan City	
Contract no.	RUDP/ICB/BRT/2	RUDP/ICB/NEG/3	RUDP /ICB /SN /4	RUDP/ICB/BRJ-01	
Date of Contract Agreement	10-Oct-17	28-Feb-18	5-Jul-17 15 Feb 2019**	13-Jun-18	
Date of Commencement	2-Nov-17	1-Mar-18	23-Jul-17	09-Dec-18	
Proposed Completion Date	1-Nov-2019 (24 months)	16-Aug-2020 (29.5 months)	21-Dec-2019 (29.5 months)	08-Dec-2020 (24 months after commencement)	
Contract Amount with VAT	NRs. 2,611,092,249.63	NRs. 1,635,298,106.35	NRs. 2,165,399,624.62 NRs. 2,366,076,127.28**	NRs. 2,349,266,305.13	
Time elapsed, % (month)	100.00% (24)	67.80% (20)	94.92% (28)	45.83% (11)	
Contact Adders	Tel	86-10-84898971	01-439152/153/154	01-4674001/4	01-4439152/53/ 54
	Fax	86-10-84898971	01-4439155	977-01-4670683	01-4439155
	e-mail	zhic@hotmail.com	info@kalikagroup.com	sharmaco@ntc.net.np	info@kalikagroup.com
Engineers Estimate with VAT	NRs. 2,656,409,022.00	NRs. 1,711,113,327.96	NRs. 2,38,26,43,829.49	NRs. 2,821,935,494.45	
Paid Amount	Adv.	NRs. 339,105,000.00	NRs. 211,896,000.00	NRs. 203,187,729.50	NRs. 192,200,868.00
	IPCs	NRs. 1,717,622,426.46	NRs. 1,469,158,010.37	NRs. 2,203,445,396.66	NRs. 757,915,405.65
Progress	Physical	79.64% (1.14%)*	98.997% (0%)*	99.00% (1.00%)*	40.00% (2.04%)*
	Fin	78.81% (3.45%)*	102.8% (1.39%)*	101.71% (4.46%)*	40.44% (3.51%)*

Note: * - Figure in brackets represents progress in reporting period.

** - VO-01

Appendix xiv: Summary of overall Implementation status of RUDP as of October 2019

S.no	Work Description	Unit	Total planned	Biratnagar		Siddharthanagar		Nepalgunj		Birgunj		Bheemdutt		Dhangadhi		Godawari		Shuklaphanta		Total Progress, %	
				Quantity	Progress	Quantity	Progress	Quantity	Progress	Quantity	Progress	Quantity	Progress	Quantity	Progress	Quantity	Progress	Quantity	Progress		
1	Construction of Sewer lines	km	20.08	20.082	17,818	N/A														88.73	
	House connection	No	7500.0	3784.0	1471	N/A														19.61	
2	Construction of Storm Water Drainage	km	200.00	0.65289	0.585	6.11	6.11	3.39	4.20	21.39	9.65	20.63	IFB		TBER in ADB		TBER in ADB		TBER in ADB	10.27	
3	Construction or rehabilitation of Urban Roads	km	240.00	73.086	39.78	25.44	23.7	36.53	33.61	21.39	1.01	14.01	IFB	10.25	TBER in ADB	16.53	TBER in ADB	4.77	TBER in ADB	40.87	
4	Construction of Roadside Drain	km		26.05	29.83	44.0	41.00	43.05	38.96	21.39	3.36		IFB		TBER in ADB		TBER in ADB		TBER in ADB		
5	Construction of Footpath	km	40.00	26.50	17.7	7.75	7.55	36.56	0.00	30.12	0.0		IFB		TBER in ADB		TBER in ADB		TBER in ADB	63.12	
6	Installation of Solar Street Lighting	km	12.14	1.00	0.00	29.00	0.00	0.00	0.00	11.14	0.0		IFB		TBER in ADB		TBER in ADB		TBER in ADB	0.00	
7	Rehabilitation of Water supply pipe line	km		N/A		50.76	44.631	53.23	29.00	0.279	0.0		IFB		TBER in ADB		TBER in ADB		TBER in ADB		
8	Construction of School Building	nos	1.00	N/A		N/A			1		NA										0.00
9	Detailed Design, Cost estimate and Bid Documents preparation, ISWM and WWTP sites	Pac	5.00	√	0.00	N/A					√	site yet to finalize	√	Topo survey done	√	DEDR Finalized	√	DEDR Finalized		DEDR of Godawari & Shuklaphanta ISWM finalized and DEDR of WWTP of Godawari & Shuklaphanta under review	
10	Development of ISWM Facility at P7 municipalities, 4 nos	Pac	4.00	N/A					1		1		1		1		1	0.00	0.00		
11	Construction of Municipal office Buildings at Godawari & Shuklaphanta, 2nos	Pac	1.00	N/A										1	LOI published	1	LOI published	0.00			
12	Development of WWTP	hh	7,400.0	N/A					2,000.0	0.0	3,000.0	0.0	2,000.0	Draft DEDR	400.0	Draft DEDR					
13	Implementation of PPBSEDP for P7 project municipalities	mun	4.00	N/A					1 st & 2 nd Year implemented										40.00		
14	Land Acquisition/purchase	mun	2.00	N/A					1.00	√	1.00	√	1.00	√	N/A		(a) Dhangadhi-Price determined, (b) Godawari - Purchased				
15	Preparation of Digital Base Map	mun	4.00	N/A					1.00	√	1.00	√	1.00	√	1.00	√	100.00				
16	Preparation of Urban Development Plan	mun	4.00	N/A					1.00	√	1.00	√	1.00	√	1.00	√	Draft reviewed				
17	Preparation of Master Plan of Urban road Network	mun	4.00	N/A					1.00	0.0	1.00	√	1.00	√	1.00	√	Final report under review				

18	Preparation of Master Plan of Storm water drainage network	mun	4.00	N/A								1.00	0.0	1.00	√	1.00	√	1.00	√	Final report under review
19	Preparation of Preefeasibility study of Land Pooling Schemes	Sche mes	4.00	N/A								1.00	Site to finalize	1.00	Pre-FS done	1.00	Site to finalize	1.00	Pre FS done	Dhangadhi & Shuklaphanta reviewed completed
20	Preparation of Detailed Design, cost estimate and Bid documents of buildings, road/drainages	Packa ge	5.00	N/A								1.00	0.0	1.00	0.0	1.00	√	1.00	√	
21	GIS system operational with house numbering in all project municipalities	hh	TBD	80%	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	0.00
22	Introduce Computerized property tax system encoded in all project municipalities	Prope rty	TBD	70%	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	0.00
23	Preparation of O&M plans	mun	8.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	√	0.00	0.00
24	Cumulative Physical Progress, till date			79.64%		99.00%		98.997%		40.00%		0.00%		0.00%		0.00%		0.00%		35.82%
25	Physical Progress as of September 2019			78.5%		98.00%		98.997%		37.96%		0.00%		0.00%		0.00%		0.00%		35.08%
26	Physical Progress of this month			1.14%		1.00%		0.0%		2.04%		0.00%		0.00%		0.00%		0.00%		0.74%
27	Slippage/Lead till date			-20.27%		1.00%		0.215%		-1.17%		0.00%		0.00%		0.00%		0.00%		
28	Contract Time elapsed till date, month or %			24 months OR 100.00%		28 months or 94.92%		20 months or 67.80%		11 months or 45.83%		N/A		N/A		N/A		N/A		23 months or 38.33%
29	Cumulative Financial Progress till date			78.81%		101.71%		102.8%		40.44%		0.0%		0.0%		0.0%		0.0%		34.81%
30	Financial Progress as of September 2019			75.36%		97.25%		101.41%		36.93%		0.0%		0.0%		0.0%		0.0%		33.37%
31	Financial Progress of this month			3.45%		4.46%		1.39%		3.51%		0.0%		0.0%		0.0%		0.0%		1.44%

Appendix xv : Detailed Disbursement of Expenditure of RUDP as of October 2019

S. no	Description of Project Offices	As of 30 December 2017	January to Dec 2018	January-September 2019	October 2019	As of October 2019
A Project Coordination Office (PCO)						
1	Project Management Consultant (PMC)	0	58,815,929.00	15,505,877.00	1,474,182.00	75,795,988.00
2	Design Supervision Consultant (DSC), Group B (P7) municipalities	47,100,749.00	16,921,272.00	33,355,045.00		97,377,066.00
3	Institutional Development Consultants (IDC), P7 municipalities	0	-		-	-
4	Vehicles & Equipment	992,027.00	68,324,352.00	261,369.00		69,577,748.00
5	Incremental Administration Costs	5,341,517.00	5,878,154.60	8,263,204.60	1,912,197.00	21,395,073.20
	Total PCO	53,434,293.00	149,939,707.60	57,385,495.60	3,386,379.00	264,145,875.20
B Biratnagar Metropolitan City						
1	Sewerage, Road, Storm water, footpath and street furniture	339,105,000.00	880,364,844.83	748,213,233.88	90,044,347.75	2,057,727,426.46
2	Design Supervision Consultant (DSC), Biratnagar	16,202,000.00	25,759,221.76	18,058,206.27	3,456,816.96	63,476,244.99
3	Incremental Administration Costs (PIU)	650,147.50	9,500,641.04	7,232,293.40	2,628,867.00	20,011,948.94
	Total Biratnagar	355,957,147.50	915,624,707.63	773,503,733.55	96,130,031.71	2,141,215,620.39
C Birgunj Metropolitan City						
1	Road improvement, by-pass road and bus bays	0	192,200,868.00	675,439,425.69	82,475,979.96	950,116,273.65
2	Construction Supervision Consultant (CSC), Birgunj	0	-	20,696,972.49	1,915,508.00	22,612,480.49
3	Incremental Administration Costs (PIU)	0	2,935,670.90	5,438,545.96	593,380.99	8,967,597.85
	Total Birgunj	0.00	195,136,538.90	701,574,944.14	84,984,868.95	981,696,351.99
D Siddharthanagar Municipality						
1	Road side drainage, footpath and road furniture	374,966,993.26	986,332,428.52	939,677,640.18	105,656,064.20	2,406,633,126.16
2	Vehicles and Equipment's		142,655.24			142,655.24
3	Construction Supervision Consultant (CSC), Siddharthanagar	0	12,734,905.00	12,467,544.97	4,831,247.20	30,033,697.17
4	Incremental Administration Costs (PIU)	298,891.00	6,309,464.44	4,318,938.51	641,518.14	11,568,812.09
	Total Siddharthanagar	375,265,884.26	1,005,519,453.20	956,464,123.66	111,128,829.54	2,448,378,290.66
E Nepalgunj Sub Metropolitan City						
1	Road, Road side drainage, footpath and road furniture	0	1,236,824,535.40	421,551,996.97	22677478	1,681,054,010.37
2	Construction Supervision Consultant (CSC), Nepalgunj	0	7,001,000.00	8,338,536.00	3,719,100.00	19,058,636.00
3	Incremental Administration Costs (PIU)	442,853.40	3,074,152.20	3,167,044.20	345,950.00	7,029,999.80
	Total Nepalgunj	442,853.40	1,246,899,687.60	433,057,577.17	26,742,528.00	1,707,142,646.17
F Regional Project Implementation Unit Dhangadhi						
1	Shopping	0	1,220,508.00	1,214,137.00		2,434,645.00
2	Land acquisition	0	-	-		-
3	Incremental Administration Costs	0	2,672,897.00	5,548,292.00	513,036.00	8,734,225.00
	Total RPIU	0.00	3,893,405.00	6,762,429.00	513,036.00	11,168,870.00

G	Bheemdatt Municipality					
1	Road, drainage, footpath and road furniture	0	-	-	-	-
2	Integrated Solid Waste Management	0	-	-	-	-
3	Waste Water Treatment Plant	0	-	-	-	-
4	Capital Conditional Grants (Furniture, Fixtures, Equipments)	0	1,692,636.00	-	-	1,692,636.00
5	Incremental Administration Costs (PIU)	0	117,982.00	2,084,976.00	-	2,202,958.00
6	PBSEDP	0	5,049,965.17	29,576,075.05	-	34,626,040.22
	Total Bheemdatt	0.00	6,860,583.17	31,661,051.05	0.00	38,521,634.22
H	Dhangadhi Sub Municipality City					
1	Road, Drainage, Footpath and road furniture	0	-	-	-	-
2	Integrated Solid Waste Management	0	-	-	-	-
3	Waste Water Treatment Plant	0	-	-	-	-
4	Capital Conditional Grants (Furniture, Fixtures, Equipment)	0	1,809,870.00	-	-	1,809,870.00
5	Incremental Administration Costs (PIU)	0	225,696.00	2,190,291.65	-	2,415,987.65
6	PBSEDP	0	3,886,389.00	49,648,780.00	-	53,535,169.00
	Total Dhangadhi	0.00	5,921,955.00	51,839,071.65	0.00	57,761,026.65
I	Godawari Municipality					
1	Road, drainage, footpath and road furniture	0	-	-	-	-
2	Integrated Solid Waste Management	0	-	-	-	-
3	Waste Water Treatment Plant	0	-	-	-	-
4	Capital Conditional Grants (Furniture, Fixtures, Equipment)	0	1,260,795.00	-	-	1,260,795.00
5	Incremental Administration Costs (PIU)	0	241,959.00	1,286,208.00	-	1,528,167.00
6	Land Acquisition	0	52,500,000.00	-	-	52,500,000.00
7	PBSEDP	0	3,373,469.50	29,225,406.00	-	32,598,875.50
	Total Godawari	0.00	57,376,223.50	30,511,614.00	0.00	87,887,837.50
J	Shuklaphanta Municipality					
1	Road, drainage, footpath and road furniture	0	-	-	-	-
2	Integrated Solid Waste Management	0	-	-	-	-
3	Waste Water Treatment Plant	0	-	-	-	-
4	Municipal Building					-
5	Capital Conditional Grants (Furniture, Fixtures, Equipments)	0	1,316,348.00	-	-	1,316,348.00
6	Incremental Administration Costs (PIU)	0	156,370.00	2,284,971.12	-	2,441,341.12
7	PBSEDP	0	4,078,337.00	16,959,192.79	-	21,037,529.79
	Total Shuklaphanta	0.00	5,551,055.00	19,244,163.91	0.00	24,795,218.91
	Grand Total	785,100,178.16	3,592,723,316.60	3,062,004,203.73	322,885,673.20	7,762,713,371.69

Appendix xvi : Status of Withdrawal Application as of October 2019

WPA	Date	Units	Claimed Amount	Reimbursed Amount	Due Amount	Cancelled Amount by ADB
1	12 December 2017 (Initial advance)	US \$	15,000,000.00	15,000,000.00	-	
2	13 December 2017	NPR	386,489,224.73	381,498,517.04	-	4,990,707.19
2(A)	12 April 2018	NPR	5,000,707.69	5,000,707.69		
3	15 March 2017	NPR	118,362,641.64	118,362,641.64	-	
4	16 March 2018	NPR	100,297,440.00	100,297,440	-	
5	12 April 2018	NPR	117,443,015.87	117,443,015.87	-	
6	13 April 2018	NPR	185,395,682.06	185,395,682.06	-	
7	16 April 2018	NPR	71,882,303.84	60,865,554.84	-	11,016,749.00
8	17 April 2018	NPR	50,659,506.25	50,659,506.25	-	
9	29 June 2018	NPR	191,229,838.92	191,229,838.92	-	
10	3 July 2018	NPR	286,743,315.01	286,743,315.01	-	
11	6 July 2018	NPR	22,777,825.15	21,704,923.05	-	1,072,902.12
12	24 August 2018	NPR	712,406,806.65	712,406,806.65	-	
13	30 August 2018	NPR	233,619,434.86	233,619,434.86	-	
14	19 December 2018	US\$	183,255.85	183,255.83	0.02	
15	19 December 2018	NPR	527,426,693.35	527,426,693.35	-	
16	27 February 2019	US\$	4,815,880.78	4,815,880.78	-	
17	20 May 2019	US\$	2,764,414.92	2,764,414.92	-	
18	30 Aug 2019	US\$	3,907,080.65	3,907,080.65	-	
19	02 Sept 2019	US\$	6,068,407.61	6,068,407.61	-	
Total		US \$	32,739,039.81	32,739,039.79	0.02	-
		NPR	3,009,734,435.54	3,026,814,793.85	-	17,080,358.31
Grand Total		NPR	6,547,316,700.81	6,530,236,342.50	2.14	17,080,358.31
Grand total		US\$	59,814,786.28	59,814,786.26	0.02	159,331.70*

Note: * - For approximation only, US\$ 1.0 = NRs. 107.2 for due and cancelled amount

Appendix xvii : Mobilized CSC (Birgunj) Team Member and Input matrix as of October 2019

S.N	Experts Name and Position	Contractual	As of December 2018	(Jan-Sept) 2019	Reporting period: October 2019	Total including reporting period (Till October 2019)**	Remaining, mm	Remarks
1	Ram Chandra Sah TL/Drainage Engineer or expert	30	1.1	4.81	1.00	6.91	23.09	
2	Chudamani Ghimire Road Construction and Utility Coordination Specialist	15.0	1.0	3.5	0.0	4.50	10.5	
3	Yam Nath Dallakoti Electrical-Mechanical Engineer*	3.0	-	-	-	-	3.0	
4	Prakash Bhakta Shrestha Gender and Social Inclusion Expert (GESI)	5.0	-	2.53	0.38	2.91	2.09	
5	Deependra Pokharel Social Safeguard Expert	5.0	-	0.76	0.30	1.06	3.94	
6	Surya Man Shakya Environment Safeguard Expert	5.0	0.38	2.16	0.0	2.54	2.46	
7	Chandeshwar Mahato Construction Supervision Engineer	30.0	1.35	10.0	0	11.35	18.65	
8	Kamal Narayan Sardar Construction Supervision Engineer	30.0	-	10.0	1.0	11.00	19.0	
9	Laxman Acharya Asset Management Expert	3.0	1.35	2.05	0.0	3.40	-0.40	Input exceeds than contract
10	Mr. Ajeet Kumar Chaudhary	5.0		0.1	1.0	1.1	3.90	Added for STIUEIP and RUDP
11	Construction Management Expert, TBN	1.0		0	0.00	0.00	1.00	
12	Rameshkaji Tuladhar, SWM	3.0		0	0.50	0.50	2.50	
13	Khem Dallakoti, Procu/Contract Management Expert	1.0		0	0.00	0.00	1.00	
14	Mechanical Engineer, TBN*	1.0		0	0.00	0.00	1.00	
	Total	137.0	5.18	35.53	4.18	44.89	91.73	

Note: * - expert not mobilized till reporting period

** -Updated as per PIUs Information

Appendix xviii: GESI related disaggregated Data

Table A: Conducted Training/ Orientation Activities (P7 municipalities)

District	Municipality	Training/Orientation	Date	Dalits				Janajatis						Brahmin/Chhetri				Other Backward Class groups		Muslims		Others		Total		Grand total
				Hill		Madhesi		Others		Newars		Hill		Madhesi		F	M	F	M	F	M	F	M	F	M	
				F	M	F	M	F	M	F	M	F	M	F	M											
				F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	
Kailali	Dhangadhi	Earthquake resilience building construction training to mason	075/03/26 to 32							7	27				1								7	28	35	
Kailali	Dhangadhi	1 day Orientation on Earthquake resilience building construction to mason	075/03/22							4	35										1		4	36	40	
Kailali	Dhangadhi	1 day Orientation on Earthquake resilience building construction criteria to local community	075/03/23																				6	44	50	
Kailali	Dhangadhi	Orientation on GESI	075/03/29	17						24													44	0	44	
Total of FY 2074/075 (Dhangadhi)				17	1	0	0	0	0	38	66	0	0	6	40	0	0	0	0	0	1	0	0	61	108	169
FY 2074/075 Combined %				10.1	0.6	0	0	0	0	22.5	39.1	0	0	3.6	23.7	0	0	0	0	0	0.6	0	0	36.1	63.9	100
Caste/ethnicity wise Total of Dhangadhi municipality				18 (10.7%)				104 (61.5%)				0		46 (27.2%)				0		1 (0.6%)		0		169		
Kanchanpur	Bheemdutt	Workshop on 3R activities	6/7/2018										18	20									2	18	22	40
Kanchanpur	Bheemdutt	GESI Training	01-07-2018	7	1								10	3							0	14	17	18	35	
Kanchanpur	Bheemdutt	GESI Training	03-07-2018	1	2					3				6	11								18	19	37	
Kanchanpur	Bheemdutt	ISWM Site Exposure Visit in Dhankuta, Pokhara,	09-07-2018		2					2				8	15								5	8	24	32
Kanchanpur	Bheemdutt	ISWM Site Exposure Visit in Nepalgunj	01-11-2018											3	28						1	3	4	31	35	

Table B: Conducted progress review meeting (P7 municipalities)

Municipality	Training/Orientation/progress review	Date	Dalits				Janajatis						Brahmin/Chhetri				Other Backward Class groups		Muslims		Others		Total		Grand Total		
			Hill		Madhesi		Others		Newars		Hill		Madhesi		Hill		Madhesi		F	M	F	M	F	M		F	M
			F	M	F	M	F	M	F	M	F	M	F	M	F	M											
			F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M
Dhangadhi	Progress review meeting	2074/7/8		1					1		1	1	1	4	26										5	30	35
Dhangadhi	Progress review meeting	2074/12/28		1								2		10											0	13	13
RPIU office	Progress review meeting	2075/05/6								1		1	1	7											1	9	10
Godawari	Progress review meeting	2075/05/8										1	1	12											1	13	14
Dhangadhi	Progress review meeting	2075/05/8		1						1		1		7											1	13	14
Suklaphanta	Progress review meeting	2075/05/7										1	2	11											0	10	10
Suklaphanta	Progress review meeting	2075/05/7										1	2	11											2	12	14
Bheemdutt	MCC meeting	2075/01/3	2	3																					2	3	5
Bheemdutt	MCC meeting	2075/09/18		3								1	2	14											2	18	20
Bheemdutt	Meeting on 1st phase project implementation	2076/01/17										2	1	11											1	13	14
RPIU office	Progress review meeting	2075/01/21	1	12																					1	12	13
Bheemdutt	MCC meeting	2075/03/24	2	3																					2	3	5
RPIU office	Progress review meeting	2075/01/21	1	12																					1	12	13
Grand Total of all P7 municipalities			6	36	0	0	0	1	0	3	1	11	13	109	0	0	0	0	0	0	0	0	0	0	20	160	180
%			3.3	20.0	0	0	0	0.6	0	1.7	0.6	6.1	7.2	60.6	0	0	0	0	0	0	0	0	0	0	11.1	88.9	100

Table C: Consultation and identification meeting participants in priority needs of women, poor, socially excluded groups (P7 municipalities)

Municipality	Consultation and identification Meeting Date	Consultation and identification meeting participants of women, poor, and socially excluded groups in priority needs(disaggregated by Gender, Caste and Ethnicity)																								Grand Total
		Dalits				Janajatis						Brahmin/Chhetri				Other Backward Class groups		Muslims		Others		Total				
		Hill		Madhesi		Others		Newars		Hill		Madhesi		F	M	F	M	F	M	F	M	F	M	F	M	
		F	M	F	M	F	M	F	M	F	M	F	M													
Bheemdutt	7/18/2075	0	2	0	0	0	3	0	0	0	3	4	36											4	44	48
Bheemdutt	7/18/2075								1		1	10	37											10	39	49
Sub total (Bheemdutt)		0	2	0	0	0	3	0	1	0	4	14	73	0	0	0	0	0	0	0	0	0	0	14	83	97
% Bheemdutt		0.0	2.1	0.0	0.0	0.0	3.1	0.0	1.0	0.0	4.1	14.4	75.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	85.6	100
Dhangadhi	5/13/2075		1		1				6				9											0	17	17
Dhangadhi	7/13/2075		1						1		1	1	12											1	15	16
Dhangadhi	11/15/2075		1						1		3	1	9											1	14	15
Sub total (Dhangadhi)		0	3	0	1	0	0	0	8	0	4	2	30	0	0	0	0	0	0	0	0	0	0	2	46	48
% Dhangadhi		0.0	6.3	0	2.1	0	0	0	16.7	0	8.3	4.2	62.5	0	0	0	0	0	0	0	0	0	0	4.2	95.8	100
Godawari	6/17/2075										1	2	11											2	12	14
Godawari	7/12/2075										1	2	16											2	17	19
Sub total (Godawari)		0	0	0	0	0	0	0	0	0	2	4	27	0	0	0	0	0	0	0	0	0	0	4	29	33
% Godawari		0	0	0	0	0	0	0	0	0	6.1	12.1	81.8	0	0	0	0	0	0	0	0	0	0	12.1	87.9	100
Suklaphanta	6/18/2075										1		10											0	11	11
Suklaphanta	10/16/2075	3	3								1	5	35											8	39	47
Sub total (Suklaphanta)		3	3	0	0	0	0	0	0	0	2	5	45	0	0	0	0	0	0	0	0	0	0	8	50	58
% suklaphanta		5.2	5.2	0	0	0	0	0	0	0	3.4	8.6	77.6	0	0	0	0	0	0	0	0	0	0	13.8	86.2	100
Grand Total		3	8	0	1	0	3	0	9	0	12	25	175	0	0	0	0	0	0	0	0	0	0	28	208	236
%		1.3	3.4		0.4	0	1.3		3.8	0	5.1	10.6	74.2			0	0.0	0	0.0	0	0.0	0	0.0	11.9	88.1	100

Table E: Project orientation workshop for contractors (Non P7)

S.No	District	Municipality	Orientation venue	Event Date	Participants i.e. Management, Laborers, Field supervisors	Total Orientation participants		Grand Total
						F	M	
1	Parsa	Birgunj M City	Gandak labor camp	43448	Engineer, Sub engineer, Supervisor, Accountant, labors from Contractor and Sub engineer from DSC	2	22	24
2	Parsa	Birgunj M City	Canal road labor camp	43560	Engineer, Sub engineer, Supervisor, Accountant, labors from Contractor and Sub engineer from DSC	2	27	29
sub-total						4	49	53
%						7.5	92.5	100.0
1	Morang	Biratnagar	Madhumara Yard	8-Mar-18	Engineer, sub-engineer, supervisor, Store keeper, Accountant	2	29	31
2	Morang	Biratnagar	DSC office	14-May-18	Engineer, sub-engineer, supervisor, Store keeper, Accountant	2	33	35
3	Morang	Biratnagar	DSC office	14-Mar-19	Engineer, sub-engineer, supervisor, Store keeper, Accountant	2	36	38
sub-total						4	69	73
%						5.5	94.5	100
Grand total						31	452	483
%						6.4	93.6	100

Table F: Orientation for local community groups targeting women, poor, socially excluded and vulnerable population participation (Non P7)

District	Municipality and Ward No.	Orientation venue	Date	Orientation and Consultation participants Composition disaggregated by Gender, Caste and Ethnicity																				Grand Total			
				Dalits				Janajatis				Brahmin/Chhetri				Other Backward Class groups		Muslims		Others		Total					
				Hill		Madhesi		Others		Newars		Hill		Madhesi		Hill		Madhesi		F	M	F	M		F	M	
				F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	
Parsa	Birgunj-13	Tejarath tole	Feb.26, 2019			3	2			2	4	8			2	4	5	12				3			14	31	45
Parsa	Birgunj-13/14	Thulo Pipra	Mar.6, 2019			2	2			2	4	11			2	8	4	13				4			12	40	52
Parsa	Birgunj-14	Pipra mode link	4/29/2019			1	1			8	5	11			2	3	5	11				9			13	43	56
Parsa	Birgunj-13	Radhemai road	4/24/2019			1	3	1		2	4	7			1	3	6	13				9			13	37	50
Parsa	Birgunj-15	Canal road	6/25/2019			2		2	3	6	2	7			3	6	4	10				9			12	42	54
sub-total				0	2	7	10	4	20	19	44	0	0	10	24	24	59	0	0	0	34	0	0	0	64	193	257
%				0	0.8	2.7	3.9	1.6	7.8	7.4	17.1	0	0	3.9	9.3	9.3	23.0	0	0	0	13.2	0	0	0	24.9	75.1	100
Morang	Biratnagar-8	Madhumara	10/25/2019	3	2			4	7	1	6			2	5	9	11								13	37	50
Morang	Biratnagar-10	Pragati marga	11/13/2019	1	3			2	4	1	9			1	3	10	1	9				3			8	39	47
Morang	Biratnagar-10	Siddharth tole	10/29/2019					2	8	1	6			2	5	15	11				5				8	47	55

District	Municipality and Ward No.	Orientation venue	Date	Orientation and Consultation participants Composition disaggregated by Gender, Caste and Ethnicity																				Grand Total				
				Dalits				Janajatis						Brahmin/Chhetri				Other Backward Class groups		Muslims		Others			Total			
				Hill		Madhesi		Hill		Madhesi		Newars		Hill		Madhesi		F	M	F	M	F	M		F	M		
				F	M	F	M	F	M	F	M	F	M	F	M													
Morang	Biratnagar-7/8	Devkota chok	12/16/2074					2	6							5	13	2	13				2			9	34	43
Morang	Biratnagar-9	Ramjanaki path	1/23/2075		2			3	9	2	8					4	6	1	8							10	35	45
Morang	Biratnagar-15	Rani	10/9/2075				1	2	8							4	7	3	9				2			9	27	36
Morang	Biratnagar-7/8	Adarsa Balika School	11/11/2075					3	5	2	5					3	4	1	6							9	20	29
Morang	Biratnagar-10	Pasang marga	2/19/2076					2	4		3					2	6		6							4	19	23
Morang	Biratnagar-10	Pratibha chok	2/21/2076	1		1	1	2	1		1					2	6	2	3							8	12	20
sub-total				5	7	1	4	22	52	7	38	0	5	33	76	10	76	0	0	0	12	0	0	0	0	78	270	348
%				1.4	2.0	0.3	1.1	6.3	14.9	2.0	10.9	0	1.4	9.5	21.8	2.9	21.8	0	0	0	3.4	0	0	0	0	22	78	100
Grand total				5	9	8	14	26	72	26	82	0	5	43	100	34	135	0	0	0	46	0	0	0	0	142	463	605
%				0.8	1.5	1.3	2.3	4.3	11.9	4.3	13.6	0	0.8	7.1	16.5	5.6	22.3	0	0	0	7.6	0	0	0	0	23.5	76.5	100
Total of Both (F+M)				36 (6%)				206 (34%)				5 (0.8%)		312 (51.6%)				0		46 (7.6%)		0				605 (100%)		

Please clearly mentioned that out of total participants how many number of women, poor, socially excluded and vulnerable population have participated in each event and present data in separate table according to disaggregated form.

Table G: Annual participatory Community monitoring meetings (Non P7 municipalities)

District	Municipality	Orientation venue	Event Date	Annual participatory community monitoring(APCM) meeting participants Composition disaggregated by Gender, Caste and Ethnicity																				Grand Total						
				Dalits				Janajatis						Brahmin/Chhetri				Other Backward Class groups		Muslims		Others			Total					
				Hill		Madhesi		Hill		Madhesi		Newars		Hill		Madhesi		F	M	F	M	F	M		F	M				
				F	M	F	M	F	M	F	M	F	M	F	M															
Parsa	Birgunj	Birgunj	11/5/2075		1		1	2	7								4	6	14	3	14							11	41	52
Morang	Biratnagar	Panchali	2/5/2076		1		1	2	7								5	9	23	1	15							12	52	64
Total				0	2	0	2	4	14	0	0	0	9	15	37	4	29	0	0	0	0	0	0	0	0	23	93	116		
%				0	1.7	0	1.7	3.4	12.1	0	0	0	7.8	12.9	31.9	3.4	25.0	0	0	0	0	0	0	0	0	19.8	80.2	100		

Note: Ensure the presence of Community representatives/ TLOs (at least 50% women), volunteers and civil society representatives, Ward members, NGOs, Slum dwellers & poor in conducted annual participatory community monitoring meeting.

Photograph



Brooming work at R41, Jahada Marga, Biratnagar



Mayor inspecting Asphalt work at R6, Biratnagar



Pavement work at first Bypass Road, DBM works, Birgunj



Kerbstone and tickdrain works at Radhemai and Canal road, Birgunj



PCC Road, site clearance and Drainage works at Himali Tole – 20, Nepalgunj



PCC Road Brick Soling work at Karkando Lagdahaba Tole-18, Nepalgunj



Base course layer in Nagarpalika road, Siddharthanagar



Density test for base course layer in Nagarpalika road, Siddharthanagar