

Building Design Authority (P) Ltd



in joint Venture with B.N. Consultancy Pvt. Ltd and PLUSH Engineering & architects (P) Ltd Kathmandu.

Monthly Progress Report

Regional Urban Development Project (RUDP) Project Implementation Unit Biratnagar, Nepal



January 2020 Biratnagar Metropolitan City (BMC), Nepal

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EXECUTIVE SUMMARY

This Project Monitoring Report mainly covers the Progress achieved in the component of Regional Urban Development Project (RUDP) in Biratnagar Metropolitan City, Nepal. The information has been provided in the following Chapters are mentioned below:

- 1. Introduction/ Background- It provide brief Account on the Project and its Background stating why, how and when the Project was started in Biratnagar Metropolitan City.
- 2. Salient Feature of Contract Package: RUDP/ICB/BRT/2- It provides brief Account of Contract Data with Major components of works to be carried out.
- **3.** Sub Project Components- It provides a brief Account on the various Sectors of the Project component summarizing the respective Progress such as Sewer Line, Storm Water Drain, Road side Drain, Roads and Lanes and Electrification Work if any. This Chapter further covers Environment Mitigation Measures and Social Safeguard measures.
- 4. Objective and Scope of the Works- This Chapter briefly describes the expected output of the Project and Scope of Consultant regarding execution of Work.
- 5. Progress of Sub Project Components- This Chapter comprises the status of Work stating what kind of works are under Progress and how much Progress has been achieved till date. It further elaborates on the status of actual achievement versus the Targeted achievement till date. Sometimes, the project gets delayed due to unforeseen obstacles which are rampant in the case of Nepal. Such events are also enlisted to clarify the reason for delay in the project.
- 6. **Details of Pre Cast Activities-**In the urban area, as ongoing projects creates a lot of disturbances and difficulties in the life of the people living in the project area, the work has to be conducted in the speedy manner to finish it as soon as possible. Precast of the project components are the best alternative to overcome this issue and details of precast activities are provided in this chapter.
- 7. **Contractor's Manpower and Contractor's Equipment-** Chapter 7 and Chapter 8 deal with summary of Manpower and Equipment respectively stating whether Resources owned by the Contractor are sufficient for the execution of Contract.

1. PROJECT DESCRIPTION

1.1. INTRODUCTION/BACKGROUND

GoN has negotiated loan with Asian Development Bank for the Regional Urban Development Project (RUDP) in Nepal. The RUDP, in the line with ADB's water and urban operation plans, will construct and upgrade urban infrastructure in eight towns in the Terai Region of Nepal, improve operational effectiveness of these eight municipalities. The project will also build institutional capacity of DUDBC for urban planning, project planning and project preparation in order to proactively shape urbanization in Nepal and implement the National Urban development strategy. Biratnagar is one of the eight municipal towns included in the RUDP. The subcomponent of the RUDP covers the construction and improvement of sewerage, drainage and roads and design of Integrated Solid Waste Management System for Biratnagar Municipality. Building Design Authority (P) Ltd (Nepal),B.N. Consultancy Pvt. Ltd and PLUS Engineers & Architects (P) Ltd Kathmandu and have entered for a Contract of Consulting Services with Regional Urban Development Project (RUDP), Project Implementation Unit(PIU), Biratnagar Metropolitan City on 28thOctober 2017.

Regional Urban Development Project (RUDP) the Department of Urban Development and Building Construction (DUDBC), under the Ministry of Urban Development (MUD) through the Government of Nepal (GoN) has received the loan from Asian Development Bank (ADB) Loan 47252-NEP.

In line with ADB's Strategy 2020 and based on Nepal's fundamental long term needs and on the GoN's priority, the ADB is continuing to support the Government in(i) improving urban infrastructure; improving access to water supply and sanitation (ii) supporting urban environmental improvement(iii) strengthening the operation and management skills of local governments. The Regional Urban Development Project (RUDP) is forward to promote healthy cities by creating healthier urban environments and was formulated under the PPTA 2010.



2. CONTRACT DATA: - RUDP/ICB/BRT/2

	General Features					
Name of Project	Regional Urban Development Project(RUDP)					
	Government of Nepal,					
Executing Agency	Ministry of Urban Development					
	Department of Urban Development and Building Construction (DUDBC)					
Implementing Agency	Biratnagar Metropolitan City, Biratnagar					
Funded By	Asian Development Bank & Government of Nepal					
Package	Construction and Completion of Sewerage, Drainage, Road, Footpath and Road furniture works					
Contract No.	RUDP/ICB/BRT/2					
Location	Biratnagar Metropolitan City, Biratnagar					
Consultant	Building Design Authority (P) LTD in Joint Venture With B.N. consultancy Pvt and PLUS Engineers and Architects (P) Ltd Kathmandu.					
Date of Sign of Design and Supervision Consulting Service	28th August 2017					
Date of Commencement of Design and Supervision Consulting Service	6th September 2017					
Date of Completion	5th September 2020					
Contractor	ZHONGHENG Construction Group International Engineering Co Ltd. Beijing, China.					
Date of Agreement Made	10 th October 2017					
Date of Commencement	2 nd November 2017					
Date of Completion (Scheduled)	1 st November 2019					
Date of Completion (after EOT-1)	18 th May 2020					
Contract Amount including PS and VAT	NRs. 2,611,092,249.63					
Contract Amount including PS and VAT (Corrected)	NRs. 2,611,088,390.60					
Contract Amount including PS and VAT (after VO-1)	NRs. 2,760,853,674.59					
Additional Financing 100% funded by BMC after VO-1 (provisional items)	NRs. 39,999,893.49					
Progress	after VO-1					



	General Features								
Road Rehabilitation (Asphalt)	71.69%								
Sewer Line	99.46%								
Storm Drain	100.00%								
Road Side Drain	99.69%								
Integrated Solid Waste Management (ISWM) Design	Inception Report as well as Stakeholder's Analysis, Communication Strategy and Consultation Plan for Integrated Solid Waste Management (ISWM) has already been submitted. Due to Socio Environment Problem, Progress of Integrated Solid Waste Management (ISWM) design has been hindered.								
Physical Progress up to date	With respect to Revised Work Program-02 (after VO-01): Planned: 78.98%, Actual: 83.74%; Lead (+) or Lag (-) by (-) 4.76% Lead.								
Financial Progress up to date (<i>on the</i>	In Percentage: 70.83%, In Figure: NRs. 1,955,384,063.81 (including VAT and PS) up to IPC –14 wrt to VO-1.								
basis of IPC forwarded for disbursement)	In Words: NRs. One Billion Nine Hundred Fifty Five Millions Three Hundred Eighty Four Thousand Sixty Three and Eighty One Paisa Only.								

3. SUMMARY OF PROGRESS STATUS OF ALL MAJOR COMPONENTS

S. No.	Description	Unit	Quantity as per VO-1	Progress up to date	Remaining	Progress Status expressed in (%) wrt VO-1	Remarks
1	Sewer Line						
a	HDPE/RCC	m	18,559.80	18,459.80	100.00	99.46%	
b	Manhole	No.	606.00	604.00	2.00	99.67%	
c	Sewer Inlet	No.	1,010.00	633.00	377.00	62.67%	
d	House Connection	No.	3,784.00	1,705.00	2,079.00	45.06%	
	I	1					
2	Storm Water Drain						
a	RCC Drain	m	585.00	585.00	-	100.00%	
b	Piles	No.	138.00	138.00	_	100.00%	



S. No.	Description	Unit	Quantity as per VO-1	Progress up to date	Remaining	Progress Status expressed in (%) wrt VO-1	Remarks
3	Road						
a	Sub grade	m	66,718.00	56,067.93	10,650.07	84.04%	
b	Sub base	m	66,718.00	55,457.93	11,260.07	83.12%	
c	Base	m	66,718.00	51,171.98	15,546.02	76.70%	
d	Prime	m	66,718.00	47,826.95	18,891.05	71.69%	
e	Asphalt	m	66,718.00	47,826.95	18,891.05	71.69%	
4	Road Side Drain	m	35,424.00	35,316.82	107.18	99.69%	



3.1. SUB PROJECT COMPONENTS

3.1.1. SEWER LINES

Trunk Line T1 & T2 were already completed in STIUEIP (Secondary Town Integrated Urban Environmental Improvement Project) and remaining part of sewer lines in T4 completed and T3 have been identified and necessary survey and construction works were performed, almost all the lines were completed except 100m length of secondary sewer lines of T3 east of Sanihat chowk. The SI & HCC works are in progress also the maintenance work of sewer lines, sewer inlet and house chamber connections are in progress where required as per instruction from DSC & PIU.

Details of proposed sewer lines and progress are as tabulated in Table 1 & Table 2below: -



Monthly Progress Report Table 1: PROPOSED ALL MAJOR COMPONENTS OF THE PROJECT

S. No.	Description	Unit	Quantity after VO-1
1	Sewerage Pipe Supply and Installation	m	18,559.80
	Reinforced Concrete Pipe laying and jointing		1,967.50
	Line T2 (Secondary)	m	205.00
	Line T3 (Trunk)	m	1,632.50
	Line T4 (Trunk)	m	130.00
	HDPE laying and jointing	m	16,592.30
	Line T1 (Secondary)	m	1,743.20
	Line T2 (Secondary)	m	3,153.40
	Line T3 (Secondary)	m	9,643.80
	Line T4 (Secondary)	m	2,051.90
2	Manhole (Brick / RCC)	no.	606.00
3	Sewer Inlet	no.	1,010.00
4	House Connection	no.	3,784.00
5	Reinstatement of Roads	km	66.718
6	Road side Drain	Km	35.424
7	Storm Water Drain	m	585.00



Table: - 2 PHYSICAL PROGRESS IN SEWER LINES till date

		Quantity as	s per VO-01	Up to Pr	Up to Pre Month		This month		Total to date	
SN	Description	Length (m)	Manhole (Nos.)	Length (m)	Manhole (Nos.)	Length (m)	Manhole (Nos.)	Length (m)	Manhole (Nos.)	Progress %
Hur	ne Pipe:									
1	Hume pipe (T2)	205.00	6.00	205.00	6.00			205.00	6.00	
2	Hume pipe (T3)	1,632.50	25.00	1,632.50	25.00			1,632.50	25.00	
3	Hume Pipe (T4)	130.00	4.00	130.00	4.00			130.00	4.00	
Subtotal in (m)		1,967.50	35.00	1,967.50	35.00			1,967.50	35.00	
HD	PE Pipe:				L	I	I			
1	HDPE (T1)	1,743.20	54.00	1,743.20	54.00			1,743.20	54.00	
2	HDPE (T2)	3,153.40	121.00	3,153.40	121.00			3,153.40	121.00	
3	HDPE (T3)	9,643.80	340.00	9,543.80	333.00		5.00	9,543.80	338.00	
4	HDPE (T4)	2,051.90	56.00	2,051.90	56.00			2,051.90	56.00	
Sub	total in (m)	16,592.30	571.00	16,492.30	564.00		5.00	16,492.30	569.00	
Tota	al	18,559.80	606.00	18,459.80	599.00	-	5.00	18,459.80	604.00	99.46%



SN	Description	Quantity as per VO-01 (Nos.)	Up to Pre Month	This month	Total to date	Progress %
1	Sewer inlet	1,010.00	627.00	6.00	633.00	62.67
2	House connection	3,784.00	1,576.00	129.00	1,705.00	45.06



3.1.2. STORM WATER DRAIN

The storm water drain CN2, and CN3 has been provisioned in Regional Urban Development Project (RUDP). The Contractor has already completed the works except some minor works at inlet and outlet which have been proceeding soon. The detail of the progress is shown in the table 3:

Table: 3 PROPOSED and PHYSICAL PROGRESS in STORM WATER DRAINS till date.

					Length of			
SN	Name of Drain		Revised	Prog	ress		Covered Drain in m	Remarks
211		Original	after VO-1	Previous	This Month	Cumulative	Type- RCC, Closed	iveniai KS
1	CN2-CN3 (Chyangh Baari Nala)	652.89	585.00	585.00		585.00	585.00	100% Completed
2	CN2-CN3 (Chyangh Baari Nala)	132 Nos. of piles	138 Nos. of piles	138 Nos. of piles		138 Nos. of piles		100% Completed

3.1.3. ROADS AND LANES

Most of the roads/lanes in Biratnagar are in a poor state due to lack of periodic maintenance, and need improvement where as some of the roads are graveled and would benefit from upgrading. In the areas where drainage and sewerage works are proposed there will be significant impact on the existing roads. The Project has considered on design based on reinstatement, rehabilitation and upgrading of existing roads length 66.718 km as per VO-01. Some of the roads of the project has been completed and some of them are in the process of being upgraded.

Out of 66.718 km. about 55.457 Km. has been attempted for Sub Base. About 47.826km. asphalt work is completed. The summary of physical progress of flexible pavement, rigid pavement and footpaths are tabulated in Table 4, 4.1 & 4.2 below: -



]	Length in m			Work Con	pleted			S
CN	Road	Name of	Prog	ress		Sub-base Base		Base Asphalt		Paint	ark
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
1	R42	Bhagwati Marg	229.00		229.00	229.00	229.00	229.00			
2	R5	College Road	650.00		650.00	650.00	544.50	544.50			
3	R5	Chulachuli Road	196.00		196.00	196.00	196.00	196.00			
4	R5		191.60		191.60	191.60	191.60	191.60			
5	B2	Gauri Shankar Marg	2,152.00		2,152.00	2,152.00	2,152.00	2,152.00	210.00		
6	R65	Satghumti Marg	320.00		320.00	320.00	320.00				
7	R107		215.00		215.00	215.00	215.00	174.00			
8	R107 a		50.00		50.00	50.00	49.00	49.00			
9	R104	VIP Marg	281.15		281.15	281.15	281.15	281.15			
10	R8	Madhumara Marg	553.05		553.05	553.05	553.05	553.05			
11	B1	Kanchan Marg	1,173.00		1,173.00	1,173.00	1,106.00	1,106.00		1,106.00	
12	R21	Pratibha Marg	1,367.10		1,367.10	1,367.10	1,367.10	1,367.10		1,012.80	

Table No:-4 PROPOSED and PHYSICAL PROGRESS of pavement works till date



		Name of	Length in m			Work Completed					
CN	Road		Progress			Sub-base	Base	Asphalt	RCC	Paint	arks
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
13	B3	Keshaliya Marg	1,627.75		1,627.75	1,627.75	1,627.75	1,627.75			
14	S13		1,687.30		1,687.30	1,687.30	1,687.30	1,687.30		1,812.60	
15	R12		880.00		880.00	880.00	880.00	740.00			
16	R12	Kanchha Dai Marg	900.00		900.00	900.00	900.00	289.50			
17	Rani site	Rani	3,295.60		3,295.60	3,295.60	3,295.60	3,295.60			
18	R16	Satya Marg	604.00		604.00	604.00	604.00	554.90			
19	R26	Pasang Marg	598.00		598.00	598.00	598.00	598.00			
20	R28	Pustakalaya Marg	635.00		635.00	635.00	621.20	539.20			
21	R27	Peepal Marg	601.60		601.60	601.60	601.60	601.60		639.20	
22	R25	Devi Marg	580.00		580.00	580.00	580.00	566.80			
23	R24	Prabhat Marg	518.15		518.15	518.15	518.15	518.15			
24	R37	Banglamukhi Marg	477.00		477.00	477.00	477.00	477.00			
25	R7	Manakamana Marg	542.00		542.00	542.00	542.00	542.00			



				Length in m			Work Con	pleted			
SN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
21	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
26	R7	in between R18 to R27	400.00		400.00	400.00	400.00	400.00			
27	R30	Shanti Marg	229.50		229.50	229.50	229.50	229.50			
28	R9	Fadindra Marg	119.00		119.00	119.00	119.00	119.00			
29	R9		230.00		230.00	230.00	230.00	140.00			
30	S11	Samrat Marg	660.00		660.00	660.00	504.60	504.60		504.60	
31	R22	Amar Marga	367.65		367.65	367.65	367.65	367.65			
32	R29	Shanti Marg	838.70		838.70	838.70	838.70	838.70		585.60	
33	R36	Gaurav Marg	222.00		222.00	222.00	222.00	222.00		440.00	
34	R33	Tarun Marg	283.00		283.00	283.00	283.00	283.00			
35	R64	Satya Narayan Marg	121.00		121.00	121.00	121.00	-			
36	R8		225.00		225.00	225.00	225.00	225.00			
37	N36		190.00		190.00	190.00	186.95	186.95			
38	R188	Shakti Marg	116.00		116.00	116.00	116.00	116.00			



				Length in m			Work Com	pleted			
	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	arks
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
39	R2	Main Road	2,800.00	320.00	3,120.00	2,800.00	2,604.70	2,604.70		350.00	
40	T3 Line 6A	Pandit Meghnath Marg	279.00		279.00	279.00	279.00	279.00			
41	T2 Line 24C	Nava Jyoti Marg	205.00		205.00	205.00					
42	T2 Line 24D	Nava Jyoti Marg	210.00		210.00	210.00					
43	R63 (DSP Road)	DSP Road	424.24		424.24	424.24	424.24	424.24			
44	R90	Shakti Marg	450.00		450.00	450.00	450.00	450.00		640.00	
45	R77	Arniko Marg	87.20		87.20	87.20	87.20	87.20			
46	R76	Mitra Marg	270.00		270.00	270.00	270.00	270.00		541.20	
47	R183	Nava Jyoti Marg	240.00		240.00	240.00	220.00	220.00			
48	T1 L16B	Xenial Front	210.00		210.00	210.00	205.00	205.00			
49	T1L16A	Xenial South	180.00		180.00	180.00	180.00	180.00			
50	R114	Dharanidhar Marg	560.00		560.00	560.00	560.00	560.00		560.00	
51	R113	Kavi Lekh Marg	740.00		740.00	740.00	740.00	740.00			



				Length in m			Work Con	pleted			
SN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	arks
DIN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
52	R5a		54.70		54.70	54.70	54.70	54.70			
53	R3	Dharamban Marg	2,383.00		2,383.00	2,383.00	2,383.00	2,295.30		2,080.30	
54	R3 - under STIUEIP	Tinpaini to Puspalal chowk	_		-	-				4,000.00	
55	R78	Sombare - Highway	92.00		92.00	92.00	92.00	92.00			
56	R84	West of school	473.20		473.20	473.20	381.00	381.00			
57	R84		93.60		93.60	93.60	93.60	93.60			
58	R85	Machha Line	160.00		160.00	160.00	160.00	160.00			
59	R87	Mahabir Chowk	154.00		154.00	154.00	154.00	154.00			
60	R86	Petrol pump side -R12	200.00		200.00	200.00	191.00	191.00			
61	R11	R18/R86	281.00		281.00	281.00	205.00	205.00			
62	N3	Jatuwa	122.00		122.00	122.00	122.00	122.00			
63	N4	Jatuwa	168.00		168.00	168.00	168.00	168.00			
64	R10	Ram Marga	292.00		292.00	292.00	292.00	292.00		853.20	



				Length in m			Work Con	pleted			
CN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
65	R10	R35 to R21	393.00		393.00	393.00	393.00	393.00			
66	T2L26F	APF	55.00		55.00	55.00					
67	T2L27		80.00		80.00	80.00	80.00	80.00			
68	R122		265.55		265.55	265.55	265.55	265.55		497.40	
69	N9		220.42		220.42	220.42	220.42	220.42			
70	R17		373.00		373.00	373.00	373.00	373.00		730.00	
71	R18		387.00		387.00	387.00	387.00	387.00			
72	N2		105.84		105.84	105.84	105.84	105.84			
73	T3L6	Moti marga	170.00		170.00	170.00	170.00	170.00			
74	T3L6	Elite club - CDO Office	107.00		107.00	107.00					
75	T3L6	Balmandir - Ganesh Mandir	380.00		380.00	380.00					
76	T3L6	CDO Office front	49.40		49.40	49.40					
77	T3L6A	Golchha Marga	220.00		220.00	220.00	220.00	220.00			



				Length in m			Work Con	pleted			
SN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	arks
SIN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
78	T3L23	Madhumara road	541.00		541.00	541.00	541.00	541.00		358.40	
79	R45	Bata road	505.00		505.00	505.00	315.00	315.00			
80	T3L21		400.00		400.00	400.00	400.00	400.00		774.00	
	T3L21B			60.00	60.00	60.00	60.00	60.00			
81	N5	R16 to R18	71.00		71.00	71.00	71.00	71.00		122.00	
82	T3L39		400.00		400.00	400.00	325.80	245.80		491.00	
83	T3L39A		89.00		89.00	89.00	89.00	89.00		179.40	
84	T3L39B		60.00		60.00	60.00	60.00	60.00		117.60	
85	T3L39C		100.00		100.00	100.00					
86	R68 - T2L24G		220.00		220.00	220.00	220.00	218.00			
87	N10		194.00		194.00	194.00	194.00	194.00			
88	T3L24C		170.00		170.00	170.00					
89	T3L9		278.00		278.00	278.00					
90	R6		1,228.20		1,228.20	1,228.20	1,228.20	1,228.20			



				Length in m			Work Com	pleted			
CN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
91	N24		116.00		116.00	116.00	116.00	116.00			
92	R31		188.70		188.70	188.70	188.70	188.70			
93	Bindabasini Marga		352.28		352.28	352.28	352.28	352.80			
94	Bhattimode to Hartalihaat		166.50		166.50	166.50	166.50	166.50			
95	R73		217.00		217.00	217.00	217.00	217.00			
96	R6 (R41- R44)	Bata Galli	269.00		269.00	269.00	269.00	269.00			
97	R6		1,322.00		1,322.00	1,322.00	1,322.00	1,322.00			
98	R6	Pratibha chowk to N2	510.80		510.80	510.80	510.80	510.80			
99	R9 (R41- R7)		194.80		194.80	194.80	194.80	194.80			
100	R44	Thakurbari Road	482.50		482.50	482.50	482.50	357.50			
101	R102	Main	140.00		140.00	140.00	140.00	140.00			
102	R102	Branch	71.30		71.30	71.30	71.30	71.30			



]	Length in m			Work Con	pleted			
SN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
211	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
103	R103		170.40		170.40	170.40	170.40	170.40			
104	R32		188.00		188.00	188.00	188.00	188.00			
105	T2L18Y		116.20		116.20	116.20	116.20	116.20			
106	R20		108.00		108.00	108.00	108.00	108.00			
107	R82	Everest School	530.00		530.00	530.00	530.00	530.00			
108	T1L5		140.00		140.00	140.00	140.00	140.00			
109	T1L5A		533.50		533.50	533.50	533.50	533.50			
110	T3L23C	Jay Nepal	272.20		272.20	272.20	65.20	65.20			
111	T3L23C	North to Jay Nepal	82.90		82.90	82.90	82.90	82.90			
112	T3L25B		195.00		195.00	195.00	190.00				
113	T3L25C		140.00		140.00	140.00					
114	R3	T3 Trunk	465.00	220.00	685.00	685.00	370.00				
115	Nagmandir to R3		55.00		55.00	55.00	55.00	55.00			
116	R4		220.00	140.00	360.00	250.00	250.00	250.00			



<u>Regional Urban Development Project (RUDP)</u>

				Length in m			Work Con	pleted			
CN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
117	R75		143.50		143.50	143.50	143.50	143.50			
118	R43		329.40		329.40	329.40	329.40	329.40			
119	T219P		124.80		124.80	124.80	124.80	124.80			
120	T219Q		113.70		113.70	113.70	113.70	113.70			
121	R106		130.00	50.00	180.00	180.00	120.90				
122	T3L12		80.00		80.00	80.00	50.90	50.90			
123	R46		340.00		340.00	340.00	140.00				
124	T3L11E		124.55		124.55	124.55	124.55	124.55			
125	T3L13D		70.00		70.00	70.00					
126	T3L13C		100.00		100.00	100.00	100.00	100.00			
127	R34		157.00		157.00	157.00	157.00	157.00			
128	T3L13E		80.00		80.00	80.00	65.00	65.00			
129	T3L13K		154.00		154.00	154.00	75.90	75.90			
130	R19		247.00		247.00	247.00	228.00	228.00			



				Length in m			Work Con	pleted			
SN	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
SIN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
131	R41		540.00		540.00	540.00	540.00	540.00			
132	R9B		90.00		90.00	90.00	90.00	83.85			
133	R67		119.40		119.40	119.40	119.40	119.40			
134	R74		100.00		100.00	100.00	100.00	100.00			
135	R9A		109.00		109.00	109.00	109.00	109.00			
136	T2L19F		120.00		120.00	120.00	117.20	117.20			
137	T3L7A		190.00		190.00	190.00	158.00	158.00			
	T3L7C			155.00	155.00	155.00	155.00				
	T3L13F			75.00	75.00	75.00	75.00				
	T3L11M			80.00	80.00	80.00	80.00	80.00			
	T3L11N			70.00	70.00	70.00					
	T3L13J			67.00	67.00	67.00					
	T3L33A (N7)			150.00	150.00						
	T3L33B			30.00	30.00						



				Length in m			Work Com	pleted			s
CNI	Road	Name of	Prog	ress		Sub-base	Base	Asphalt	RCC	Paint	ark
SN	Number	Road	Previous	This Month	Total	m	m	m	m	m	Remarks
	R35			137.00	137.00	137.00	137.00				
	R83			130.00	130.00	130.00	130.00	130.00			
	R101			130.00	130.00	130.00					
	R105			160.00	160.00	160.00	160.00	160.00			
	R15			192.00	192.00	192.00	192.00	192.00			
	R181A			190.00	190.00	190.00	190.00				
	T3L5			285.00	285.00	285.00					
	N38			200.00	200.00	200.00	200.00				
	Total		53,226.93	2,841.00	56,067.93	55,457.93	51,171.98	47,826.95	210.00	18,395.30	



Table No:-4.1Footpath (Work Progress till date)

				Progress in	m		Footpath	-	
SN	Road Number	Туре*	Previous	This Month	Cumulative	Length (m)	Avg. Breadth (m)	Quantity (m ²⁾	Remarks
1	R2	Precast block	602.00	300.00	902.00	902.00	0.98	879.45	RHS
2	R2	Precast block	602.00		602.00	602.00	1.10	662.20	LHS
3	R29	Precast block	330.00		330.00	330.00	0.90	297.00	RHS
4	R29	Precast block	330.00		330.00	330.00	0.90	297.00	LHS
5	R28	Precast block	322.00		322.00	322.00	0.90	289.80	RHS
6	R28	Precast block	335.00		335.00	335.00	0.90	301.50	LHS
7	R28	Precast block	341.00		341.00	341.00	0.90	306.90	RHS
8	R21	Precast block	365.00		365.00	365.00	1.00	365.00	RHS
9	R21	Precast block	765.00		765.00	765.00	1.00	765.00	LHS
10	R78	Precast block	75.00		75.00	75.00	1.20	90.00	RHS
11	R78	Precast block	75.00		75.00	75.00	1.20	90.00	LHS
12	R77	Precast block	115.00		115.00	115.00	0.90	103.50	RHS
13	R77	Precast block	115.00		115.00	115.00	0.90	103.50	LHS
14	R76	Precast block	275.00		275.00	275.00	0.95	261.25	RHS
15	R76	Precast block	275.00		275.00	275.00	0.95	261.25	LHS
16	R75	Precast block	160.00		160.00	160.00	0.95	152.00	RHS
17	R75	Precast block	160.00		160.00	160.00	0.95	152.00	LHS



				Progress in	m		Footpath		
SN	Road Number	Туре*	Previous	This Month	Cumulative	Length (m)	Avg. Breadth (m)	Quantity (m ²⁾	Remarks
18	R10	Precast block	700.00		700.00	700.00	0.95	665.00	RHS
19	R10	Precast block	700.00		700.00	700.00	0.95	665.00	LHS
20	R31	Precast block	175.00		175.00	175.00	0.95	166.25	RHS
21	R31	Precast block	175.00		175.00	175.00	0.95	166.25	LHS
22	R32	Precast block	185.00		185.00	185.00	0.30	55.50	RHS
23	R32	Precast block	185.00		185.00	185.00	0.30	55.50	LHS
24	R33	Precast block	285.00		285.00	285.00	0.90	256.50	RHS
25	R33	Precast block	170.00		170.00	170.00	0.90	153.00	LHS
26	R16	Precast block	170.00		170.00	170.00	1.20	204.00	RHS
27	R16	Precast block	170.00		170.00	170.00	1.20	204.00	LHS
28	R6	Precast block	700.00		700.00	700.00	1.20	840.00	RHS
29	R6	Precast block	700.00		700.00	700.00	1.20	840.00	LHS
30	B1	Precast block	490.00		490.00	490.00	1.20	588.00	RHS
31	B1	Precast block	490.00		490.00	490.00	3.40	1,666.00	LHS
32	B2 (2)	Precast block	715.00		715.00	715.00	0.59	421.85	RHS
33	B2 (2)	Precast block	715.00		715.00	715.00	1.65	1,179.75	LHS
34	B2 (1)	Precast block	131.00		131.00	131.00	2.60	340.60	RHS
35	B2 (1)	Precast block	131.00		131.00	131.00	0.90	117.90	LHS



			-	Progress in	m		Footpath		
SN	Road Number	Туре*	Previous	This Month	Cumulative	Length (m)	Avg. Breadth (m)	Quantity (m ²⁾	Remarks
36	B3	Precast block	670.00	490.00	1,160.00	1,160.00	2.33	2,697.00	RHS
37	B3	Precast block	670.00		670.00	670.00	0.70	469.00	LHS
38	S 11	Precast block	112.00		112.00	112.00	0.95	106.40	RHS
39	S11	Precast block	75.00		75.00	75.00	1.21	90.75	LHS
40	Rani	Precast block	425.00		425.00	425.00	1.00	425.00	RHS
41	Rani	Precast block	425.00		425.00	425.00	1.00	425.00	LHS
42	R3	Precast block	250.00		250.00	250.00	1.10	275.00	RHS
43	R3	Precast block	1,050.00		1,050.00	1,050.00	1.10	1,155.00	LHS
44	R27	Precast block	400.00		400.00	400.00	1.10	440.00	RHS
45	R27	Precast block	400.00		400.00	400.00	0.85	340.00	LHS
46	R26	Precast block	300.00		300.00	300.00	1.23	369.00	RHS
47	R26	Precast block	285.00		285.00	285.00	1.10	313.50	LHS
48	R25	Precast block	205.00		205.00	205.00	1.00	205.00	RHS
49	R25	Precast block	201.00		201.00	201.00	1.00	201.00	LHS
	Total =		17,697.00	790.00	18,487.00	18,487.00		21,474.10	



SN	Description	Unit	Proposed in VO-01	Total Up to Previous Month	This Month	Total Up to this Month	Progress wrt VO-01
1	Subgrade	m	66,718.00	53,226.93	2,841.00	56,067.93	84.04%
2	Sub Base	m	66,718.00	53,226.93	2,231.00	55,457.93	83.12%
3	Base	m	66,718.00	48,987.98	2,184.00	51,171.98	76.70%
4	Prime/Tack	m	66,718.00	46,559.11	1,267.84	47,826.95	71.69%
5	Asphalt	m	66,718.00	46,559.11	1,267.84	47,826.95	71.69%

Note: Rigid road pavement is done only at B2 (3) near DPS School, east to B2 and 427.89m in length.



3.1.4. ROAD SIDE DRAIN

Most of the roads under this project for upgrading is without drain or existing drain are in poor condition, on instruction from the employer at various stretches the construction works were ongoing and some of them have been completed. The project has provisioned drain at either sides or one side as per available RoW of the road. The contractor has already started drain works at many locations. The progress for the drain works is listed below:

]	Length in m		Work Co	mpleted	s
SN	Road Number	Name of	Prog	ess		Brick	RCC	ark
BIN	Koau Tuliibei	Road	Previous	This Month	Total	m	m	Remarks
1	B1	Kanchan Marg	45.00		45.00	45.00		
2	R29	Shanti Marg	256.52		256.52	256.52		
3	N36		185.88		185.88	185.88		
4	R8		219.83		219.83	219.83		
5	R7	Devi Marg and Pipal Marg	89.58		89.58	89.58		
6	R63	DSP Road	418.79		418.79	418.79		
7	R9	Baglamukhi path	103.20		103.20	103.20		
8	S13	Udaya Marga	79.05		79.05	79.05		
9	N33		60.00		60.00	60.00		
10	R28	Pustakalaya Marg	278.00		139.00	139.00		One Sided Drain Road
11	R90	Shakti Marg	377.30		377.30	377.30		
12	R114	Dharanidhar Marg	312.33		312.33	312.33		
13	R11	Om Shiv Marg	204.25		204.25	204.25		
14	R18		389.50		389.50	389.50		
15	R17		372.00		372.00	372.00		
16	R113	Kavi Lekhnath Marg	72.45	241.85	157.15	157.15		One Sided Drain Road



Monthly Progress Report

			I	Length in m		Work Co	mpleted	x
SN	Road Number	Name of	Progr	ess		Brick	RCC	lark
514	Kuau Number	Road	Previous	This Month	Total	m	m	Remarks
17	R77	Arniko Marg	80.00		80.00	80.00		
18	R76	Mitra Marg	270.00		270.00	270.00		
19	N9	Devi Marga	222.58		222.58	222.58		
20	N4		162.20		162.20	162.20		
21	R33	Tarun Marg	283.15		283.15	283.15		
22	R36	Gaurav Marg	221.80		221.80	221.80		
23	R86	Janpath Marg	192.15		192.15	192.15		
24	R183	Nava Jyoti Marg	219.40		219.40	219.40		
25	R7a		67.35		67.35	67.35		
26	Rani site	Rani B	365.33		365.33	365.33		
27	Rani site	Rani A	271.50		271.50	271.50		
28	N3		126.25		126.25	126.25		
29	N5		65.00		65.00	65.00		
30	R21	Binayak Marga	388.25		194.13	194.13		One Sided Drain Road
31	R2	Main Road	2,182.50	611.00	2,793.50	2,793.50		
32	T1L16B	Xenial Front	205.68		205.68	205.68		
33	T1L16A	Xenial South	160.74		160.74	160.74		
34	R75	Tintoliya Marga	143.00		143.00	143.00		
35	R122	Amar Marga	256.00		256.00	256.00		
36	R18 Branch		30.00		30.00	30.00		
37	R7(b)(Neuro to sidhartha chowk)	Siddhartha Marga	365.00		365.00	365.00		
38	R12	Sukra Path	846.50		846.50	846.50		
39	R42	Jahada Marga	85.50		85.50	85.50		
40	R6	Shahi Marg	963.00		963.00		963.00	



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			Ι	ength in m		Work Co	20	
SN	Road Number	Name of	Progr	ess		Brick	RCC	arks
511	Koau Nulliber	Road	Previous	This Month	Total	m	m	Remarks
41	R21(a)	DharamBadh Junction	190.00		95.00	95.00		One Sided Drain Road
42	R78	Binayak Marga	70.00		70.00	70.00		
43	R188	Shakti Marg	115.60		115.60	115.60		
44	R40	Brahma Kumari Marga	328.20		328.20	328.20		
45	Rani Site C		97.50		97.50	97.50		
46	Ranit Site D		131.45		131.45	131.45		
47	T3L21	Moti Marga	527.00		527.00	527.00		
48	T3L39	Gaheli Marga	340.00		340.00	340.00		
49	T3 Line 39A		139.00		139.00	139.00		
50	T3 L39B		58.50		58.50	58.50		
51	T2L27	Bhumi Prashasan Junction	79.50		79.50	79.50		
52	N2		95.00	8.20	103.20	103.20		
53	T2 Line 26E	College Road	90.00		90.00	90.00		
54	T2 Line 18C	Maisthan Marga	102.00		102.00	102.00		
55	T2Line 18A	Makalu Marga	60.00	30.00	90.00	90.00		
56	R6 (T3L11i)		265.00		265.00	265.00		
57	R9 (T3L11k)	Tathasthu Marga	180.00		180.00	180.00		
58	R45 (T3Line10D)	Dadhiram Marga	298.00		298.00	298.00		
59	R9, T2 L19	Fanindra Marga and Banglamukhi Marga	362.00		362.00	362.00		
60	R7c (Neuro to Shanti Chowk	Siddhartha Marga	600.00		600.00	600.00		



			Ι	Length in m		Work Co	mpleted	<i>v</i>
SN	Road Number	Name of	Progr	ess		Brick	RCC	lark
DIN	Koau Tumber	Road	Previous	This Month	Total	m	m	Remarks
61	R84	School Marga and Tenjing Marga	560.00		560.00	560.00		
62	R85	Lekhanath Marga	150.00		150.00	150.00		
63	R87	Byas Marga	150.00		150.00	150.00		
64	Rani B (Bus park)		90.00		90.00	90.00		
65	R8(a)	Madhumara Marg	312.00		312.00	312.00		
66	T3L23A, R101		220.00		220.00	220.00		
67	Rani E		160.00		80.00	80.00		One Sided Drain Road
68	R102	Hamro Marg	140.00		140.00	140.00		
69	R10/R10a	Ram Marga	740.36		740.36	740.36		
70	N10	APF	193.00		193.00	193.00		
71	R23	Bani Marg	200.00		200.00	200.00		
72	R103	Vibuti Marga	170.00		170.00	170.00		
73	T3L6 and T3L7	Sahid Marga	730.00		730.00	730.00		
74	P1, T3L6A	Pandit Meghnath Marga	260.00		260.00	260.00		
75	T2 L24C & D	Hanuman Das Marga	180.00		180.00	180.00		
76	T2 L25 (R5)	Chulachuli Marga	150.00	50.00	200.00	200.00		
77	R20		108.00		108.00	108.00		
78	T2L24F		115.50		115.50	115.50		
79	R105		172.00		86.00	86.00		One Sided Drain Road
80	R34	Prabhu Marg	158.35		158.35	158.35		
81	R35	Garima Marg	140.00		140.00	140.00		



			I	ength in m		Work Completed		x
SN	Road Number	Name of	Progr	ess		Brick	RCC	Remarks
bit	Rout Pullior	Road	Previous	This Month	Total	m	m	Rem
82	R107		160.00		160.00	160.00		
83	T3L13D		70.63		70.63	70.63		
84	T3L13E		62.40		62.40	62.40		
85	T3L11E		110.00		110.00	110.00		
86	B2		210.00		210.00	210.00		
87	R78		70.00		35.00	35.00		One Sided Drain Road
88	T3L21B			70.00	70.00	70.00		
89	T3L21A		25.00	25.00	50.00	50.00		
90	R74		96.00		96.00	96.00		
91	R46, (T3L7 and T3L22)	Rangeli Road	232.00	168.00	400.00	400.00		
92	T3L7A		125.00		125.00	125.00		
93	T3L8		75.00		75.00	75.00		
94	R5, (T2 L24)	Gudari Marga	274.00		274.00	274.00		
95	R82		190.00		190.00	190.00		
96	T1L13A		100.00		100.00	100.00		
97	T1L14A		150.00		150.00	150.00		
98	R68		200.00		200.00	200.00		
99	T3L22A		335.00		335.00	335.00		
100	T3L22B		120.00		120.00	120.00		
101	T3L25C		130.00		130.00	130.00		
102	T3L11B		71.00		71.00	71.00		
103	T3L11M		50.00	32.00	82.00	82.00		
104	R106		70.00		70.00	70.00		
105	R41		520.00		520.00	520.00		



			I	Length in m		Work Co	mpleted	×2
SN	Road Number	Name of	Progr	ess	_	Brick	RCC	Remarks
BIN		Road	Previous	This Month	Total	m	m	Rem
106	T2L19B		110.00	20.00	130.00	130.00		
107	R30		180.00		180.00	180.00		
108	T3L13C		300.00		300.00	300.00		
109	T3L13J		72.53		72.53	72.53		
110	T2L18Y		100.00		100.00	100.00		
111	T2L19P		114.38		114.38	114.38		
112	T2L19Q		126.55		126.55	126.55		
113	R9A		109.30		109.30	109.30		
114	R9B		85.00		85.00	85.00		
115	T2L18K		40.00	34.70	74.70	74.70		
116	T3L23C		105.00		105.00	105.00		
117	T2L24E	Mahabir Marga	60.00	156.00	216.00	216.00		
118	R44		390.00	310.00	700.00	700.00		
119	R110		150.00	100.00	250.00	250.00		
120	Parichaya Marga		130.00	60.00	190.00	190.00		
121	T3L25B		195.00		195.00	195.00		
122	T1L5, 5A		590.00		590.00	590.00		
123	T2L19Y		150.00		150.00	150.00		
124	T3 Trunk		979.92	575.15	1,555.08	1,555.08		
125	T2L19F		55.00	63.00	118.00	118.00		
126	T2L18D		20.00	55.00	75.00	75.00		
127	R19		175.00	51.00	226.00	226.00		
128	R83	Shiva Marga	125.00		125.00	125.00		
129	T3L10B, T3L7D (R46)	Rangeli Road	400.00		400.00	400.00		
130	T2L19G		60.00		60.00	60.00		



Monthly Progress Report

			J	Length in m		Work Co	mpleted	S
SN	Road Number	Number Name of		Progress		Brick	RCC	ark
21	Koad Number	Road	Previous	This Month	Total	m	m	Remarks
131	R4 (T2 Trunk)	Jatuwa Marga	230.00	50.00	280.00	-	280.00	
132	T3L25B, Outlet	Madhumara	96.00		96.00	96.00		
133	T3L7B	Matrika Marga	150.00		150.00	150.00		
134	T3L5	Sanihat Marga	210.00		210.00	210.00		L
135	T2L19H		75.00	10.00	85.00	85.00		
136	R181		150.00	43.00	193.00	193.00		
137	N38		200.00		200.00	200.00		
138	T3L10C	Paurakh Marga	110.00		110.00	110.00		
139	T3L10F		135.00		135.00	135.00		
140	T3L10, R6		170.00	170.00	340.00	340.00		
141	R47 (T3L10A)	Matrika Marga	125.00	25.00	150.00	150.00		
142	R12	Kanchhadai Marga	200.00	250.00	450.00	450.00		
143	R8 (b)	Sahayogi Marga	65.00		65.00	65.00		
144	T1L7A	Piyush Marga	40.00	30.00	70.00	70.00		
145	T1L7B			70.00				
146	T1L7C			70.00				
147 148	T1L8C R39	Maisthan Marga	50.00	70.00 50.00	100.00	100.00		
149	N7	Amar Marga	90.00	40.00	130.00	130.00		
150	N8	Amar Marga	120.00	40.00	160.00	160.00		
151	R26	Amar Marga	140.00	150.00	290.00	290.00		
152	T3L25A	Bhakti Marga	137.50	122.50	260.00	260.00		
153	R16, T3L36	Satya Marga	-	200.00	200.00	200.00		
154	R17, T3L35		-	100.00	100.00	100.00		
155	T3L20	Janani Marga	-	200.00	200.00	200.00		
156	N34, T3L31A		-	80.00	80.00	80.00		



	Road Number]	Length in m		Work Completed		S
SN		Name of	Prog	ress		Brick	RCC	lark
514		Road	Previous	This Month	Total	m	m	Remarks
157	T2L19W	Bhugol Marga	-	50.00	50.00	50.00		
158	T2L19V	Bhugol Marga	-	90.00	90.00	90.00		
159	T1L8B	School Marga	-	115.00	115.00	115.00		
	Total		31,626.69	4686.40	35,316.82	34,073.82	1,243.00	

Note: at One Sided Drain Road length, in total column the actual length is divided by two to make similarity with others row as in others row the length assumed for both side.



3.2. ENVIRONMENTAL ASPECT

The environment has been defined to mean surrounding area including human and natural resources to be affected by execution and after completion of works. The Contractor shall take all precautions for safeguarding the environment during the course of the construction of the works. He shall abide by all prevalent laws, rules and regulations governing pollution and environmental protection mitigation measure specified in the latest publication of "Environmental Management Guidelines" published by the GoN and Projects Environmental management plan.

The Contractor shall prohibit employees from unauthorized use of explosives, poaching wildlife and cutting trees. The contractor shall be responsible for the action of his employees. Environmental protection works, among others, shall also include the following.

3.2.1. BORROW/ QUARRY SITES

The engineer shall have the power to disallow the method of construction and / or the use of borrow or quarry area, if in this opinion, the stability and safety of the works or any adjacent structure is endangered, or there is undue interference with the natural or artificial drainage or the method or use of area will promote undue erosion.

Since the contractor has made agreement with the owner of crusher plant for the supply of required materials from the crusher, no approval for quarry and borrow sites are required till date.

3.2.2. DISPOSAL OF SPOIL AND CONSTRUCTION WASTE

Material excess of the requirements for permanent works and unsuitable materials shall be disposed off in location at Madhumara Yard and in the manner as agreed with the Engineer. The location of disposal site shall be such as not to promote instability, destruction of properties and public service system. Exposed area of such disposal site shall be suitably dressed and be planted with suitable vegetation.

The contractor has already provided the safe tipping sites and the excess materials are dumped as per the approved tipped sites. Spoil and construction wastes are disposed at Madhumara site similarly excess construction materials are stocked at Madhumara site and at the open space of north side of Degree College (Rani Site).

Provision for maintenance of Camps/Office/Stores/Equipment.

This section describes about the works related to maintenance and upgrading of labor camps, contractor's employees camp, contractor's site office, contractor's equipment store yards, contractor's equipment store yards, contractor's precast production yards. The camp should have the proper roofing system. Besides that, it should be spacious, should have proper circulation of the fresh air, should be hygienic, and should have proper electric lightening system & water supply system. It should be neat and clean.

Labor camps are provided at various locations as per requirement and these sites are frequently visited and monitored. The condition is found to be satisfactory. The details of the labor camps are as below:



S. No.	Location of Camp	Details	Remarks
1	Amar Tole, Biratnagar – 8	Three storey building in 2.5 Katha land	Have proper electric
		with 5 Nos. of toilet with facilities	lightning system,
		mentioned in bullet No.: 3.2.3 of this	water supply,
		report.	
2	Panchali, Biratnagar – 11	 Office space three & half storey building in 4.5 Katha land with 5 Nos. of toilet with facilities mentioned in bullet No.: 3.2.3 of this report. Staff quarter is of one storey building with 2 Nos. of Toilet with facilities mentioned in bullet No.: 3.2.3 of this report. Staff quarter is of three storey building but only one storey has been taken in rent, having 2 Nos. of Toilet with facilities mentioned in bullet No.: 3.2.3 of this report. 	Have proper electric lightning system, water supply,
3	Tinpaini, Biratnagar – 2	Three storey building having land area of 3 Katha with 5 Nos. of toilet and facilities in toilets are mentioned in bullet No.: 3.2.3 of this report.	Have proper electric lightning system, water supply,
4	Rani, Biratnagar – 15	 Yard space in 10 Katha land with 4 Nos. of toilet with facilities mentioned in bullet No.: 3.2.3 of this report. Asphalt plant is having 2 Biggha land possess 6 Nos. of Toilet which are going to use by the gangs of road workers fulfil the criteria mentioned in bullet No.: 3.2.3 of this report. 	Have proper electric lightning system, water supply,
5	Madhumara yard	Occupied area of 9 Katha	Have proper electric lightning system, water supply and toilets with facilities mentioned in bullet No.: 3.2.3 of this report.



3.2.3. PROVISION AND MAINTENANCE OF TOILETS

Provision of toilets for labor and employees shall be made to avoid public nuisance as well as pollution of water courses and air. The Contractor shall construct suitable septic tanks and soak pit along with rooms for pit type latrines. Sufficient water must be provided and maintained in the toilets.

Toilets have been provided at each labor camp. The contractor has been instructed to improve the toilet conditions where required.

Toilets in all the camps are found to be in the acceptable condition.

3.2.4. CRUSHING PLANTS

Crushing plants shall be located away from the population centers, water intakes, and should not disturb the sensitive echo system. Suitable dust control device should be fitted with crusher to control emission of dust from plant. The crusher plant is located at around 42 km north-east of Biratnagar at a place called Chisyang.

Since the contractor has made agreement with the owner of crusher plant for the supply of required materials from the crusher, no approval for quarry and borrow sites are required till date certainly minimize the dust pollution.

3.2.5. ASPHALT PLANTS AND BATCHING PLANTS

Hot mix plant and batching plant shall be located away from the population centers. The Contractor shall take every precaution to reduce levels of noise, vibration, dust and emission from his plants. No Bituminous material shall be discharged in to drains, nearby trees vegetation; property shall be protected during spray of bitumen etc.

As the concrete quantity of the project is very minimal, there is no need of the separate batch plant for concrete mixing. However, as there are a lot of asphalt concrete works to be done in the project, a separate asphalt plant has been installed, especially for the project, at about6 Km south of the Biratnagar DSC office at a place called Rani.

3.2.6. OCCUPATIONAL HEALTH AND SAFETY MEASURES

The contractor shall provide personnel protective equipment (PPE) (Helmet, Boots, masks, gloves, jacket, protective glasses etc.) to use. Public notification, safety and warning signs and informative signboards in working sites for work safety shall be provided. The DSC engineer and DSC Environmental safeguard expert supervise and monitor the use of PPEs and other necessary safety measures regularly.

The project is the environmental improvement project and mainly constitutes sewerage and drainage improvement works in BMC besides others. As per ADB guide-lines on Environmental Assessment requirements, this project is classified as Environment Category B. According to Environmental Protection Regulation-2054BS, First Revised (2055 BS) schedule-3, IEE is required for Operations of Sewerage Schemes under Schedule 1.h.2.e (pertaining to Rule3). The final report was submitted to MoUD on 14th May, 2013 and has already been approved.

Installation of functioning sewers and functioning drainage system including roads/lanes improvement in BMC does not possess any adverse environmental impacts to its surrounding. In fact, these will greatly enhance the living conditions/hygiene of the in habitants and facilitate transportation. Nevertheless, it is imperative to look into positive as well as negative impacts of such infrastructure development works in the urban area.



Training and awareness program regarding health, safety and disease at Labour camps and yards on 3 and 4 March 2018 by Safety Prevention Officer Er. Dhiraj Sardar.

A regular monitoring visit by DSC was carried out and a standard site specific environmental monitoring checklist was used to record the present status of the project to verify if work has been done as per EMP Guidelines. A sample of environmental checklist is attached herewith as Annex.

3.3. SOCIAL ASPECT

Regional Urban development Project (RUDP) in Biratnagar has implemented to improve the quality of life and help to achieve higher and more socially inclusive economic growth of people through effective, efficient, and reliable delivery of improved and affordable municipal services. Infrastructure development of drainage and sewerage system as well as roads and lane improvement are the major components of RUDP in Biratnagar Metropolitan City (BMC). Establishment and functioning of Social Safeguard Desk in PIU is a major milestone of social development aspect which has been effective to address all social/ community development issues and concerns with active initiation of the DSC. Local labors have been deployed in civil construction works (i.e. in Road side drain / Sub grading / Sub Base / Base works and production of precast items, etc.). The Engineer has issued the format of Social Safeguard Monitoring plan which is attached here with.

3.4. SAFEGUARD/ GESI COMPONENT

3.4.1. COMMUNITY AWARENESS:

Conduct regular Community Awareness Consultations within Project Areas to build awareness on Project Objectives, Activities and implementation during site observation, Monitoring and Meetings. Different site visit has been conducted during May, 2018 such as DDC Pre cast yard, Chyangbari Naala Biratnagar-16, Asphalt work at Sai Marg, Sewer Line construction work at Hanumandas Road and Asphalt Plant at Rani Site. Except of Minor, no any major conflict has been found during construction work. The visit was frequently conducted jointly with Environment Safeguard Expert and Social Safeguard Expert. Before commissioning of any works at any stretches, we paste the information templates at certain interval and provide sufficient information to the users regarding it.

3.4.2. GRIEVANCE REDRESSES MECHANISM:

Although many grievances were received verbally, only 9 (Nine) grievances have been registered formally which have immediately been addressed and resolved. This month, some grievances for some stretches were received verbally and were addressed immediately.

3.4.3. GENDER EQUITY AND SOCIAL INCLUSION (GESI):

Activities related to GESI has been monitored and supervised in all Construction sites. During site visit female workers were found in significant minority (20numbers) at Construction sites, thus Contractor was instructed as follow:

- i. Encourage to Local female Employment as Labor and skilled man power.
- ii. Manage separate Camp and necessary facilities for female workers to encourage of female



Employment. Camps and construction sites are regularly been monitored to find the status of working force.

3.4.4. STATUS OF SOCIAL AND ENVIRONMENTAL SAFEGUARD MEASURES

The present status to this regard has been reported as below:

During the site visit for Socio Environment monitoring by DSC Environmental and Social Safeguard Expert on date1st, 2nd and 3rd December, 2018 following issues were found. Social Safeguard revisited the site on 29th, 30th and 31st December.

- i. Efforts are being made to control dust emission at construction site by sprinkling water. As personal safety was given prime importance, construction workers were made to use helmet, globe and jacket while on the construction site.
- ii. Besides that, special attentions were given on the placement of safety board and traffic signboards, safety tools, barricades, tapes, etc. and special care were taken to make sign boards big enough to make them visible from distant.
- iii. Taking into consideration of the fact that the involvement of the significant numbers of female as employee in ADB project is the main project objective of ADB, contractor paid especial attention to have a separate toilet and separate labor camp for female that facilitates and encourages female to get work in the construction field.
- iv. Significant improvement was found to be done in health and sanitation issues in the labor camp than in the previous monitoring visit; like, quality and quantity of drinking water was improved and condition of toilet was found to be enhanced. However, to meet the sanitation condition to predetermined level, further instructions were given by contractor to make provision for sufficient water in toilet and soap for hand-wash. Furthermore, yard in charge was suggested to have sufficient medications, bandages and other necessary first aid equipment's.

The implementation of Social and Environmental Safeguard measures during this month were found partially satisfactory.

3.4.5. STATUS OF RELOCATION OF SERVICES

Relocation of water supply pipe lines areongoingatR7 (Tinpaini to Sanihat), R3 (R2 to DUDBC Office), T3L22A, T3L22B, R7 & R24, etc. and water supply relocation works were completed at B1, T3L39, T3L39 Branch, T3L39A, T3L39B, T3L21, T3L23C, R44 (R2 to R7), R43 (R7 to R3) & R181, etc. The supply has been providing temporarily as per site condition and where required.

Relocation of electric poles completed atT3L5, T3 Trunk, R46, R7, R84, T2L18A, T2L18C, T2L18D, R35, Rani, R16, T3L21, T3L39 & T3L39Aetc.and ongoing lanes are N38, N7, T3 Trunk & Rangeli road, etc.

Labour class	La	bour	Composition		Ethnic composition				
	Skilled	Unskilled	Male	Female	Janjati	Dalit	Muslim	Madhesi	Brahmin/ Chhetri
Local	18	77	95	0	9	11	0	75	0

Table – 5	Status	of Labor	at Site
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Labour	Labour		Composition						
class	Skilled	Unskilled	Male	Female	Janjati	Dalit	Muslim	Madhesi	Brahmin/ Chhetri
Non local	77	276	333	20	66	68	48	171	0
Indian	0	0	0	0	0	0	0	0	0
TOTAL	95	353	428	20	75	79	48	246	0



Monthly Progress Report Table – 6: DISBURSEMENT RECORDS in CONSTRUCTION

3.5. FINANCIAL PLAN

The Sub-project cost will be disbursed in three years starting from FY2074/2075 to 2076/2077

3.5.1. DISBURSEMENT RECORDS IN CONSTRUCTION

S. No.	Description	Submission date	Covering date	Submitted Amount(NRs)	Remarks
1	IPC 01	15 th October 2017		339,105,000.00	Mobilization Advance
2	IPC 02	2 nd April 2018	2nd November 2017 to 31st March 2018	261,501,492.21	
3	IPC 03	1 st July 2018	1st April 2018 to 30th June 2018	316,582,708.58	
4	IPC 04	1 st October 2018	1st July 2018 to 31st September 2019	105,227,887.16	
5	IPC 05	2 nd December 2018	1st October 2018 to 30th November 2018	95,951,603.44	
6	IPC 06	31 st January 2019	1st December 2018 to 31st January 2019	264,937,394.98	
7	IPC 07	12 th April 2019	1st February 2019 to 31st March 2019	308,805,662.97	
8	IPC 08	9 th May 2019	1st April 2019 to 30th April 2019	106,210,198.68	
9	IPC 09	10 th June 2019	1st May 2019 to 31st May 2019	90,419,375.33	
10	IPC 10	11th July 2019	1st June 2019 to 30th June 2019	67,863,056.59	
11	IPC 11	30 th September 2019	1 st July 2019 to 30 th September 2019	95,296,297.30	
12	IPC 12	3rd November 2019	1st October 2019 to 31st October 2019	53,113,369.86	
13	IPC 13	30th November 2019	4th June 2019 to 30th June 2019	125,965,923.87	



S. No.	Description	Submission date	Covering date	Submitted Amount(NRs)	Remarks
14	IPC 14	31 st December 2019	1st December 2019 to 31st December 2019	63,509,092.84	
	amount exclud ization advanc	0		1,955,384,063.81	

Note: The contractor asked for claim under categories like idle manpower, idle equipment, interest on delay payment, works hampered due to events occurred during various Banda, site possession not available on time and disputes of right of way pursue to clause 2.1, 8.4, 14.8 and 20.1 of GCC/PCC and those are under perusal.



4. OBJECTIVES AND SCOPE OF WORKS

4.1. OBJECTIVES

The following are the expected physical infrastructure improvement outputs of the project in Biratnagar:

- Drainage and sewerage systems improvement.
- Urban roads and lanes improvement.

Reference to the deliverables identified in the Project, indicates that there are a number of deliverables related specifically to the design aspects of the above infrastructure improvements with construction works.

4.2. SCOPE OF WORKS

The scope of works for consultant's services is fairly detailed in the TOR attached with contract Agreement. The main points are summarized below:

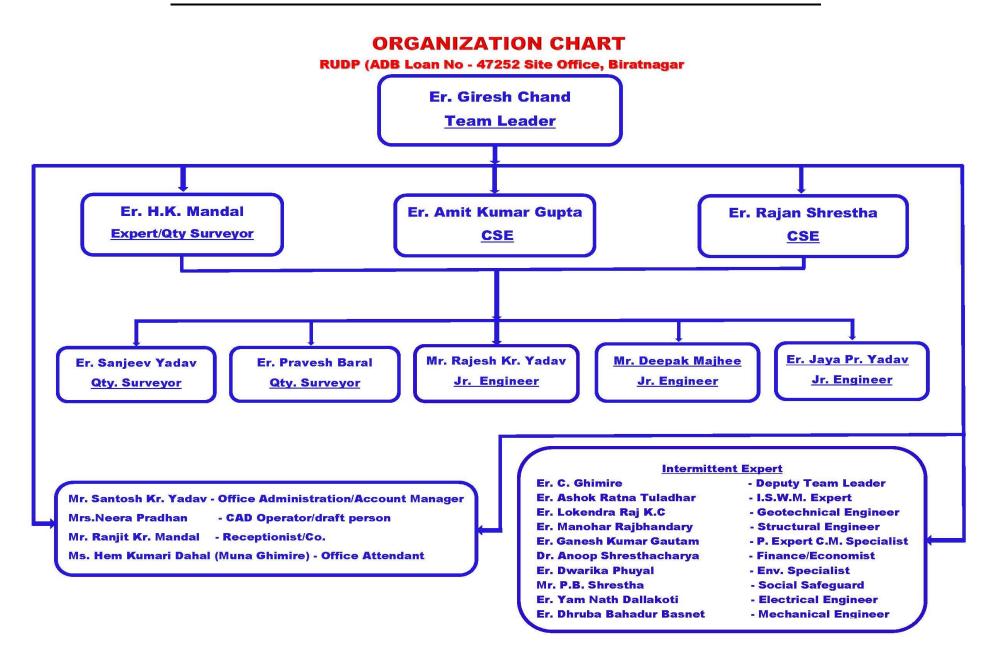
- Detailed Design and Procurement Assistance Phase for integrated solid waste management design (ISWM)
- Monthly progress report and quarterly progress report.
- Semi- annual Environmental monitoring report.
- Semi-annual Safeguard monitoring report.
- Annual progress report including annual Environmental / Social safeguard monitoring report, assets.
- Detailed draft final report for our inputs, including to assist the PIU (Employer), status of all supervision and construction works issues, all deliverables under the contacts.
- Sub project completion report, and summary of all other reports, progress and issues under the project.



4.3. ORGANIZATION AND STAFFING

Attached







4.4. CONSULTANT'S ACTIVITIES IN CONSTRUCTION PHASE

SN	Name	Designation	Joining date	Remarks
1	Mr. Giresh Chand	Team Leader	6 th Sep 2017	
2	Mr. Ashok Ratna Tuladhar	ISWM (Designer)	6 th Sep 2017	Intermittent
3	Mr. Dwarika Phuyal	Environmental Safeguard Expert	1 Nov 2017	Intermittent
4	Mr. Prakash Bhakata Shrestha	Social Safeguard Monitoring Expert	26 th dec-2017	Intermittent
5	Mr. Hare Krishna Mandal	Expert/Quantity surveyor	1 st Nov 2017	
6	Mr. Amit Kumar Gupta	Construction Supervision Engineer	1 st March 2018	
7	Mr. Rajan Shrestha	CSE/Quantity Surveyor	7 th Nov 2017	Working as CSE from 1st May 2019.
8	Mr. Rajesh Kumar Yadav	Junior Engineer-1	6 th Sep 2017	
9	Mr. Sanjeev Yadav	Qty. Surveyor	5 th Nov 2017	
10	Mr. Santosh Kumar Yadav	Office Administration/Account Manager	6 th Sep 2017	
11	Mr. Hem Kumari Dahal (Muna Ghimire)	Office Attendant	6 th Sep 2017	
12	Mr. Ranjit Kumar Mandal	Receptionist	10 th Dec 2017	
13	Mr. Pravesh Baral	Junior Engineer-2	10 th Dec 2017	
14	Mr. J.P Yadav	Junior Engineer-3	1 st March 2018	
15	Mr. Deepak Majhi	Junior Engineer-4	1 st March 2018	
16	Mrs. Neera Pradhan	CAD operator/Draft Person	10 th Dec 2017	
17	Mr. Yubraj Poudel	Driver	10th Feb-2019	

The current staffing of the consultant at project site is as follows:

The consultant has been constantly supervising the contractor's work in daily basis. The consultant is mainly focusing in construction management, contract administration and the following activities but not limited as listed below:



- i. Daily Construction supervision/Surveying works etc.
- ii. Quality control, cost control and time control
- iii. Measurement and Certification of Interim Payment Certificates (IPC)
- iv. Modification and design of Road side drain, storm drainage and sewer lines, manholes etc. as per site condition and approve working drawings as discussed/advised by employer.
- v. Supervise construction material testing and sampling
- vi. Monitor Environment Management Plan and its compliance
- vii. Monitor Social safeguard and Resettlement Plan and its compliance
- viii. Prepare Due Diligence Report of the Project
- ix. Maintain correspondences with the Employer and the Contractor
- x. Assisting PIU



5. PROGRESS OF SUB – PROJECT COMPONENTS

5.1. CONSTRUCTION MATERIALS.

Before using any construction material in the project, as per clause 7.3, engineer gave prior notice to contractor for joint inspection of the construction materials and all materials have been jointly checked and verified. Team leader issued letter to contractor to do the lab test of the construction materials from the authorized organizations and lab reports of the tested materials have been submitted by contractor. Engineer has emphasized on the production of the pre-cast item like (Kerb stone, drain cover slab, manhole etc.) for better work progress of the project. The Contractor has established three production yards at Koshi project and Madhumara camp for pre-cast items like Kerb stone, drain cover slab, sewer precast elements, etc. but as more than 80% work done so that the production yard at Koshi project has been closed but production at Madhumara camp is going on.

The Contractor has informed to borrow RCC NP-3 pipes from Itahari Hume pipe factory or other location and also requested for three Edge bearing test. It has been tested in presence of consultant TL, PIU and contractor representative, as construction of sewer lines are completed so no more RCC NP-3 pipes needed.

Month	Target This Month			Achievement This Month		Leading		Lagging	
Month	Monthly	Accumulated	Monthly	Accumulated	Monthly	Accumulated	Monthly	Accumulated	Remarks
July-18	0.15%	25.17%	0.78%	25.18%	0.63%	0.01%			Leading
August-18	0.15%	25.32%	2.32%	27.50%	2.17%	2.18%			Leading
September-18	5.71%	31.03%	1.22%	28.72%				-2.31%	Lagging
October-18	7.72%	38.75%	2.30%	31.03%				-7.72%	Lagging
November-18	7.72%	46.47%	5.20%	36.22%				-10.25%	Lagging
December-18	7.95%	54.41%	3.40%	39.62%				-14.79%	Lagging
January-19	7.96%	62.37%	5.65%	45.27%				-17.10%	Lagging
February-19	7.96%	70.33%	5.11%	50.38%				-19.95%	Lagging
February-19 (after Revision)	5.33%	50.03%	5.11%	50.38%		0.35%			Leading
March -19	7.75%	57.77%	7.84%	58.21%		0.44%			Leading
April-19	6.82%	64.59%	4.53%	62.74%				-1.85%	Lagging
May-19	6.49%	71.08%	4.54%	67.28%				-3.80%	Lagging
June-19	3.95%	75.03%	2.05%	69.33%				-5.70%	Lagging

5.2. PROGRESS ACHIEVED TILL DATE



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Regional Urban Development Project (RUDP)

Table 8: KEY DATES of EVENTS / ACTIVITIES Monthly Progress Report

Month	Target This Month		Achievement This Month		Leading		Lagging		Remarks
Wonth	Monthly	Accumulated	Monthly	Accumulated	Monthly	Accumulated	Monthly	Accumulated	Kemarks
July-19	3.90%	78.93%	2.19%	71.52%				-7.41%	Lagging
August-19	4.97%	83.90%	2.01%	73.53%				-10.37%	Lagging
September-19	7.45%	91.35%	4.97%	78.50%	NA	NA	-2.48%	-12.85%	Lagging
October-19	8.56%	99.91%	1.14%	79.64%	NA	NA	-7.42%	-20.27%	Lagging
November-19	0.09%	100.00%	0.33%	79.97%	0.24%	NA	NA	-20.03%	Lagging
December- 2019 (after Revision-2)	5.00%	72.98%	5.14%	73.12%	0.14%	0.14%	NA	NA	Leading
January-20	6.00%	78.98%	10.62%	83.74%	4.62%	4.76%	NA	NA	Leading

5.3. KEYEVENTS

The consultant has noted the following key dates for this month.

S. No.	Date	Activities/Events	Remarks
1		Frequent visit of sites by the representatives of the employer.	
2	30 th January 2020 – 2 nd February 2020	Site visit by BDA representatives Mr. Arun Swami, Chairman, Mr. Sudip Paudel, Executive Director and Mr. Anil Nepal, Director with their team of STIUEIP & RUDP, Biratnagar.	



6. DETAILS OF PRE CAST ACTIVITIES.

	Physical Progress till date										
			I	Progress							
S.N.	Description Uni		BoQ	Up to Previous month (RM.)	This Month (RM.)	Total to Date (RM.)	Remarks				
1	Precast Slab	No		81,871.00	4,080.00	85,951.00	Under progress				
2	Kerb Stone	Rm	147,729.68	96,293.30	2917.50	99,210.80	67.15%				

			Physical P	Progress till	date		
				Progress			
S.N.	Description	Diameter (mm)	BoQ (RM)	Up to Previous month (RM.)	This Month (RM.)	Total to Date (RM.)	Remarks
1	RCC Pipe	300	336.00	336.00	-	336.00	
2	RCC Pipe	450	681.00	681.00	-	681.00	
3	RCC Pipe	500	842.00	842.00	_	842.00	
4	RCC Pipe	600	382.00	382.00	-	382.00	
	Total						

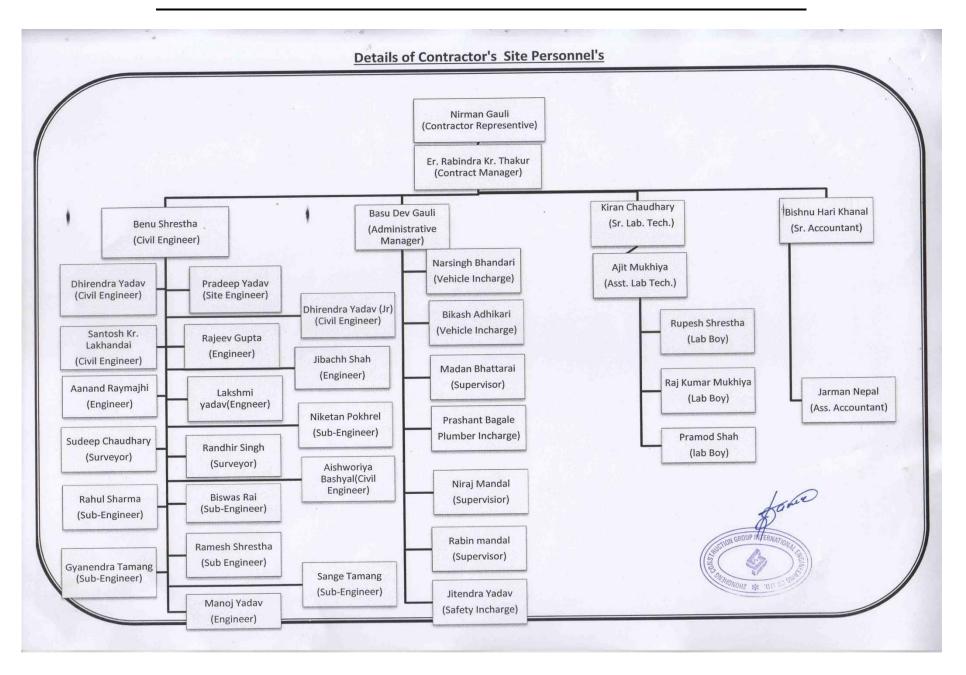


Table 11: RHYSICAL PROGRESS in PROBUCTION/PURCHASE OF UPPE Ring till, 2020 date:

		j	Physical Pro	gress till da	te		
				Progi	ress		
S.N.	Description	Diameter (mm)	BoQ (RM)	Up to Previous month (RM.)	This Month (RM.)	Total to Date (RM.)	Remarks
1	HDPE Pipe	110.00	1,987.20	4,487.20	-	4,487.20	
2	HDPE Pipe	200.00	16,656.00	16,500.00	-	16,500.00	Under process
3	HDPE Pipe	250.00	115.00	450.00	_	450.00	
	Total						

		Phys	sical Progre	ess till date			
				Prog	ress		
S.N.	Description	Diameter (mm)	BoQ (RM)	Up to Previous month (RM)	This Month (Rm.)	Total to Date (RM.)	Remarks
1	UPVC Pipe	160.00	5,050.00	5,050.00		5,050.00	
2	UPVC Pipe	110.00	5,050.00	5,050.00		5,050.00	







7. CONTRACTOR'S MANPOWER

S.No.	Position	Minimum Number Required as per Contract	ZHONGHENG CONSTRUCTION Group	Remarks
1	Project/Contract Manager (1 No) 15/10 Yrs. (Total/Similar Exp.)	1	1	
2	Civil Engineer-10/6	2	2	
3	Sanitary Engineer- (1no.)-12/8	1	-	
4	Road Engineer-(1no.)-12/8	1	1	
5	Electromechanical Engineer-(1no)- 10/5	1	-	
6	Safety Engineer	-	1	
7	Site Engineer	-	8	
8	Sub- Engineer	-	7	
9	Accountant	-	3	
10	Lab Technician	-	6	
11	Store Keeper	-	1	
12	Vehicle In charge	-	2	
13	Skilled Labors		95	
14	Unskilled Labors		353	



8. CONTRACTOR'S EQUIPMENT

S. No.	Equipment Type and Characteristics	Min Number required as per Contract	ZHONGHENG CONSTRUCTION Group	Remarks
1	Excavator (200 above)	5	1	Backhoe loader-9 nos.
2	Crane (10 ton capacity)	3	-	
3	Asphalt plant of adequate capacity	1	1	
4	Asphalt pavers	1	1	
5	Vibrating roller	2	4	Among 4nos., 2ton rollers-2nos.
6	Pneumatic tyre roller 8 to 10 ton	2	1	
7	Smooth wheeled roller 8 to 10 ton	1	1	
8	Grader	1	3	
9	Track Dozer (120 to 180 HP)	1	-	
10	Bitumen distributor (4 to 6 Kilo Litres)	1	1	
11	Water browser (minimum 5000 Litres)	3	9	
12	Chips spreader	1	-	
13	Bitumen decanter minimum 4000 Litres. (preheating container)	2	2	
	Air compressor	2	2	
14	Tipping Trucks	5	2	
15	Service vehicle	15	4	
16	Survey equipment (Total station with accessories)	2	1	
17	Theodolite	1	-	
18	Levelling	2	27	



S. No.	Equipment Type and Characteristics	Min Number required as per Contract	ZHONGHENG CONSTRUCTION Group	Remarks
19	Mobile Generator 15-20 KVA	5	10	
20	Mixer Machine	3	5	
21	Concrete Batching Plant	1	-	
22	Concrete pump	1	-	
23	Drain cleaner/ Nala cleaner	2	-	
24	Broomer	_	1	
25	Motor Bike	-	11	
26	Plate Compactor	-	5	
27	Water Pump	-	14	

9. WORK PLAN FOR THE NEXT MONTH

Following are the Contractor's works in the next month program.

- Detail Surveying works at various Road sections.
- Road works
- Precast elements production works at contractor's yard.
- Road Side drain works.
- Laying of Kerb Stone, cover slab and interlocking tiles.
- Placement of Sewer inlet and House Connection works.
- Relocation of electric poles and water supply works, etc.



ANNEX-1: Photographs of January, 2020



<u>Regional Urban Development Project (RUDP)</u>



Relocation of electric poles at Hospital chowk in Rangeli road



Road painting at R2





In situ drain cover casting at Rangeli road



Pipe laying for HCC at R110





Brick drain at Kanchha dai Marga



Brick drain at T1L8B (School Marga)



ANNEX-2: Minutes of Meeting January, 2020

Not Any



ANNEX-3: Laboratory Test Results of January, 2020 ATTACHED



		Page no 1 of 1	A	Bt Tray Test Lit/m2	000	0.55		0.50	0.54		0.53	0 51	10.0	0.49	/					BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PYT-LTD AND PLUS ENGINEERS & ARCHITECTS/(ANTHD/4/2)THMANDII, MEDA		Approved By Team Leader
			Application Rate	By Dip Lit/m2 0.55		0.60		0.56	0.56		0.55	0.58	0000	0.51	>	711.2			int	-DING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE W B.N. CONSULTANCY PYT-LTD AND PLUS ENGINEERS & ARCHITECTS/(ANTHE/42ATHMANDUL MEDA)	PLUS	JIV
			Bitumen	400		250	1000	000	500		150	400		300		According to Road Note -3, Section 711			Consultant	Y PVT-LTD /	AULA	A Biratnaua
JECT	0AT		Total	733.40		418	1797 75		889.60		270.30	688.75		584.20		d Note -3				ESIGN AUT NSULTANC RCHITECTS	A ngisa	
Biratnagar Metropolitan City Contract No: RUDP/ICB/BRT-02	SUMMARY FOR THE MONTH OF JANUARY-2020		Intersection Area m2	0		0	0		0		0	0		0		g to Roa	n 1.020			BUILDING D B.N. CO A	AN IN	Verified By Expert Qty Surveyor/CSE H.K. Mandal/Raian Sheetha
Biratnagar Metropolitan City Contract No: RUDP/ICB/BRT-02	CUNCK TC		Area of Tack coat	733.4		418	1797.75		889.6		270.3	688.75		584.2		Accordin	Specific Gravity of Bitumen 1.020				1	
UKBAN U ratnagar N tract No: R	FOR THE N	Cido of	Tack coat	BHS		BHS	BHS		BHS		013	BHS		BHS			c Gravity			ONAL ENGINEERING CO. LTD	0	Subwitted By Contract Manager Rabindra Kr. Thakur
Bilv Applied	SUMMARY FOR THE MONTH OF JANUARY-2020	Station	to	0+193		0+110	0+255		0+160	04005	600.0	0+145		0+127		10 to 0.60Lit/M2	Specifi			ONAL ENG		
	ă l	St	From	000+0		000+0	000+0		000+0	00040		000+0		000+0		bat is 0.4		Centractor	LU. S. CHINGER	INTERNAT		
		Date of	Tack coat	22-Jan-20		22-Jan-20	22-Jan-20		23-Jan-20	23-Jan-20		23-Jan-20		23-Jan-20		Required tack coat is		Cent	1 cellino cu	ON GROUP	/	
	Type of Bitumen:80/100 P.G	l oration		R-15	CIN	7-11	R-4		GUT-XI	T3L11M		R-84		R-83		Require				ZHONGHENG CONSTRUCTION GROUP INTERNAT	MC	Checked By Engineer Dhirendra Yadav
	ype of E	S.N.		-	2	-	3		+	5		9	,	-						SHONG		



		Page no 1 of 2	Application Rate	Bt Tray Test Lit/m2	0.51	0.54		0.49	0.52									BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (PLCTR) XATHMANDI1 NEPAI	~	Approved By Team Leader
			4	ByD	0.60	0.57		/c.u	0.59)			711.2			ant	-DING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE W B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (PLTTD, KATHMANDI1 NEPAI	AND NIPL	
			Bitumen	Consumption	nne	600	000	2002	125	4225				According to Road Note -3, Section 711.2			Consultant	THORITY (P) Y PVT. LTD S (PYLTD X	1010	* Biratmaga
	20		Total	Area MZ	000000	1058.5	350.00	00000	212.50	Total	1. A. A.			d Note -3				DESIGN AUT	X	
City SRT-02	ANUARY-20		Intersection	0 0	,	0	c	,	0					g to Roa	n 1.020			BUILDING D B.N. CO	Anor	Verified By Verified By Expert Qty Surveyor/CSE H.K. Mandal/Raian Shrestha
etropolitan UDP/ICB/F	ONTH OF J		Area of Tack coat	496		1058.5	350		212.5					Accordin	of Bitume			O. LTD	2	10
Biratnagar Metropolitan City Contract No: RUDP/ICB/BRT-02 plication Rate Check for TACI	SUMMARY FOR THE MONTH OF JANUARY-2020		Side of Tack coat	BHS		BHS	BHS		BHS						Specific Gravity of Bitumen 1.020			ENGINEERING CO. LTD		Subwitted By Contract Manager Rabindra Kr. Thakur
Biratnagar Metropolitan City Contract No: RUDP/ICB/BRT-02 Daily Application Pate Check for TACY COAT	SUMMARY		Station to	0+100		0+145	0+020		0+020					0.40 to 0.60Lit/M2	Specif	K	VICHER.	TONAL ENG		
ä			Sta From	000+0		000+0	000+0		000+0							an 170. 22 7110	Contractor	INTERNAT		
			Tack coat	24-Jan-20		24-Jan-20	24-Jan-20		24-Jan-20					Required tack coat is			non	ON GROUP		
	Type of Bitumen:80/100 P.G		Location	T3L10C		R-3	T3L21A		T3L19A					Require				ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL	M	Carecked By Engineer Dhirendra Yadav
	ype of E	SN		8		6	10		5	-		-	-					ZHON		

			Page no 1 of 1	Application Rate Application Rate	1.02 1.04	1.06 1.03			1.07 ->> 1.03	1.03 1.01	1.04	104 103		1.03	en 1.020		BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, XCOPHMAKDU, NEPAL	Approved By Team Leader
INTERIO	ork	RY 2020		Bitumen Consumption (1 tr)		1900	375	225	950	700	1150	850	750	202	Specific Gravity of Bitumen 1.020	Consultant	JTHORITY (P) LTD IN JOINT LTD AND PLUS ENGINEER LTD, KAPPINKNDU, NEPAL	Sad Brithing
ity T and t a	1-02 Priming w	DE JANUA		Total - Area M2	440.00	1797.75	350.00	212.50	889.60	680.00	1065.80	816.39	688 75		Specific G		DESIGN AU NNCY PVT. I	
Biratnagar Metropolitan City	heck for F	MONTH C		Intersection Area m2	0.00	0.00	0.00	0.00	00:00	0.00	0.00	0.00	00.0		5%		BUILDING I	Verified By Expert Oty Surveyor/CSE
Biratnagar Metropolitan City	CONTRACT NO: KUDP/ICB/BKI-02 olication Rate Check for Prim	SUMMARY FOR THE MONTH OF JANUARY		Area of Priming (m2)	440.00	1797.75	350.00	212.50	889.60	680.00	1065.80	816.39	688.75		it 1.0 Lit/N		IEERING	
Bira	Daily Application Rate Check for Priming work	SUMMARY		Side of Priming	Both side	Both Side	Both Side	Both Side	Both Side		on for Prime coat 1.0 Lit/M2 ±		ONAL ENGIN	Submitted By Contract Manager Rabindra Kr. Thalaur				
	Daily			on to	0+110	0+255	04070	0+050	0+160	0+170	0+146	0+193	0+145		ation for	UD. * ZHONG	TERNATIO	
				Station From	000+0	000+0	000+0	000+0	000+0	000+0	000+0	000+0	000+0		pecifica	Contractor	SOLP IN	
		00 P.G	C 70:MC30	Date of Priming	10-Jan-20	10-Jan-20	11-Jan-20	11-Jan-20	16-Jan-20	16-Jan-20	17-Jan-20	18-Jan-20	19-Jan-20		Required specificati	ŭ	TRUCTION G	
		Type of Bitumen:80/100 P.G	Cutter Percentage:MC 70:MC30	Location	N-2	R-4	T3L21A	T3L39A	R-105	T3L25C	R-3	R-15	R-84				ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL ENGINEERING	Engineer Dhirendra Yadav
		ype of	Cutter P	N ON	-	2	e	4	5	9	2	~	6				SHONG	Eng

					Annlication Bate Anni	By Deep Ltr/m2 Bt Tray Test Ltr/m2	1.03 1.04		1.04	01 1.03	05 103		1.03	1.05		1.04		000		CONSULTANT BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD. KATHMANDU NEPAI	Approved By Team Leader Giresh Chand
					Annlinat	By Deel	1.		-	1.01	1.05		1.08	1.07	1 00	-	P	h nem		D IN JOIN ENGINEE	
Biratnagar Metropolitan City		vork	14RV 2020		Bitumen	Consumption (Ltr)	850	275		500	1050		2100	675	850	13650		Specific Gravity of Bitumen 1 020		JTHORITY (P) LTD IN JOINT LTD AND PLUS ENGINEEF LTD. KATHMANDU, NEPAI	Contraction of the second seco
lity I	T-02	Priming v	OF JANI		Total	Area M2	825.00	270.30		496.00	996.00		1944.00	628.20	787.20	Total		Specific (DESIGN AL	A and
ropolitan C	DP/ICB/BR	heck for I	E MONTH		Intersection	Area m2	0.00	0.00		0.00	0.00		0.00	0.00	0.00			5%			Expert Oty Surveyor/CSE H.K. Mandal/RajanShrestha
Biratnagar Metropolitan City	Contract No: RUDP/ICB/BRT-02	Daily Application Rate Check for Priming work	SUMMARY FOR THE MONTH OF JANIJARY 2020		Area of	Priming (m2)	825.00	270.30		496.00	00.966		1944.00	628.20	787.20			at 1.0 Lit/M		VEERING	
Bira	Contr	y Applicat	SUMMAF		Side of	Priming	Both side	Both Side		Both Side	Both Side	Dett City	anic inco	Both Side	Both Side			Prime co		RNATIONAL ENGINEERING	Submitted By Contract Manager Rabindra Kr. Thakur
	:	Dail				to	0+100	0+085	0.400	01100	0+220	UFCTU	0	060+0	0+192			tion for	ZHONGHEAL	UP INTERNAT	
			•		Station	From	000+0	000+0	UUUTU		000+0	0+000		000+0	0+000			pecifica	Contractor 2	GROUP IN CO.LTD	
			100 P.G	C 70:MC30	Date of	6um	20-Jan-20	21-Jan-20	21-lan-20		23-Jan-20	24-Jan-20		25-Jan-20	25-Jan-20			Required specification for Prime coat 1.0 Lit/M2 ±	ő	TRUCTION	
			Type of Bitumen:80/100 P.G	Cutter Percentage:MC 70:MC30	Location	D 46	0 1 -2	T3L11M	T3L10C		R-45	R-46		T3L39	R-181A					ZHONGHENG CONSTRUCTION GROUP INTE CO. LTD	Checked By Engineer Dhirendra Yadav
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<u>January, 2020</u>

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		<u>S1</u>	ummary Sheet of M	onthly Test Repo	<u>rt</u>				
			*			Mor			nuary 2020
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		1	Location:-R-181A			Mate	rial	Sub	grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remarl
1	RUDP-SG-01	R-181A,(0+100)	Existing Road	2-Jan-20	1.941	6.80	7.46	4.90	
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Dun	chula lauav		Rabindra Kr. Thakur	H.K. Mandal/Rajan S	hrestha		Giresh	Chand	



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ě.,		I	Biratna	gar M	etropolita	an City		LUI	
		(UDP/ICB			/	-
			Summar	y Sheet (DI Fleid Dens	ity Test	Month	Janu	
					Year	202			
			Loca	tion:-R-1 Moistur	e content %	Densit	Type of Material ty(gm/cc)	Sub-Grade Compaction %	
Sn.	Lab.Ref.no	Testing Date	Chainage			Max.Dry	Field Dry	Compac	
				OMC%	Field MC%	density	density,	Compaction	Specifie
						gm/cc	gm/cc	%	%
1	RUDP-SG-FD-1, R/S		0+050	6.80	6.74	1.941	1.853	95.49	95
2	RUDP-SG-FD-1, L/S RUDP-SG-FD-1, L/S	6-Jan-20	0+080	6.80	7.65	1.941	1.893	97.55	95
4	RUDP-SG-FD-1, L/S	6-Jan-20	0+120	6.80	7.87	1.941	1.902	97.99	95
7	KUDF-50-FD-1, K/S	6-Jan-20	0+180	6.80	7.62	1.941	1.851	95.37	95
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	UP INTERNATION	IONO NOITON			1	18/	151		
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			Contract M Rabindra Kr	act Manager Expert Qty Surveyor/CSE Ira Kr Thakur H.K. Mandal/Rajan Shrestna			Team Leader		
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Regional Urban Development Project (RUDP)

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		<u>S</u>	ummary Sheet of M	Ionthly Test Repo	rt			/	/	
			Month:		January					
	Location:-R-3							2020 Sub grade		
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Rema	
1	RUDP-SG-01	R-3,(5+500)	Existing Road	1-Jan-20	1.966	7.50	9.41	6.84		
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ZHON	GHENG CONS	TRUCTION GROUP	VENTURE WITH B.N. CONSULTANCY PVT. LTD AN							
	EN	EINEERING CO. LT	PLUS ENGINEERS & ARCHITECTS (P) LTD,							
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ć	hecked By		Submitted By	Verified By	Biratnagar					
Subinitied By				Expert Qty surveyor	Approved By Team Leader					
Dhirendra Yadav Rabindra Kr. Thakur				Hk Mandal/Dalar O		Giresh Chand				

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		1	Contract	No:- R	UDP/ICB/	BRT-02	,		
					of Field Densi			/	/
						[Month	Janu	ary
			·	cation:-R			Year	202	
			Log	Moistur	e content %	Dens	Type of Material sity(gm/cc)	Sub-G Compac	rade
~						Max.Dr		Compac	
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	density		Compaction	Specified
						gm/cc		%	%
1	RUDP-SG-FD-1, L/S	2-Jan-20	5+480	7.50	7.16	1.966	0	97.58	95
2	RUDP-SG-FD-1, C/L	2-Jan-20	5+500	7.50	7.98	1.966	1.880	95.63	95
3	RUDP-SG-FD-1, C/L	2-Jan-20	5+550	7.50	7.39	1.966	1.913	97.29	95
4	RUDP-SG-FD-1, R/S	2-Jan-20	5+580	7.50	7.21	1.966	1.922	97.79	95
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	Checked By		Submitt	ed By	Verified	By		Approved By	
	Engineer		Contract M	Manager	Expert Qty Surv	eyor/CSE		Team Leader	
	Dhirendra Yadav		Rabindra K	r Thakur	H.K. Mandal/Raja	- Chroatha		Giresh Chand	



	REG	Co	ratnagar Me ontract No:- RI	tropolitan Ci JDP/ICB/BRT	ity -02	PRO	OJE	CT	
		<u>S</u>	ummary Sheet of N	Ionthly Test Repo	rt			/	/
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						Ye		2	.020
			Location:-R-8			Type Mate		Sub	grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remai
1	RUDP-SG-01	R-8,(0+080)	Existing Road	3-Jan-20	1.958	7.15	7.01	6.94	
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	- Maria Santa		î						N
		Contractor			6				
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HON	GHENG CONS	TRUCTION GROUP	INTERNATIONAL	BUILDING DES VENTURE WITH	HRN C	ONSULT	ANCH	DUT IN	JOINT
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New York	2ha		An	Hendax	RU	DP	AK	/	
	hecked By		Submitted By	Verified By	* Bira	thage	Appro	ved By	actif.
	Engineer endra Yadav		Contract Manager	Expert Qty surveyor	/CSE		Team L		
Dune	enura rauav	1	Rabindra Kr. Thakur	H.k. Mandal/Raian S	hrestha		Giroch	Chand	



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							Month	Janu	arv
			La	cation:-R	0		Year	202	
-			Loc	Moistur	e content %	Density	pe of Material	Sub-G Compac	
Sn.	Lab.Ref.no					Max.Dry	Field Dry	Compac	
511.	Lao.Kei.no	Testing Date	Chainage	OMC%	Field MC%		density,	Compaction	Specifie
						gm/cc	gm/cc	%	%
1	RUDP-SG-FD-1, R/S		0+020	7.15	6.60	1.958	1.891	96.57	95
2	RUDP-SG-FD-1, L/S		0+080	7.15	7.36	1.958	1.884	96.21	95
3	RUDP-SG-FD-1, C/L	6-Jan-20	0+120	7.15	7.06	1.958	1.911	97.62	95
4	RUDP-SG-FD-1, R/S	6-Jan-20	0+140	7.15	7.68	1.958	1.889	96.45	95
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	Con	ractor					Consultant		
ZHO		ON GROUP F ING CO. LTD	TERNATI	ONAL	BUILDING D WITH B.N. C & ARC	ESIGN AUTH ONSULTANC CHITECOS (P	YPVT. LTD) LTD, KATH	TD IN JOINT AND PLUS EN IMANDU, NEP	VENTURE GINEERS AL
4	Sha		A	2	1 pen Os		DP use	чб	
	Checked By Engineer		Submitte		Verified 1		ratnagar	Approved By	
	Dhirendra Yadav		Contract M Rabindra Kr		Expert Qty Surve .K. Mandal/Rajar			Team Leader	

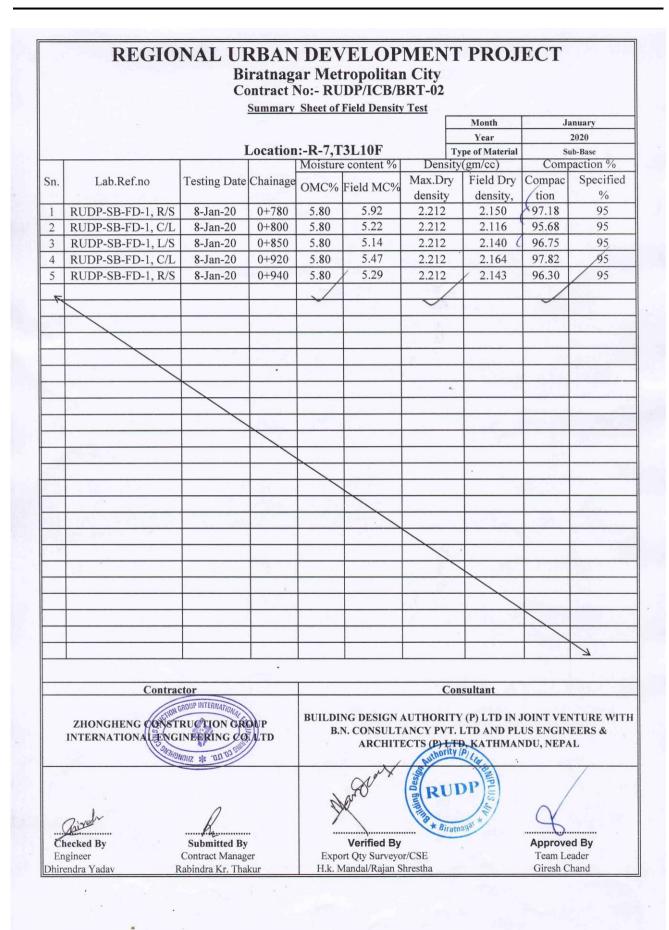


	KEG		RBAN DEV ratnagar Met ontract No:- RU ummary Sheet of M	tropolitan C JDP/ICB/BRT	ity -02	PRO)JE	СТ	
			2			Mon	th:	Jai	nuary
						Yea		2	020
			Location:-N-38			Type Mater		Sub	grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remar
1	RUDP-SG-01	N-38,(0+150)	Existing Road	2-Jan-20	1.963	7.00	8.47	6.80	
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	. 4	Contractor			Co	nsultant			_
HONG	GHENG CONS	TRUCTION GROUP	INTERNATIONAL D	BUILDING DES VENTURE WITH PLUS ENGI H	I B.N. CO	DNSULT A	ANCY I	PVT. LT	D ANI
And C	M			werder	RU RU	DP AN SUL		K	
	ecked By ngineer			Verified By	* Bi	ratnay.	pprov		S#
	ndra Yadav	R	Contract Manager I Rabindra Kr. Thakur I			1	eam Le Giresh (1000 C	



	REGI	ONAL I	IDRA	NDE	VELO	DATES	T PRO		
	ALUI		Riratna	oor M	VELU	PIVIER	T PRO	JECT	
			Contract	t No:- R	etropolita UDP/ICB/	An City			
			Summar	v Sheet	of Field Densi	DKI-02			
			24		D VIII	Γ	Month	Janu	
			Loc	ation:-N	20	F	Year	202	20
				Moistur	e content %	Densi	Type of Material ty(gm/cc)	Sub-G	
Sn.	Lab.Ref.no	Testing Date	Chainage		Field MC%	Max.Dry density	Field Dry	Compac	Specifie
-					- tota trice / o	gm/cc	density, gm/cc	Compaction	%
1	RUDP-SG-FD-1, L/S	6-Jan-20	0+030	7.00	7.28	1.963	1.908	97.18	05
2	RUDP-SG-FD-1, C/L	6-Jan-20	0+065.	7.00	7.93	1.963	1.888	96.18	95 95
3	RUDP-SG-FD-1, L/S	6-Jan-20	0+120	7.00	7.53	1.963	1.908	97.20 .	95
4	RUDP-SG-FD-1, R/S	6-Jan-20	0+180	7.00	7.58	1.963	1.923	97.99	95
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1	TUDN G	ROUP INTERN	10						
	Cont	actor					Consultant		
CHO	NGHENG CONSTRUCTION	Nepour		R	UILDING DE	SIGN A UT	Consultant		
	ENGINEERI	NG CO. LTD	ERNATIC	NAL W	VITH B.N. CO	NSULTAN	PVT LTD	D IN JOINT V ND PLUS ENC	ENTURE GINEERS
						2 3	P) LTD, KATH	MANDU, NEPA	L
			Λ		1 ap	YEI			
	elie		lot		Mer. C	1910	* Biratnayat*	K	
0	Checked By		Submitted				* Biratnas	0	
N.	Engineer	(Submitted		Verified By			Approved By	4
1	Dhirendra Yadav	P	abindra Kr T	Exercite Exe	pert Qty Surveyo Mandal/Rajan S	or/CSE		Team Leader	





	2	se		Remarks								BUILDING DESIGN AUTHORIAY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, KATHMANDU, NEPAL		
lanuary	2020	Sub-base		Re	1							CONSI NDU, N		A . P
				CBR%	47.00				>30	>		TH B.N. ATHMA	\rightarrow	Approved By Team Leader Giresh Chand
Month:	Year	Type of Material		PI%	1.72	>			9	1		URE WI LTD, K	V	Approv Team I Giresh
Mo	X	Ty _I Mat	-	OMC	5.60							r vent cts (P)	BNIPLUS JIL	*
				5 MDD	2.216						Consultant	LTD IN JOINT V	AUDY AUDY	Biratnag
				8 0.075	28 7.95				37 4~15		Co	LDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTAN PVT. LTD AND PLUS ENGINEERS & AR CHITE CTS (P) LTD, KATHMANDU, NEPAL	uBisag Buip	
02 t			Sieve Size in mm / passing % By Weight	2.36 1.18	21.21 17.28				-45 15-37	Ĺ		RIFY () VGINEE		
BK1- t Repor			ssing % I	5.0 2	37.08 2				30-60 20-45			AUTHC	×	Verified By ert Qty Surveyo andal/Rajan S
Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report		ę	mm / pas	10.0	55.64				50-85 40-75 3			DESIGN	A	Verified By Expert Qty Surveyor/CSE Mandal/Rajan Shrest
KUD1 of Mont		n :-R	e Size in	20.0	76.31				50~85	-		DING I	- A	H.K. N
t No:- y Sheet		Location :-R-3	Siev	37.5	86.32				65-95	4			2	
CONTRACT NO:- KUDF/ICB/BK1-U Summary Sheet of Monthly Test Report		Lo		ng 63.0	100		+		it: 100					3y ager nakur
5 3				Date of Testing	5-Jan-20				Spec. Limit :	1		A TIONAL	M.	Submitted By Contract Manager Rabindra Kr. Thakur
				Source of Sample	Chisang Khola						actor	N GROUN AND	an UD.	C
			I ocation of		R-3,(5+500)					NR 4	Contr	ZHONGHENG CONSTRUCTION GROUND		
				Lab.Ref no.	RUDP-SB-01				0 181			ZHONGHENC	MO	Enecked By Engineer Dhirendra Yadav
			-	Sn.	-						1		0	En

	REGIO	Bi	ratnag	ar Met	tropolitai	n City	IKUJ	ECI	
					Field Density				
							Month	Ja	inuary
							Year		2020
			Loca	ation:-F			pe of Material	the state of the s	ib-Base 🧹
					e content %	Density		-	paction %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry	Field Dry	Compac	Specifie
-						density	density,	tion	%
1	RUDP-SB-FD-1, R/S	6-Jan-20	5+480	5.60	5.33	2.216	2.150	97.04	95
2	RUDP-SB-FD-1, C/L	6-Jan-20	5+500	5.60	5.00	2.216	2.121	95.70	95
3	RUDP-SB-FD-1, L/S	6-Jan-20	5+520	5.60	5.55	2.216	2.132	96.19	95
4	RUDP-SB-FD-1, R/S	6-Jan-20	5+550	5.60	5.50	2.216 /	2.163	97.62	, 95
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	Contrac	tor				Con	sultant		-
	ZHONCHENG CONSUL	RUCTION GRO			NG DESIGN A N. CONSULTA	UTHORITY	(P) LTD IN J		
	INTERNATIONAL ENG	<i>)</i>			ARCHITE	CCTS (P) LTD	KATHMAN	IDU, NEPA	L
	h	A		No.	Ques	RI RI	DP	V	
51	eeked By gineer	Submitted By Contract Manage	ч г	Expo	Verified By rt Qty Surveyor	/CSE	iratila92	Approve Team Lea	d By
		abindra Kr. Thal			ft Qty Surveyor Iandal/Rajan Sl			Giresh Ch	



5-Ja
Date of Testing 5-Jan-20
5-Jan-
Spec. Limit :
ZHONGHENG CONSERVICTION GROUP INTERNATIONAL BIS DECITION GROUP INTERNATIONAL BIS DECITION CO. LTDE
Submitted By Contract Manager Rabindra Kr. Thakur

	January 2020	Sub-base	Remarks					ONSULTANCY DU, NEPAL		1
	Month: J		PI% CBR%	1.99 45.00		<6 >30		(JOINT VENTURE WITH B.N. CONSULTAN CHITECTS (P) LTD, KATHMANDU, NEPAL		Approved By Team Leader Giresh Chand
Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report	~	Location :-T3L25C Extension	Sieve Size in mm / passing % By Weight	01.1 0C.2 0.0 0.01 0.02 191.1 0C.2 0.0 0.01 0.02		65-95 50-85 40-75 30-60 20-45 15-37 4-15	Consultant	BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, KATHMANDU, NEPAL	ST AULT BISSO	Verified By xper dty Surveyor/CSE H.K. Mandal/Rajan Shrestha
Contract Summary S		Location :-'	Date of Testing	3-Jan-20 100		Spec. Limit: 100		ERNATIONAL	July 1	Submitted By Contract Manager Rabindra Kr. Thakur
			Source of Sample	Chisang Khola			ALCON .	ON OF THE THE		0 2
			Location of Samule	T31.25C,(0+050)			And the Contraction	ZHONGHENE ENGINE AND PROPERING TO AND		
			Sn. Lab.Ref no.	1 RUDP-SB-01				ZHONGHEI	-inter	Engineer Dhirendra Yadav

					Field Density		Month	Ji	anuary V
		*			-		Year		2020
		Loc	ation:-T		Extension	Care and a second second second	Type of Material		ub-Base
				Moistur	e content %	Dens	sity(gm/cc)		paction %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dr density	•	Compac tion	Specifie %
1	RUDP-SB-FD-1, R/S	6-Jan-20	0+040	6.80	5.88	2.226		96.22	95
2	RUDP-SB-FD-1, L/S	6-Jan-20	0+080	6.80 /	5.58	2.226		97.25	95
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	Contract	tor				C	onsultant		
1	ZHER GHENG CONSTR INTERNATIONAL ENGIN	UCTION GRO	UP LTD	BUILDIN B.N	. CONSULTA	UTHORI ANCY PVI CT8 (P) L	FY (P) LTD IN J T. LTD AND PLU TD, KATHMAN	JS ENGINE	ERS &
Eng		Supplited By Contract Manager abindra Kr. Thaka			Verified By t Qty Surveyor andal/Rajan Sh	CSE	DP	Approved Team Lea Giresh Ch	der



Танного	2020	Sub-base		CBR% Remarks	45.50								BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHIER (P) LTD, KATHMANDU, NEPAL	26		Approved By Team Leader Giresh Chand
i		of al		PI% C	1.52 4		+			02< 92			E WIT D, KA		*****	Appro Team Giresh
Month:	Year	Type of Material		OMC	5.25	Ň	T						ENTUR S (P) L7	US J/V		
L				DOM	2.218		+					tant	IN INI	A A A A A A A A A A A A A A A A A A A	diam'	
				0.075	8.38		+			4-15	1.01	Consultant	DINIO	12	June	*
			ght	1.18 0	20.54 8								(P) LTI ERS &	A ngisad	Suit	а
-02			Sieve Size in mm / passing % By Weight	2.36	28.25		1			0-45 1			ORITY			Expert Qty Surveyor/CSE H.K. Mandal/Rajan Shrestha
an C /BRT t Repo			ssing %	5.0	35.37		1			0-60 2	-		AUTHO AUTHO			fied B Survey Rajan
polit polit hly Tes		IIM	mm / pa	10.0	54.21		1			10~75 3			ESIGN	R	0	Veri ert Qty andal/I
RUDF		T3L	Size in	20.0	69.12	$\overline{\}$				50-85	120 00		T. LTD	0	H	Exp H.K. M
ar N No:- I Sheet o		-: uo	Sieve	37.5	90.31					100 65-95 50-85 40-75 30-60 20-45 15-37			BUILD			
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report		Location :-T3L11M		63.0	100					100						L L
Con Sum		T		Date of Testing	7-Jan-20					Snec. Limit :			RNATIONAL	0	Prof	Submitted By Contract Manager Rabindra Kr. Thakur
				Source of Sample	Chisang Khola							actor	NEUPPHTERNACUP INTERNATIONAL ENGLACERING (ALTD			Co
			Location of	Sample	T3L11M,(0+050)							Contractor	ZHONGHEN KONKOUP WITHING	A UD. * ZHOMORE		
				Lab.Ket no.	RUDP-SB-01						A VALUE OF CALL PROPERTY AND A VALUE OF		ZHONGHEN	-		Engineer Dhirendra Yadav

					DP/ICB/I Field Density				
			Summary	Sneet of	Field Density	<u>v Test</u>	Month	In	nuary
							Year		2020
			Locatio	on:-T3L		Ту	pe of Material		b-Base
				Moisture	e content %	Density	(gm/cc)	Comp	action %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry	Field Dry	Compac	Specifie
	DUDD OD ED I DIO					uchisity	density,	tion	%
1	RUDP-SB-FD-1, R/S	9-Jan-20	0+040	5.25	5.69	2.218	2.167	97.71	95
2	RUDP-SB-FD-1, L/S	9-Jan-20	0+080	5.25	5.17	2.218	2.148	96.86	95
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	Contrac	tor				Cons	sultant		
1	ZHONGHENG CONSTR INTERNATIONAL ENGIN	NEERING CO.	DUP LTD	BUILDIN B.N	G DESIGN A . CONSULTA ARCHITE	NCY PVT. L	(P) LTD IN J TD AND PLU WATHMAN	IS ENGINE	ERS &
in the second se	by Ecked By	Subnitted By			Varified By	uning *	UDP Biratnova *	Approved	
		Contract Manage abindra Kr. Thak			t Qty Surveyor andal/Rajan Sh			Team Leas	
and	Radia radav Ra	aomura Kr. Thak	ur	H.K. M	andai/Rajan Sh	irestna		Giresh Cha	and

					Remarks						BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ' ARCHITECTS (P) LTD, KATHMANDU, NEPAL		٧.
	Iary	20	se	ano	%	81.60			>80		JRE RS &		Approved By Team Leader Giresh Chand
	January	2020	Base		CR %	82.55)		>80		ENTU	04	Approved By Team Leader Giresh Chand
)	-	A.L.V.	21.77)		< 35		INT V ENG U, NE		A L O
			-	-	Fl and El %	18.39/16.58			35		DING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ' ARCHITECTS (P) LTD, KATHMANDU, NEPAL	-	
	Month	Year	Type of Material			-			< 35	ant	ATHA	ALL DA LANG	Real
	W		Type o		b L.A.A.	31.50			1978 V	Consultant	TY (P)	(3)	A * Bire
				-	IC PI%	5 NP)	+++		0	IORU Y PVT (P) L	allink ubisad But	
				-	D OMC	47 4.75	,				AUTE		CSE
				-	75 MDD	5 2.247			0		SIGN	×	d By rveyor/ ian Sh
-uz Report					0.075	8 5.85			8 2-10		G DE: CON	A	Vehified By Expert Qty Surveyor/CSE H.K. Mandal/Raian Shrestha
CONTRACT NO: KUDP/ICB/BK1-02 nmary Sheet of Monthly Test Rep			u	Neight	5 0.6	6 14.68			3 12-28		B.N		Expert of K. Mai
P/ICB			nsio	sing By V	5 2.36	0 26.86			5 21-53			<u></u>	<u>т</u> т
ofMa			Exte	Sieve Size in mm / % passing By Weight	4.75	0 34.90			0 26-55		RING		y ger akur
Sheet			25C	ze in mn	10	42.30)		40-70		SINEE	V	Submitted By ontract Manag
Summary Sheet of Monthly Test Report			-T31	Sieve Si		77.21			0 62-95		LENG		Submitted By Contract Manager Rabindra Kr. Thakur
Sur	*		Location:-T3L25C,Extension		31.5	94.78	2		100 85-100 62-92		TERNATIONAL ENGINEERING		S N
			003	-	40	0 100					TANA		
			hand	Data of	Testing	10-Jan-20			Spec. Limit :	tor	TEI		
					Sample	Khola			Spo	antractor	ROUD		
					Source of Sample	Chisang Khola				CRIMIP IN	LIONA		
						+060)					LAND SH		
				I ocation of	Sample	T3L25C,(0+060)					ZHONGHENG CONST REV TION GROUP		1 By Ser Yadav
					Lab.Ref no.	RUDP-B-01					HENG		Checked By Engineer
											HONG		i i
					S.N.	-					Z		12.1

<u>January, 2020</u>

			Jumma	ary Sheet	t of Field Den	sity rest	Month	Janu	
						-	Year	20	
			Locatio	on:-T3L2	25C,Extensio	on T	ype of Material	Ba	se /
				Moisture	e content %	Density	(gm/cc)	Compa	ction %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry	Field Dry	Compaction	Specifi
1						density	density,	%	%
1	RUDP-B-FD-1, L/S	12-Jan-20	0+020	4.75	5.53	2.247	2.225	99.01	98
2 3	RUDP-B-FD-1, C/L RUDP-B-FD-1, R/S	12-Jan-20	0+040	4.75	5.06	2.247	2.214	98.52	98
3	KUDP-B-FD-1, K/S	12-Jan-20	0+080	4.75	5.34	2.247	2.210	98.37	98
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	Contrac	ctor	-			-fn	nsultant		
I	ZHONGHENG COAST NTERNATIONAL ENG	RUCTION GRO	DUP LTD	BUILDI CONSI	NG DESIGN A	T. LTD AND I	RYLXD IN JO	DINT VENTURI EERS & ARCHI	E WITH B
	Chod ad Ry			Jorg	party	RUI	July State	Ch	
	Checked By Engineer Dhirendra Yaday	Submitte Contract Ma Rabindra Kr.	anager	Expert Qty	fied By Surveyor/CSE dal/Rajan Shre	Birat		Approved By Team Leader Giresh Chan	

	1)		-	Remarks							WITH	1	A
	lary	2020	Base	CBR	-	83.50	1			>80		URE RS &	/	Approved By Team Leader Giresh Chand
	January	20	Ba		CR %	81.59	7			>80		/ENT INEE	26	Appro Team Giresh
					%	19.54	7			< 35		BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD LAD PLUS ENGINEERS &		
			_		FI and EI %	20.72/16.96				< 35		IN JC		
	Month	Year	Type of Material			-					tant	LTD ANI	MPLUS J/V * 1979	
	M		Type o		%		20.72/		<u> </u>	< 45	Consultant	LTTI	ALL	
				1	IC PI%	5 NP					0	Y PVT	a think ubisad built	
				-	MDD OMC	58 5.15		++				AUTI FANC ECTS		Expert Qty Surveyor/CSE H.K. Mandal/Rajan Shrestha
				-		12 2.258	7			0		SIGN VSUL	\geq	Expert Qty Surveyor/CSE LK. Mandal/Rajan Shresth
Contract No: NUDP/ICD/DN1-02 Summery Sheet of Monthly Test Renort	TOOLA				0.075	5 5.72		+		28 2-10		NG DE N. CON	D	Verified By t Qty Surveyo fandal/Rajan
Tost R	TICAT			Veight	5 0.6	2 14.95				3 12-28		B.N	1 th	Expert K. Ma
Contract No: KUDP/ICB/BK1-02 mary Sheet of Monthly Test Ren				ing By V	2.36	2 31.52	,			5 21-53				I
of Mo	OTAT TO		-3	Sieve Size in mm / % passing By Weight	4.75	36.72	,			0 26-55		RING		ty ger akur
Sheet	DIRCH		n:-R	e in mm	10	52.51				40-70		INEE	C3	Submitted By Contract Manager Rabindra Kr. Thakur
A.I.G.W.	11011		Location:-R-3	Sieve Siz	20	63.40				62-92		L ENC		Submitted By Contract Manager abindra Kr. Thaku
Sum			Lo		31.5	88.08				100 85-100		ONA		R
					40	100		_				INAT		
				Date of	Testing	7-Jan-20				Spec. Limit :	M	HIN STATE		
					Source of Sample	Chisang Khola				Spe	ul centrage	CION CROUP IS ERNATIONAL ENGINEERING		
					Source	Chisa					C.C.O.	LO LINE		
				I contion of	Sample	R-3,(5+050)						CONSTRU		ked By gineer dra Yadav
					Lab.Ref no.	RUDP-B-01						ZHONGHENG CONSTRU	M	Checked By Engineer Dhirendra Yadav
					S.N.	-						ZH		

					of Field Dens		Month	Janı	
			Locs	ation:-R	-3	T	Year pe of Material	20: Ba	and the second se
					e content %		(gm/cc)	Compac	
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry	Field Dry	Compaction	Specifie
1	RUDP-B-FD-1, L/S	9-Jan-20	5+480	5.15	5.70	density 2.258	density, 2.250	% 99.65	% 98
2	RUDP-B-FD-1, C/L	9-Jan-20 9-Jan-20	5+500	5.15	5.11	2.258	2.230	99.65	98
3	RUDP-B-FD-1, R/S	9-Jan-20	5+550	5.15	5.68	2.258	2.233	98.62	98
	RODE DID 1, NO		51550				2.221	98.02	90
	Control	***		1			onsultant		
1	ZHONG CONST INTERNA BONAL COST	131		BUILDII CONSU	NG DESIGN A	UTHORITY	(P) LTD IN J PLUS ENGIN INCONDU, NE	OINT VENTUR VEERS & ARCH EPAL	E WITH B
	Checked By Engineer Dhirendra Yadav	Submitte Contract M Rabindra Kr	anager	Expert Qty	ified By / Surveyor/CSE dal/Rajan Shr	Testha	Transition in the second	Approved B Team Leader Giresh Chan	



	REGIO		BAN DEVE			T PR	ROJ	ECI	Γ
			tract No:- RUDI		•				
		Sum	mary Sheet of Mont	hly Test Rep	ort				
					S	Mor	th:		nuary
						Ye		2	020 -
			Location:-R-4	16		Mate		Sub	grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remar
1	RUDP-S-01	R-46,(0+100)	Existing Road	9-Jan-20	1.984	9.40	8.55	7.38	
2	RUDP-S-02	R-46,(0+200)	Existing Road	9-Jan-20	1.975	10.10	8.71	7.13	/
R					/	/	/	/	
					-				
							1		3
		Contractor		İ		Consult	ant		
ZHON	IGHENC CONS	The second second	UP INTERNATIONAL TD	BUILDIN JOINT VE PVT. ARCHITE	NTURE LTD A	WITH D	B.N. CO ENGI	DNSULT NEERS	CANCY &
<u>St</u>	4		ß	Mer The	A State	A + Biratna	A AIL		
Check			Submitted By	Verified By			Appro	oved By	
Engine Dhirer	eer ndra yadav		Contract Manager Ravindra k. Thakur	Expert Qty Sundal/Rajan	urveyor/	CSE	Team I	-	



	REGIC						NT PRO	JECT	
		C D	Contract	No:- R	etropolita UDP/ICB/	n City BRT-02	2		
			Summar	y Sheet o	f Field Densi	ty Test			
							Month	Janu	
			Loc	ation:-R-	16		Year Type of Material	202	
-			LUC		e content %	Den	sity(gm/cc)	Sub-G Compac	
						Max.D		Comput	
Sn.	Lab.Ref.no	Testing Date	Chanage	OMC%	Field MC%	density		Compaction	Specifi
						gm/cc	a dribitej,	%	%
1	RUDP-SG-FD-1, R/S	9-Jan-20	0+040	9.40	7.89	1.984	8	96.71	95
2	RUDP-SG-FD-1, R/S	9-Jan-20	0+090	9.40	7.89	1.984		97.31	95
3	RUDP-SG-FD-1, C/S	9-Jan-20	0+120	9.40	7.06	1.984		97.21	95
4	RUDP-SG-FD-1, R/S	9-Jan-20	0+180	10.10	8.54	1.975		97.81	95
5	RUDP-SG-FD-1, L/S	9-Jan-20	0+200	10.10	8.30	1.975		96.98	95
N			0.200	10.10		1.775	1.912	10.90	93
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	COLUD. *CON	itractor					Consultant		
	anour Courts	E C			BUILDING	DESIGN A	UTHORITY (P)	LTD IN JOINT	VENTH
ZH	ONGHENG CONSTRUCT		NTERNAI	TONAL	WITH B.N. C	CONSULT	SANCY PVT. ET	D AND PLUS E	NGINEE
	THIN ENGINEE	Mondeed. LTD			& AR	CHITEC	IS (P) LTD, KA	EHMANDU, NE	PAL
						A IS	20		
					QK	10 1 9		/ /	
			1		Jundo.		Sipling & Biratnag	NE	
	OM		h		ik			Co	
	Checked By	S	ubmitted B	y	Verified	By		Approved By	
	Engineer	Co	ntract Mana	ger	Expert Qty Sur	vevor/CSE		Team Leader	
	Dhirendra yadav	Ravind	ra K. Thak	ur	H.K. Mandal/	Raian Shi	restha	Giresh Chand	



	F	REGIONA	Biratnagar N Contract No:-	EVELOPMEN' Metropolitan City RUDP/ICB/BRT-02 of Monthly Test Report	T PRO	OJEO	CT		
						Mon	22002		nuary ′
			•			Yea		2	.020 _
			Locat	ion:-T2L18C		Mate		Sub	grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remark
1	RUDP-SG-01	T2L18C,(0+060)	Existing Road	7-Jan-20	1.975	8.80	7.89	6.40	/
	-34). -					-	/	/	
			Sp. Limit .				<18	>3	
ZHC	DNGHENG CO	Contractor STRUCTION GRO GINEERING CO.	UEINTERNATIONAL	BUILDING DESIGN AU WITH B.N. CONSULTAN ARCHITECTS (CY PVT. L	(P) LTD TD AND	PLUS	ENGINI	
	hecked By Engineer rendra yadav		Submitted By Contract Manager Rabindra kr. Thakur	A Carlos		ANPLUS JIL	Team 1	oved By Leader	



	REGI	ONAL	URBA	N DE	VELO	PMEN	T PRO	JECT	
			Contrac	t No:- F	etropolit RUDP/ICB	/BRT-02			
			Summa	ry Sheet	of Field Dens	ity Test			
							Month		uary
			Locati	on:-T2L	18C	T	Year pe of Material		020
				Moistur	e content %	Density	(gm/cc)		Grade ction %
Sn.	Lab.Ref.no	Testine Date	Ch.:			Max.Dry	Field Dry		
511.	Lao.Rel.llo	Testing Date	Chainage	OMC%	Field MC%	density gm/cc	density, gm/cc	Compaction %	Specifie %
1	RUDP-SG-FD-1, L/S	10-Jan-20	0+030	8.80	6.34	1.975	1.898	96.10	95
2	RUDP-SG-FD-1, C/L	10-Jan-20	0+050	8.80	6.26	1.975	1.918	97.11	95
3	RUDP-SG-FD-1,L/S	10-Jan-20	0+070	8.80	7.05	1.975	1.909	96.67	95
4	RUDP-SG-FD-1,R/S	10-Jan-20	0+100	8.80	7.04	1.975	1.899	96.17	95
			0 100	0.00	7.01	1.515	1.077	90.17	93
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	AUCTION GIVEN SA	MITIONAL					Consultan	u	
ZH	ONGHEN CONSTRUCT ON ENGINEE	TION GROUP	INTERNATI)	IONAL	WITH B.N. C	CONSULTAN	CY PVT. LT) LTD IN JOIN' D AND PLUS EI 'HMANDU, NEI	NGINEERS
			())	Mond	AN Design R	UDP VILSUN	. /	
	en		by		1	Build	k Biratnagat	-	
	Checked By		Submitt	ed By	Verified			Approved By	
	Engineer Dhirendra vadav		Contract M	Ianager	Expert Oty Sur	vevor/CSE		Team Leader	
	Dhirendra yadav		Rabindra K	r. Thakur	H.K. Mandal/Ra	ajan Shrestha		Giresh Chand	



_	Lab.Ref no. RUDP-SG-01	Location/Chainage				Mon		Jai	nuary
		Location/Ch.:				Уе: Туро			020
		I LOCALION/Chainage		tion:-T3L11M		Mate		Sub	grade
	KUDP-SG-01		Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remai
		T3L11M,(0+050)	Existing Road	3-Jan-20	1.990	7.50	10.37	6.50	
						~		- 1	
					_				_
-				6.					
			Λ	over the	UDP	US JIL SU		/	
Eng	ked By lineer Ira yadav		Submitted By Contract Manager abindra kr. Thakur	Verified By Expert Qty Surveyor/C	* Biramaya		Approv Team Le		•••



	REGI	ONAL	Biratna	gar M	etropolita	an Citv	T PRO	JECT	
					of Field Dens				
			Summa	ry Sheet	of Fleid Dens	ity Test	Month		
							Year		uary 20
			Locati	on:-T3L1	1 M	T	pe of Material		Grade
			1.1.1	Moistur	e content %	Density	r(gm/cc)		ction %
Sn.	Lab.Ref.no	Testing Date	Chanage	OMC%	Field MC%	Max.Dry density gm/cc	Field Dry density, gm/cc	Compaction %	Specified %
1	RUDP-SG-FD-1, R/S	6-Jan-20	0+020	7.50	7.06	1.990	1.917	96.34	95
2	RUDP-SG-FD-1, R/S	6-Jan-20	0+050	7.50	6.59	1.990	1.938	97.40	95
3	RUDP-SG-FD-1, L/S	6-Jan-20	0+080	7.50	6.16	1.990	1.935	97.26	95
-	1001 0010 1,00	0 0 0 0 20	0.000	1.50	0.10	1.990	1.933	97.20	95
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	Co	ntractor					Consultar	+	
ZH	ONGHENG CONSTRUC) E	INTERNAT)	IONAL	WITH B.N. (CONSULTAN	THORITY (P) LTD IN JOIN D AND PLUS E THMANDU, NE	NCINEEDS
	Checked By	•	Submitt		Verified	By	DP Bus Jus	Approved By	
	Dhirendra yadav		Rabindra K	Anager	Expert Qty Sur	veyor/CSE			
	Engineer		Contract M	Aanager	Verified Expert Qty Sur H.K. Mandal/Ra	By vevor/CSE		Approved By Team Leader Giresh Chand	



	REG	Co	ratnagar Met ontract No:- RU	tropolitan Ci DP/ICB/BRT	ity -02	PRO	DJE	CT	
		<u>S</u>	ummary Sheet of M	lonthly Test Repo	ort	Mor			nuary
	ħ		Location:-T3L13	F		Ye Type Mate	e of		grade
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remar
1	RUDP-SG-01	T3L13F,(0+040)	Existing Road	6-Jan-20	1.920	7.20	8.08	5.71	
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	1								
	5								
ZHON	(SEN	Contractor STRUCTION GROUN GINEERING CO. LT MONZ * 101 00 000000	P INTERNATIONAL FD	PLUS ENG	SIGN AU H B.N. C	ONSULT	TY (P) TANCY HITECT	PVT. L' FS (P) L'	TD ANI
	QH			Norter	RUD m8 + Birat		2	6	
	hecked By Engineer endra Yadav		Submitted By Contract Manager Rabindra Kr. Thakur	Verified By Expert Qty surveyo	r/CSE		Team I	Leader Chand	



	REGIO	NAL U	Biratna	gar Me	etropolita	n City	T PRO	JECT	
		C			UDP/ICB/ f Field Densi				
							Month	Janu	ary
			Treed		120		Year	202	
			Locat	ion:-T3L	e content %		ype of Material y(gm/cc)	Sub-G	
C	LIDC	T i D i				Max.Dry		Compac	
Sn.	Lab.Ref.no	Testing Date		OMC 76	Field MC%	density gm/cc	density, gm/cc	Compaction %	Specifie %
1	RUDP-SG-FD-1, R/S	8-Jan-20	0+020	7.10	6.92	1.920	1.842	95.94	95
2	RUDP-SG-FD-1, L/S	8-Jan-20	0+050	7.10	7.05	1.920	1.880	97.92	95
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	Con	tractor					Consultant		
ZH		TON GROUP	NTERNAT	IONAL	WITH B.N. C	CONSULTA	NCY PVT LTI	LTD IN JOINT D AND PLUS E HMANDU, NE	NGINEEI
	- ANA		k	2	pend	You	* Biratnayar *	L	
	Engineer Dhirendra Yaday		Submit Contract I Rabindra H	Manager	Verified Expert Qty Surv H.K. Mandal/Raja	veyor/CSE		Approved By Team Leader Giresh Chang	



	REG	Bi	RBAN DEV ratnagar Met	ropolitan Ci	ity	PRO	DJE	CT				
			ummary Sheet of M									
	-	_	Location:-T3L7B			Mor Ye Typ Mate	ar e of	2	nuary 020 grade			
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remar			
1	RUDP-SG-01	T3L7B,(0+080)	Existing Road	6-Jan-20	1.970	6.65	9.58	8.00				
							-					
	4											
			-									
_												
ZHOM	NGHENG CO	Contractor	P INTERNATIONAL TD	Consultant BUILDING DESIGN AUTHORITY (P) LTD IN JOINT L VENTURE WITH B.N. CONSULTANCY PVT. LTD AN PLUS ENGINEERS & ARCHITECTS (P) LTD, KATHMANDU, NEPAL								
	Thecked By Engineer		Submitted By Contract Manager	Verified By								
	rendra Yadav	and the second second		ager Expert Qty surveyor/CSE Team Leader nakur H.k. Mandal/Rajan Shrestha Giresh Chand								



	REGIC				VELOI etropolita		T PRO	JECT	
		Ċ	Contract	No:- R	UDP/ICB/	BRT-02			
			Summar	y Sneet o	f Field Densi	ty Test	Month	Ianu	
						ŀ	Year	Janu 202	
			Loca	tion:-T31			Type of Material	Sub-G	
				Moisture	e content %		ty(gm/cc)	Compac	tion %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry density gm/cc	density,	Compaction	Specifie %
1	RUDP-SG-FD-1, L/S	9-Jan-20	0+030	6.65	7.28	1.970	gm/cc 1.903	%	0.5
2	RUDP-SG-FD-1, R/S	9-Jan-20	0+050	6.65	7.93	1.970	1.903	96.62 95.09	95
3	RUDP-SG-FD-1, L/S	9-Jan-20	0+090	6.65	7.53	1.970			95
4	RUDP-SG-FD-1, R/S	9-Jan-20	0+090	6.65	7.58		1.888	95.84	95
+	KUDI-50-1D-1, K/5	9-Jan-20	0+130	0.03	1.38	1.970	1.898	96.35	95
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		Tractor					0		
	OUCTION BRODE	MTERNATION					Consultant		
ZH	ONGHENG CONSTRUCT	ION GROUP I		TIONAL	WITH B.N. O	CONSULT	THORITY (P)	D AND PLUS E	NGINEEF
	A CONTRACT OF A CONTRACT.	CELLES COLLES		Λ.	hole	Free	RUDP Es	a	
			- f	v			Guingene		
	Engineer		Submit		Verified		3.	Approved B	
	Dhirendra Yadav		Contract Rabindra		Expert Qty Sur H.K. Mandal/Raj	veyor/CSE an Shresthe		Team Leade Giresh Chan	
_					and a start start			Choon Onall	-



	January	2020	Sub-base		Remarks												BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, KATHMANDU, NEPAL		By ler
					CBR%	46.00			}						>30		ITH B.	K	Approved By Team Leader
	Month:	ar	Type of Material		%Id	1.89	1.01	1.11	}						9>		JRE W		App Tea
	Moi	Year	Type of Material		OMC	6.45			}								VENTU TS (P)]		
					MDD	2.228			7							ltant	OINT	BNIPLUS JA	*
					0.075	9.16	8.74	8.44	7	1		T	T		4~15	Consultant) LTD IN J RS & ARCI	S S	liratnaya
				sight	1.18	16.80	18.74	17.76	7				\square				((P) L'	voisag buige	*
City T-02 port				Sieve Size in mm / passing % By Weight	2.36	25.23	30.60	30.72	1		T				65~95 50~85 40~75 30~60 20~45 15~37		IORITY		/CSE
tan (B/BR est Rej				assing %	5.0	38.25	39.76	40.05	7						30~60		I SULI	\geq	3y rveyor,
P/IC			38	mm / pa	10.0	58.22	58.62	59.15							40~75		ESIGN AND	A	Verified By Export Qty Surveyor/CSE
Metro RUD			-Z-:	Size in	20.0	75.70	72.94	70.65)						50~85		T. LTI	Can and	Verified By Export Qty Surveyor/CSE
gar No:- Sheet			Location :-N-38	Sieve	37.5	91.87	90.04	89.08	\mathcal{I}						65~95		BUILI		
atna; tract			Loc		63.0	100	100	100)						100			3	Submitted By Contract Manager
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report					Date of Testing	20-Jan-20	20-Jan-20	20-Jan-20							Spec. Limit :		INTERNATIONAL FD	X	Submitted By Contract Manager
					Source of Sample	Chisang Khola	Chisang Khola	Chisang Khola							16. 1	Factor			. ö
				I ocation of		N-38,(0+100)	N-38,(0+200)	N-38,(0+300)								CTION COONTERSTOR	ZHONGHENG CONSTRUCTION GROU		*
					Lab.Ref no.	RUDP-SB-01	RUDP-SB-02	RUDP-SB-03									ZHONGHENG	-MC	Checked By Engineer
					Sn.	-	2	3							11			S	10 -



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	REGIO						T PROJ	ЕСТ	
		Co	ontract l	No:- RU	ropolitar DP/ICB/E	BRT-02			
			Summary	Sheet of	Field Density	<u>Test</u>			
						-	Month		inuary
			Loop	tion:-N	20	H	Year		2020
			Loca		e content %		Type of Material ty(gm/cc)	100 C C C C C C C C C C C C C C C C C C	b-Base
n.	Lab.Ref.no	Testing Date	Chainaga			Max.Dry		Compac	Specified
n.	Lab.Rel.no	Testing Date	Chainage	OMC%	Field MC%	density	density,	tion	specified %
1	RUDP-SB-FD-1, L/S	24-Jan-20	0+090	6.45	5.55	2.228	2.125	95.37	95
2	RUDP-SB-FD-1, C/L	24-Jan-20	0+160	6.45	5.01	2.228	2.162	97.05	95
3	RUDP-SB-FD-1, R/S	24-Jan-20	0+210	6.45	4.65	2.228	2.153	96.61	95
1	RUDP-SB-FD-1, L/S	24-Jan-20	0+290	6.45	5.29	2.228	2.159	96.89	95
5	RUDP-SB-FD-1, R/S	24-Jan-20	0+300	6.45	5.29	2.228	2.152	96.58	95
,	KUDF-5D-FD-1, K/5	24-Jaii-20	0+300	0.45	5.29	2.220	2.152	90.30	95
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	Contra	ctor		1		C	onsultant		
	115	1211		BUILDI	NG DESIGN		TY (P) LTD IN	IOINT VEN	TURE WI
	ZHONGHENG CONST INTERNATIONAL ENG	RUCTION GRO	DUP . LTD		N. CONSULT.	ANCY PVT	LTD AND PL	US ENGIN	EERS &
4		A		Mere Mare	Spel	RU KU		0	6
	recked By	Submitted By Contract Manag		Verified	By y Surveyor/CSE			Approve Team Le	
	0	Contract Manag Rabindra Kr. Tha			y Surveyor/CSE Idal/Rajan Sh			Giresh C	



	January	2020	Sub-base		Remarks											BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS ANARCHITECTS (P) LTD, KATHMANDU, NEPAL	By ler
					6 CBR%	9 43.00	1						>30			WITH B.	Approved By Team Leader
	Month:	Year	Type of Material		OMC PI%	6.20 0.99	1	-	+				99			NTURE (P) LTD	→ A ⊢ C
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report				-	0 DDD	2.230 6	1)				+			tant	ILLECTS	LUS JIV *
					0.075 N	9.26 2			+		+		4~15	-	Consultant	ID IN JC	Isag Burger
				eight	1.18 (17.19										(P) L1	Sad Briting
City RT-02				% By W	2.36	37.73							0 20-45			THORIT S ENGIN	r/CSE
olitan CB/BJ / Test R	Summary Sheet of Monthly Test Report Location :-T2L.18C	U	/ passing	0 5.0	8 46.99			+				75 30-6(GN AUT	d By	
trop(UDP/I Monthly			2L18	Sieve Size in mm / passing % By Weight	20.0 10.0	66.94 55.98			+			+	~85 40~			NG DESI	Expert Qty Surveyor/CSE
ar Me No:- R			T-: 10	Sieve Siz	37.5 2	84.56 66	1	+	+	+		+	100 65-95 50-85 40-75 30-60 20-45 15-37			BUILDIN PVT.	X X X
atnag tract l			ocatio		63.0	100 8	\setminus						100 6				
Bir	Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report	L		Date of Testing	18-Jan-20							Spec. Limit :			ERNATIONAL	Submitted By Contract Manager	
					Source of Sample	Chisang Khola									ractor	ON GROUP INT ING COLTD	
				I acation of		f2L18C,(0+050									Cont	ZHONGHENG CONSTRUCTION CROUP INTERNATIONAL	
					Lab.Ref no.	RUDP-SB-01							-			ZHONGHEN	Checked By Engineer
					Sn.	-						IT					VILP

	REGIO				v ELOP. tropolitan		PROJ	ECI	
		D C	ontract	No:- RI	UDP/ICB/B	RT-02			
					Field Density				
							Month	Ja	nuary
							Year		2020
			Locat	ion:-T2		Ту	pe of Material	Su	b-Base
				Moistur	re content %	Density	(gm/cc)	Comp	action %
Sn.	Lab.Ref.no	Testing Date	Chainage	OMC%	Field MC%	Max.Dry	Field Dry	Compac	Specifie
				ONIC /0	Tield WIC 70	density	density,	tion	%
1	RUDP-SB-FD-1, R/S	17-Jan-20	0+030	6.20	5.61	2.230	2.157	96.71	95
2	RUDP-SB-FD-1, L/S	17-Jan-20	0+050	6.20	5.95	2.230	2.130	95.53	95
3	RUDP-SB-FD-1, R/S	17-Jan-20	0+100	6.20	5.99	2.230	2.157	96.73	95
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	Contrac	torowa					sultant		
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]	INTERNATIONAL ENGI			B.	N. CONSULTA				
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		()		Jala I	V	RUI	5	N	
0	L/-	161		MG.		13	as the	G	
11	ecked By	Submitted By		Verifi	ed By	* Biratn	ago	Approve	d By
		Contract Manag	er		y Surveyor			Team Lea	-
		abindra Kr. Thak			dal/Rajan Shre	etha		Giresh Ch	



			Summary Sheet	of Monthly Test Report								
						Mon Ye:			nuary 020			
			Loc	ation:-N-7		Type	of	-	grade			
Sn.	Lab.Ref no.	Location/Chainage	Source of Sample	Date of Testing	MDD	OMC	PI%	CBR%	Remark			
1	RUDP-SG-01	N-7,(0+100)	Existing Road	18-Jan-20	2.025	7.50	4.70	5.50				
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ZHC	(Source E	NSTRUCTION GRO NGINEERING CO.	UP INTERNATIONAL LTD	BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, KATHMANDU, NEPAL								
	hecked By Engineer rendra yaday		Submitted By Contract Manager Rabindra kr. Thakur	Verified By Expert Qty Surveyor/CS H.K. Mandal/Rajan Shrestha	RUT	P usually +	Team I	oved By Leader				



	REGI	ONAL I	Biratna	gar M	VELO etropolita UDP/ICB	an City	T PRO	JECT	
					of Field Dens				
						1	Month	Jan	
			Loc	ation:-N-	7		Year ype of Material	20	
-			LUC		e content %	Density		Sub-C Compa	
						Max.Dry	Field Dry		
Sn.	Lab.Ref.no	Testing Date	Chanage	OMC%	Field MC%	density gm/cc	density, gm/cc	Compaction %	Specifie %
1	RUDP-SG-FD-1, R/S	18-Jan-20	0+020	7.50	7.35	2.025	1.949	96.25	95
2	RUDP-SG-FD-1, R/S	18-Jan-20	0+050	7.50	7.20	2.025	1.964	97.00	95
3	RUDP-SG-FD-1, C/L	18-Jan-20	0+080	7.50	7.09	2.025	1.947	96.17	95
4	RUDP-SG-FD-1, L/S	18-Jan-20	0+110	7.50	7.11	2.025	1.947	96.13	95
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		utractor					Consulta		
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	Checked By		Submit	ted By	Verified	1 By		Approved By	
	Engineer Dhirendra yadav		Contract	Manager	Expert Qty Su H.K. Mandal/R	rvevor/CSE		Team Leader Giresh Chand	



<u>Regional Urban Development Project (RUDP)</u>

REGIONAL URBAN DEVELOPMENT PROJECT

Biratnagar Metropolitan City

Contract No:- RUDP/ICB/BRT-02

Summary	Sneet	of Mort	ar lest	Report

								Month	8	Jan	uary
								Year		2	020
							Descri	ption of Samp	ole	Bric	k Wall
CN	Taradan	Lab	T	Brand of	0 00 1	Date of	Date of	fTesting	Strength	, N/mm2	Туре
S.N.	Location	Ref.no.	Type of Cement	Cement	Source of Sand	Casting	7 Days	28 Days	7 Days	. 28 Days	Grad
1	R-46	MR-2368	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		8.50	7.5
2	R-39	MR-2369	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		8.23	7.5
3	R-39	MR-2370	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		8.90	7.5
4	T3L25A	MR-2371	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		9.17	7.5
5	T3L25A	MR-2372	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		9.44	7.5
6	T3L25A	MR-2373	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		8.63	7.5
7	R-12	MR-2374	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		9.30	7.5
8	T3L10A	MR-2375	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		8.76	7.5
9	R-2	MR-2376	Ambe Hi-tech	OPĆ	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		9.57	7.5
10	R-39	MR-2377	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		8.09	7.5
11	T3L24B	MR-2378	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		9.04	7.5
12	T3L7B	MR-2379	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		9.98	7.5
13	T3L25A	MR-2380	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		9.44	7.5
14	R-12	MR-2381	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		8.77	7.5
15	R-44	MR-2382	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		8.50	7.5
16	R-39	MR-2383	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		8.63	7.5
17	T3L7A	MR-2384	Ambe Hi-tech	OPC	Chisang Khola	9-Dec-19	16-Dec-19	6-Jan-20		9.04	7.5
18	R-26	MR-2385	Ambe Hi-tech	OPC	Chisang Khola	9-Dec-19	16-Dec-19	6-Jan-20		9.44	7.5
19	T3L24B	MR-2386	Ambe Hi-tech	OPC	Chisang Khola	10-Dec-19	17-Dec-19	7-Jan-20		8.77	7.5
20	R-2	·MR-2387	Ambe Hi-tech	OPC	Chisang Khola	10-Dec-19	17-Dec-19	7-Jan-20		8.92	7.5
21	R-39	MR-2388	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		8.63	7.5
22	T1L7A	MR-2389	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		8.90	7.5
23	R-26	MR-2390	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		9.04	7.5
24	R-2	MR-2391	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		8.77	7.5
25	R-39	MR-2392	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		8.36	7.5
26	T3L25A	MR-2393	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		9.04	7.5
27	R-12	MR-2394	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		9.57	7.5
28	R-26	MR-2395	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		8.90	7.5
29	R-44	MR-2396	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		8.36	7.5
30	R-39	MR-2397	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	20-Dec-19 21-Dec-19	11-Jan-20		8.50	/ 7.5
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	1	Contractor	10/1/4				Consult	ant			
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gineer			Contract M		Team Lead						
	a Yadav		Rabindra Kr.	Thakur	H.K. Mandal/Ra	lan Shrestha			Gir	esh Ch	and

REGIONAL URBAN DEVELOPMENT PROJECT

Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Mortar Test Report

			Sun	iniary Sh	eet of Mortar	Test Repor		Daga no	1 . 7 2				
								Page no. Month	1 01 2	Jar	uary		
								Year		-	020		
		•					Descri	ption of Samp	le		k Wall		
		Lab		Durand of		D. C		f Testing	Strength,				
S.N.	Location	Ref.no.	Type of Cement	Brand of Cement	Source of Sand	Date of Casting	7 Days	28 Days	7 Days	28 Days	Type of Grade		
31	T3L10A	MR-2398	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		9.44	7.5		
32	T3L10A	MR-2399	Ambe Hi-tech	OPĊ	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		8.36	7.5		
33	T1L7B	MR-2400	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		8.63	7.5		
34	R-2	MR-2401	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		8.90	7.5		
35	R-44	MR-2402	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		9.30	7.5		
36	R-26	MR-2403	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		9.04	7.5		
37	T3L10A	MR-2404	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		8.50	7.5		
38	R-2	MR-2405	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		9.04	7.5		
39	T3L24B	MR-2406	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		8.90	7.5		
40	T3L24A	MR-2407	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		8.09	7.5		
41	R-26	MR-2408	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		8.50	7.5		
42	R-39	MR-2409	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		9.71	7.5		
43	T3L10A	MR-2410	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		8.77	7.5		
44	T1L7A	MR-2411	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		9.30	7.5		
45	T1L7B	MR-2412	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		8.77	7.5		
46	T3L25A	MR-2413	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		9.57	7.5		
47	T3L10A	MR-2414	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		9.30	7.5		
48	R-12	MR-2415	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		8.36	7.5		
49	R-26	MR-2416	Ambe Hi-tech	OPĆ	Chisang Khola	17-Dec-19	24-Dec-19	14-Jan-20	-	8.90	7.5		
50	R-44	MR-2417	Ambe Hi-tech	OPC	Chisang Khola	17-Dec-19	24-Dec-19	14-Jan-20		9.17	7.5		
51	R-39	MR-2418	Ambe Hi-tech	OPC	Chisang Khola	.17-Dec-19	24-Dec-19	14-Jan-20		9.04	7.5		
52	R-2	MR-2419	Ambe Hi-tech	OPC	Chisang Khola	17-Dec-19	24-Dec-19	14-Jan-20		8.50	7.5		
53	R-39	MR-2420	Ambe Hi-tech	OPC	Chisang Khola	18-Dec-19	25-Dec-19	15-Jan-20		9.57	7.5		
54	T3L24B	MR-2421	Ambe Hi-tech	OPC	Chisang Khola	18-Dec-19	25-Dec-19	15-Jan-20		8.90	7.5		
55	T3L10A	MR-2422	Ambe Hi-tech	OPC	Chisang Khola	18-Dec-19	25-Dec-19	15-Jan-20		8.77	7.5		
56	T3L7A	MR-2423	Ambe Hi-tech	OPC	Chisang Khola	19-Dec-19	26-Dec-19	16-Jan-20		9.57	7.5		
57	T3L7B	MR-2424	Ambe Hi-tech	OPC	Chisang Khola	19-Dec-19	26-Dec-19	16-Jan-20		8.63	7.5		
58	R-26	MR-2425	Ambe Hi-tech	OPC	Chisang Khola	19-Dec-19	26-Dec-19	16-Jan-20		9.84	7.5		
59	R-46	MR-2426	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		8.77	7.5		
60	R-39	MR-2427	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		8.36	7.5		
61	T3L10A	MR-2428	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.17	7.5		
62	R-12	MR-2429	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.30	7.5		
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	CTION GP	Contractor				1	Consult	ant					
	15	NA.			BUILDING DESIGN AUTHORITY (P) LTD IN JOINT								
			CTION GRO		VENTURE V	VITH B.N.	CONSULT	ANCY PV7	. LTD	AND	PLUS		
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ngineer			Contract Ma		ger Expert Qty Surveyor/CSE Team Leade								
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REGIONAL URBAN DEVELOPMENT PROJECT

Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Morter Test Depor

			Sun	imary Sh	eet of Mortar	Test Repor	t	Page no.	1 of 3					
								Month		Jar	nuary			
								Year			020			
							Descri	ption of Samp	le		k Wall			
					-*			Testing	1	, N/mm2				
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of Cement	Source of Sand	Date of Casting	7 Days	28 Days	7 Days	28 Days	Type of Grade			
63	R-39	MR-2430	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		8.36	7.5			
64	R-2	MR-2431	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		8.77	7.5			
65	R-26	MR-2432	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.30.	7.5			
66	T3L25A	MR-2433	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.84	7.5			
67	R-44	MR-2434	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.04	7.5			
68	T3L10A	MR-2435	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.17	7.5			
69	T3L7C	MR-2436	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.71	7.5			
70	T3L7C	MR-2437	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		9.17	7.5			
71	T3L10A	MR-2438	Ambe Hi-tech	OPC	Chisang Khola	20-Dec-19	27-Dec-19	17-Jan-20		8.09	7.5			
72	T3L10A	MR-2439	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20		9.57	7.5			
73	R-2	MR-2440	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20		8.36	7.5			
74	R-44	MR-2441	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20	1	8.63	7.5			
75	R-44	MR-2442	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20		9.30	7.5			
76	R-39	MR-2443	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20		8.50	7.5			
77	T3L24B	MR-2444	Ambe Hi-tech	OPC	Chisang Khola	21-Dec-19	28-Dec-19	18-Jan-20		9.57	7.5			
78	R-26	MR-2445	Ambe Hi-tech	OPC	Chisang Khola	22-Dec-19	29-Dec-19	19-Jan-20		9.71	7.5			
79	R-39	MR-2446	Ambe Hi-tech	OPC	Chisang Khola	22-Dec-19	29-Dec-19	19-Jan-20		8.23	7.5			
80	T3L24B	MR-2447	Ambe Hi-tech	OPC	Chisang Khola	22-Dec-19	29-Dec-19	19-Jan-20		8.63	7.5			
81	R-44	MR-2448	Ambe Hi-tech	OPC	Chisang Khola	22-Dec-19	29-Dec-19	19-Jan-20		9.57	7.5			
82	R-12	MR-2449	Ambe Hi-tech	OPC	Chisang Khola	23-Dec-19	30-Dec-19	20-Jan-20		9.04	7.5			
83	T1L7A	MR-2450	Ambe Hi-tech	OPC	Chisang Khola	-23-Dec-19	30-Dec-19	20-Jan-20		8.36	7.5			
84	R-2	MR-2451	Ambe Hi-tech	OPC	Chisang Khola	23-Dec-19	30-Dec-19	20-Jan-20		9.71	7.5			
85	T1L7B	MR-2452	Ambe Hi-tech	OPC	Chisang Khola	23-Dec-19	30-Dec-19	20-Jan-20		8.50	7.5			
86	R-39	MR-2453	Ambe Hi-tech	OPC	Chisang Khola	23-Dec-19	30-Dec-19	20-Jan-20		9.30	7.5			
87	T3L24B	MR-2454	Ambe Hi-tech	OPC	Chisang Khola	23-Dec-19	30-Dec-19	20-Jan-20		8.09	7.5			
88	T3L24B	MR-2455	Ambe Hi-tech	OPC	Chisang Khola	24-Dec-19	31-Dec-19	21-Jan-20		9.30	7.5			
89	R-12	MR-2456	Ambe Hi-tech	OPC	Chisang Khola	24-Dec-19	31-Dec-19	21-Jan-20		8.90	7.5			
90	R-12	MR-2457	Ambe Hi-tech	OPC	Chisang Khola	24-Dec-19	31-Dec-19	21-Jan-20		9.98	7.5			
91	R-2	MR-2458	Ambe Hi-tech	OPC	Chisang Khola	25-Dec-19	1-Jan-20	22-Jan-20	6.71	8.77	7.5			
92	R-26	MR-2459	Ambe Hi-tech	OPC	Chisang Khola	25-Dec-19	1-Jan-20	22-Jan-20	6.47	8.36	7.5			
93	T1L7B	MR-2460	Ambe Hi-tech	OPC	Chisang Khola	25-Dec-19	1-Jan-20	22-Jan-20	6.61	8.63	7.5			
94	N-8	MR-2461	Ambe Hi-tech	OPC	Chisang Khola	25-Dec-19	1-Jan-20	22-Jan-20	7.28	8.50	7.5			
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	TION SROUP	Contracto	r .		Consultant									
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Biratnagar Metropolitan City

Contract No:- RUDP/ICB/BRT-02

								Page no.	. 1 of 4		
								Month		Jan	uary
								Year		20	020
							Descri	iption of Samp	ole	Brick	k Wall
		Lab		Brand of		Date of	Date o	f Testing	Strength,	N/mm2	Туре о
S.N.	Location	Ref.no.	Type of Cement	Cement	Source of Sand	Casting	7 Days	28 Days	7 Days	28 Days	Grade
95	T1L7B	MR-2462	Ambe Hi-tech	OPÇ	Chisang Khola	26-Dec-19	2-Jan-20	23-Jan-20	6.07	8.09	7.5
96	N-7	MR-2463	Ambe Hi-tech	OPC	Chisang Khola	26-Dec-19	2-Jan-20	23-Jan-20	6.07	9.30	7.5
97	R-5	MR-2464	Ambe Hi-tech	OPC	Chisang Khola	26-Dec-19	2-Jan-20	23-Jan-20	7.01	8.36	7.5
98	R-46	MR-2465	Ambe Hi-tech	OPC	Chisang Khola	26-Dec-19	2-Jan-20	23-Jan-20	6.34	9.04	7.5
99	T3L10A	MR-2466	Ambe Hi-tech	OPC	Chisang Khola	26-Dec-19	2-Jan-20	23-Jan-20	6.47	8.90	7.5
100	T3L25A	MR-2467	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	7.01	8.50	7.5
101	R-16	MR-2468	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	6.88	8.36	7.5
102	N-31	MR-2469	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	7.28	8.90	7.5
103	T1L8B	MR-2470	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	6.34	8.50	7.5
104	R-12	MR-2471	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	6.47	8.90	7.5
105	N-3	MR-2472	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	6.88	8.63	7.5
106	T2L24	MR-2473	Ambe Hi-tech	OPC	Chisang Khola	28-Dec-19	4-Jan-20	25-Jan-20	6.20	7.82	7.5
107	R-2	MR-2474	Ambe Hi-tech	OPC	Chisang Khola	29-Dec-19	5-Jan-20	26-Jan-20	6.20	8.50	7.5
108	R-26	MR-2475	Ambe Hi-tech	OPC	Chisang Khola	29-Dec-19	5-Jan-20	26-Jan-20	6.88	9.71	7.5
109	T1L7B	MR-2476	Ambe Hi-tech	OPC	Chisang Khola	29-Dec-19	5-Jan-20	26-Jan-20	6.88	9.04	7.5
110	N-7	MR-2477	Ambe Hi-tech	OPC	Chisang Khola	30-Dec-19	6-Jan-20	27-Jan-20	6.34	8.23	7.5
111	R-5	MR-2478	Ambe Hi-tech	OPC	Chisang Khola	30-Dec-19	6-Jan-20	27-Jan-20	6.34	8.63	7.5
112	R-46	MR-2479	Ambe Hi-tech	OPÇ	Chisang Khola	30-Dec-19	6-Jan-20	27-Jan-20	6.47	8.77	7.5
113	T3L10A	MR-2480	Ambe Hi-tech	OPC	Chisang Khola	31-Dec-19	7-Jan-20	28-Jan-20	7.15	9.30	7.5
114	R-16	MR-2481	Ambe Hi-tech	OPC	Chisang Khola	31-Dec-19	7-Jan-20	28-Jan-20	6.61	8.36	7.5
115	N-3	MR-2482	Ambe Hi-tech	OPC	Chisang Khola	31-Dec-19	7-Jan-20	28-Jan-20	6.47	8.23	7.5
116	T1L8B	MR-2483	Ambe Hi-tech	OPC	Chisang Khola	31-Dec-19	7-Jan-20	28-Jan-20	6.34	8.36	7.5
117	N-31	MR-2484	Ambe Hi-tech	OPC	Chisang Khola	1-Jan-20	8-Jan-20	29-Jan-20	6.88	8.36	7.5
118	T2L24	MR-2485	Ambe Hi-tech	OPC	Chisang Khola	1-Jan-20	8-Jan-20	29-Jan-20	6.07	8.36	7.5
119	R-12	MR-2486	Ambe Hi-tech	OPC	Chisang Khola	1-Jan-20	8-Jan-20	29-Jan-20	7.01	9.57	7.5
120	R-46	MR-2487	Ambe Hi-tech	OPC	Chisang Khola	1-Jan-20	8-Jan-20	29-Jan-20	6.88	· 9.30	7.5
121	T1L7A	MR-2488	Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	6.20	8.90	7.5
122	N-8	MR-2489	Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	6.47	8.36	7.5
123	R-26	MR-2490	Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	6.74	9.71	7.5
124	N-31	MR-2491	Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	7.01	9.71	7.5
125	T3L10A	MR-2492	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20	10-Jan-20	31-Jan-20	6.88	9.44	7.5
126	R-5	MR-2493	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20	10-Jan-20	31-Jan-20	7.28	8.50	7.5
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Dhirendra Yadav

Expert Qty Surveyor/CSE H.K. Mandal/Rajan Shrestha

Rabindra Kr. Thakur

Giresh Chand

Biratnagar Metropolitan City

Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Mortar Test Report

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Dhirendra Yadav

H.K. Mandal/Rajan Shrestha

Rabindra Kr. Thakur

Giresh Chand

Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Mortar Test Report

								Page no. Month		Jan	uary
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							Descri	ption of Samp	le	-	k Wall
								Testing	Strength,		
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of Cement	Source of Sand	Date of Casting	7 Days	28 Days	7 Days	28 Days	Type of Grade
159	T1L7B	MR-2526	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	6.34		7.5
160	R-5	MR-2527	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	6.47		7.5
161	R-16	MR-2528	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	7.01		7.5
162	N-3	MR-2529	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	6.20		7.5
163	T1L7A	MR-2530	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	6.88	1	7.5
164	R-26	MR-2531	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	6.88		7.5
165	N-8	MR-2532	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	6.20		7.5
166	T1L7B	MR-2533	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	6.34		7.5
167	N-7	MR-2534	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	5.93		7.5
168	R-5	MR-2535	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	5.80		7.5
169	R-46	MR-2536	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	6.20	1.1	7.5
170	T3L10A	MR-2537	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	6.47		7.5
171	T3L25A	MR-2538	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	7.28		7.5
172	R-16	MR-2539	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	6.88		7.5
173	N-31	MR-2540	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	6.61		7.5
74	T1L8B	MR-2541	Ambé Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	6.88		7.5
75	R-12	MR-2542	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20	10-Feb-20	6.74		7.5
76	N-3	MR-2543	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20	10-Feb-20	6.47		7.5
77	T2L24	MR-2544	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20	10-Feb-20	6.61		7.5
178	N-32	MR-2545	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20	10-Feb-20	6.07	-	7.5
179	T1L7A	MR-2546	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20 21-Jan-20	11-Feb-20	6.74		7.5
80	R-26	MR-2547	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20 21-Jan-20	11-Feb-20	7.01		7.5
181	N-8	MR-2548	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20 21-Jan-20	11-Feb-20	6.47		7.5
182	T1L7B	MR-2549	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20 22-Jan-20	12-Feb-20	6.34		7.5
183	N-7	MR-2550	Ambe Hi-tech	OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	7.28	-	7.5
84	R-46	MR-2551	Ambe Hi-tech	OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	6.47		7.5
85	T1L10A	MR-2552	Ambe Hi-tech	OPC	Chisang Khola	16-Jan-20	22-Jan-20 23-Jan-20	13-Feb-20	6.20		7.5
186	R-5	MR-2553	Ambe Hi-tech	OPC	Chisang Khola	16-Jan-20	23-Jan-20	13-Feb-20	7.28		7.5
187	R-16	MR-2554	Ambe Hi-tech	OPC	Chisang Khola	16-Jan-20	23-Jan-20	13-Feb-20	6.88		7.5
188	N-3	MR-2555	Ambe Hi-tech	OPC	Chisang Khola	16-Jan-20	23-Jan-20	13-Feb-20	6.74		7.5
189	R-12	MR-2556	Ambe Hi-tech	OPC	Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	6.07	/	7.5
90	R-12	MR-2557	Ambe Hi-tech	OPC	Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	7.01	/	7.5
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		Lab	148 3 49 1	Brand of		Date of	Date of	Testing	Strength	, N/mm2	Type of
S.N.	Location	Ref.no.	Type of Cement	Cement	Source of Sand	Casting	7 Days	28 Days	7 Days	28 Days	Grade
191	T2L24	MR-2558	Ambe Hi-tech	OPC	Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	7.01		7.5
192	N-32	MR-2559	Ambe Hi-tech	OPC	Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	7.15	a de	7.5
193	T3L25A	·MR-2560	Ambe Hi-tech	OPC	Chisang Khola	19-Jan-20	26-Jan-20	16-Feb-20	6.61		7.5
194	R-2	MR-2561	Ambe Hi-tech	OPC	Chisang Khola	19-Jan-20	26-Jan-20	16-Feb-20	6.47		7.5
195	T3L Trunk line	MR-2562	Ambe Hi-tech	OPC	Chisang Khola	19-Jan-20	26-Jan-20	16-Feb-20	6.74		7.5
196	R-2	MR-2563	Ambe Hi-tech	OPC	Chisang Khola	20-Jan-20	27-Jan-20	17-Feb-20	7.28		7.5
197	R-12	MR-2564	Ambe Hi-tech	OPC	Chisang Khola	20-Jan-20	27-Jan-20	17-Feb-20	6.61		7.5
198	T3L Trunk line	MR-2565	Ambe Hi-tech	OPC	Chisang Khola	20-Jan-20	27-Jan-20	17-Feb-20	6.20	1	7.5
199	T1L7A	MR-2566	Ambe Hi-tech	OPĆ	Chisang Khola	21-Jan-20	28-Jan-20	18-Feb-20	6.07	1	7.5
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Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet Of Monthly Test Report

Brick	Type of Material Strength of Brick(N/mm ²) 15.22 15.17	Water Absorption of						
		Brick(%)	Name of Brick	Source of Brick	Location of Sample	Testing Date	Lab Ref.N o.	s.n.
	15.17	16.24	Aanand	Dadarbairya	R-2	1-Jan-20	954	1
		13.02	Aanand	Dadarbairya	T1L7A	1-Jan-20	955	2
	14.38	14.10	Aanand	Dadarbairya	R-26	1-Jan-20	956	3
	14.68	15.92	Aanand	Dadarbairya	N-7	1-Jan-20	957	4
	13.94	14.16	Aanand	Dadarbairya	T1L7B	1-Jan-20	958	5
	16.18	14.65	ACC	Dadarbairya	N-31	1-Jan-20	959	6
	14.66	13.99	ACC	Dadarbairya	R-5	2-Jan-20	960	7
	16.30	13.34	ACC	Dadarbairya	R-46	2-Jan-20	961	8
	15.70	14.10	Aanand	Dadarbairya	T3L10A	2-Jan-20	962	9
	15.62	14.71	Aanand	Dadarbairya	T3L25A	2-Jan-20	963	10
	15.21	13.61	ACC	Dadarbairya	R-16	2-Jan-20	964	11
	15.95	13.52	Aanand	Dadarbairya	N-31	2-Jan-20	965	12
	15.63	14.27	Aanand	Dadarbairya	T1L8B	3-Jan-20	966	13
	15.60	14.14	Aanand	Dadarbairya	R-12	3-Jan-20	967	14
	15.85	17.60	ACC	Dadarbairya	N-3	3-Jan-20	968	15
	14.48	12.27	ACC	Dadarbairya	T2L24	3-Jan-20	969	16
- 10 M	14.64	14.63	ACC	Dadarbairya	N-7	3-Jan-20	970	17
	14.29	16.16 -	ACC	Dadarbairya	N-7	4-Jan-20	971	18
	16.40	14.43	Aanand	Dadarbairya	T1L7B	4-Jan-20	972	19
	15.24	14.42	Aanand	Dadarbairya	R-16	4-Jan-20	973	20
	15.24	16.57	Aanand	Dadarbairya	R-26	4-Jan-20	974	21
	14.49	12.96	Aanand	Dadarbairya	N-31	4-Jan-20	975	22
	14.44	13.48	Aanand	Dadarbairya	R-46	4-Jan-20	976	23
	13.85	12.96	Aanand	Dadarbairya	T1L7A	4-Jan-20	977	24
	14.56	15.16	Aanand	Dadarbairya	T3L25A	4-Jan-20	978	25
	13.29	12.76	ACC	Dadarbairya	T3L10A	4-Jan-20	979	26
	13.67	13.80	ACC	Dadarbairya	T1L8B	5-Jan-20	980	27
	12.86	14.56	ACC	Dadarbairya	T2L24	5-Jan-20	981	28
	14.41	14.52	Aanand	Dadarbairya	N-3	5-Jan-20	982	29
	12.32	14.81	Aanand	Dadarbairya	R-2	5-Jan-20	983	30
/	14.12	13.11	ACC	Dadarbairya	T1L7B	5-Jan-20	984	31
	. 14.93	13.50	ACC	Dadarbairya	N-8	6-Jan-20	985	32
	13.80	15.66	Aanand	Dadarbairya	R-5	6-Jan-20	986	33
	>8 to 10 N/mm ²	<20% ~			Sp. Limit			
	13.67 12.86 14.41 12.32 14.12 14.93 13.80	13.80 14.56 14.52 14.81 13.11 13.50 15.66	ACC ACC Aanand Aanand ACC ACC	Dadarbairya Dadarbairya Dadarbairya Dadarbairya Dadarbairya Dadarbairya	T1L8B T2L24 N-3 R-2 T1L7B N-8 R-5	5-Jan-20 5-Jan-20 5-Jan-20 5-Jan-20 5-Jan-20 6-Jan-20	980 981 982 983 984 985	26 27 28 29 30 31 32 33

Checked By Engineer Dhirendra Yadav

Supmitted By Contract Manager Rabindra Kr. Thakur

Verified By Expert Qty Surveyor/CSE H.K.Mandal/Rajan Shrestha

CA Approved By Team Leader Giresh Chand



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Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet Of Monthly Test Report

Month January Year 2020 Type of Material Brick Lab Name of Water Absorption of Strength of S.N. **Testing Date** Location of Sample Source of Brick Remarks Ref.No. Brick(%) Brick Brick(N/mm²) 7-Jan-20 67 987 T1L8B Dadarbairya Anand 16.03 13.51 988 68 7-Jan-20 T3L10A Dadarbairya ACC 14.74 13.13 989 69 7-Jan-20 R-2 Dadarbairya ACC 14.51 13.54 70 7-Jan-20 T1L7B 990 Dadarbairya Anand 15.85 16.83 71 7-Jan-20 991 N-7 Dadarbairya Anand 14.84 13.75 72 992 8-Jan-20 T2L24 Dadarbairya Anand 16.34 13.41 73 993 8-Jan-20 R-12 Dadarbairya ACC 14.67 14.06 74 994 8-Jan-20 T1L7A Dadarbairya ACC 15.48 15.26 75 995 8-Jan-20 T2L24 Dadarbairya ACC 14.43 13.96 76 996 8-Jan-20 R-12 Dadarbairya ACC 13.63 12.90 77 997 8-Jan-20 R-46 Dadarbairya ACC 14.87 14.18 R-2 78 998 8-Jan-20 Dadarbairya ACC 14.08 13.63 79 999 T11.8B 8-Jan-20 Dadarbairya ACC 14.05 13.74 80 1000 8-Jan-20 T3L10A Dadarbairya ACC 14.00 14.31 T3125A 81 1001 9-Jan-20 Dadarbairya ACC 13.53 14.46 82 1002 9-Jan-20 T3L25A Dadarbairya ACC 13.93 15.54 83 9-Jan-20 T2L24 1003 Dadarbairya ACC 15.25 15.64 84 1004 9-Jan-20 N-3 Dadarbairya ACC 13.65 15.47 85 1005 9-Jan-20 R-12 Dadarbairya Anand 14.88 13.79 86 1006 9-Jan-20 T1L7B Dadarbairya ACC 14.09 14.22 87 1007 9-Jan-20 N-31 Dadarbairya ACC 15.23 15.88 Dadarbairya 88 1008 10-Jan-20 R-16 ACC 14.44 15.57 89 1009 11-Jan-20 T3L25A Dadarbairva 14.64 ACC 15.96 90 1010 12-Jan-20 T3I 10A Dadarbairya ACC 13.88 15.75 91 1011 12-Jan-20 R-46 Dadarbairya 14.99 14.55 Anand 92 1012 12-Jan-20 R-5 Dadarbairya Anand 13.35 14.00 93 1013 12-Jan-20 N-7 Dadarbairya Anand 12.88 12.64 94 1014 12-Jan-20 T117A Dadarbairya ACC 14.16 14.52 95 1015 13-Jan-20 N-8 Dadarbairya ACC 13.01 12.66 96 1016 R-26 13-Jan-20 Dadarbairya ACC 15.71 14.21 97 1017 13-Jan-20 T1L7A Dadarbairya ACC 13.86 14.63 98 1018 14-Jan-20 R-2 Dadarbairya Anand 15.09 14.87 99 1019 14-Jan-20 T3L10A Dadarbairya 12.67 Anand 14.87 Sp. Limit <20% >8 to 10 N/mm2

Comments:-			
	onlip latter		
QUETION	Contractor	Consult	ant
12	GROUP INTERNATIONAL ENGINEERING CO	BUILDING DESIGN AUTHORITY (P) LT CONSULTANCY PVT. LTD AND PLUS EI KATHMARDL	NGINEERS & ARCHITECTS (P) LT
	R	Nonethun	NP AG
Cheeked By	Submitted By	Verified By	Approved By
Engineer hirendra Yadav	Contract Manager Rabindra Kr. Thakur	Expert Qty Sårveyor/CSE H.K.Mandal/Rajan Shrestha	Team Leader Giresh Chand



				Biratnagar Me ontract No:- R ummary Sheet Of	UDP/ICB/I	BRT-02		
							Month	January
	14	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					Year Type of Material	2020 Brick
S.N.	Lab Ref.No.	Testing Date	Location of Sample	Source of Brick	Name of Brick	Water Absorption of Brick(%)	Strength of Brick(N/mm ²)	Remarks
100	1020	14-Jan-20	T2L24	Dadarbairya	ACC	13.58	16.12	
101	1021	14-Jan-20	R-46	Dadarbairya	ACC	13.99	14.75	
102	1022	14-Jan-20	T1L7A	Dadarbairya	ACC	14.45	14.47	
103	1023	14-Jan-20	N-3	Dadarbairya	Anand	13.17	14.80	
104	1024	15-Jan-20	R-12	Dadarbairya	ACC	12.91	13.76	
105	1025	15-Jan-20	T1L8B	Dadarbairya	ACC	12.43	12.91	
106	1026	15-Jan-20	T3L25A	Dadarbairya	ACC	13.89	13.38	
107	1027	15-Jan-20	T3L10A	Dadarbairya	ACC	12.72	14.40	
108	1028	15-Jan-20	R-26	Dadarbairya	ACC	13.30	15.68	
109	1029	16-Jan-20	T2L24	Dadarbairya	Anand	13.74	14.18	
110	1030	16-Jan-20	N-31	Dadarbairya	Anand	12.44	16.13	
111	1031	16-Jan-20	R-26	Dadarbairya	ACC	14.48	14.87	
112	1032	16-Jan-20	R-2	Dadarbairya	ACC	13.91	14.47	
113	1033	17-Jan-20	T2L24	Dadarbairya	ACC	13.38	14.64	
114	1034	17-Jan-20	R-2	Dadarbairya	ACC	13.37	15.09	
115	1035	17-Jan-20	T1L7A	Dadarbairya	Anand	12.73	14.47	
116	1036	17-Jan-20	R-26	Dadarbairya	Anand	13.25	14.82	
117	1037	17-Jan-20	N-8	Dadarbairya	Anand	13.36	16.89	
118	1038	18-Jan-20	T1L7B	Dadarbairya	Anand	13.07	13.16	
119	1039	18-Jan-20	N-7	Dadarbairya	ACC	13.17	16.26	
120	1040	18-Jan-20	R-5	Dadarbairya	ACC	13.68	16.10	
121	1041	19-Jan-20	R-46	Dadarbairya	ACC	12.29	14.03	
122	1042	19-Jan-20	T3L10A	Dadarbairya	Anand	13.72	14.92	
123	1043	19-Jan-20	T3L25A	Dadarbairya	Anand	13.10	14.92	
124	1044	19-Jan-20	R-16	Dadarbairya	Anand	14.25	15.52	
125	1045	19-Jan-20	N-31	Dadarbairya	Anand	14.03	13.52	
126	1046	20-Jan-20	T1L8B	Dadarbairya	ACC	14.05	14.80	
127	1047	20-Jan-20	R-12	Dadarbairya	ACC	13.92	14.41	
128	1048	20-Jan-20	N-3	Dadarbairya	ACC	12.88	13.79	
129	1049	20-Jan-20	T2L24	Dadarbairya	ACC	12.00		
130	1050	21-Jan-20	T1L7A	Dadarbairya	Anand	13.93	13.46	
131	1051	21-Jan-20	R-5	Dadarbairya	Anand	13.93	14.85	/
132	1052	22-Jan-20	T3L25A	Dadarbairya	Anand	12.42	14.85	
	-		Sp. Limit	·	- mana	<20%		100-
omn	nents:-	CTION OR	OUP WILL AND PLAN			<20%	>8 to 10 N/mm ²	
		1200	Contractor	6		Consu	ltant	
HON	GHENG C	ONSTRUCTION G	ROUP INTERNATIONAL	ENGINEERING CO.	BUILDING	DESIGN AUTHORITY (P) ICY PVT. LTD AND RUIS KATUMANI	ENGINEERS & ARCHITE	WITH B.N. CTS (P) LTD,
	(Ed By		h		X	PU BIN	DP)



		K		Biratnagar Me Contract No:- R Jummary Sheet Of	etropolitan UDP/ICB/	City BRT-02	JECT	
							Month Year Type of Material	January 2020 Brick
s.N.	Lab Ref.No.	Testing Date	Location of Sample	Source of Brick	Name of Brick	Water Absorption of Brick(%)	Strength of Brick(N/mm ²)	Remarks
133	1053	22-Jan-20	T1L8B	Dadarbairya	ACC	13.30	16.04	
134	1054	22-Jan-20	T3L10A	Dadarbairya	ACC	13.01	15.74	
135	1055	22-Jan-20	N-31	Dadarbairya	ACC	12.93	14.69	
136	1056	22-Jan-20	R-16	Dadarbairya	ACC	13.35	15.01	
137	1057	22-Jan-20	T1L7B	Dadarbairya	ACC	12.83	14.37	
138	1058	22-Jan-20	R-46	Dadarbairya	ACC	13.22	14.72	
139	1059	22-Jan-20	T2L24	Dadarbairya	ACC	12.87	15.00	
140	1060	22-Jan-20	T3L25A	Dadarbairya	Anand	13.32	15.99	- the second sec
141	1061	23-Jan-20	R-26	Dadarbairya	Anand	13.25	14.38	
142	1062	23-Jan-20	R-5	Dadarbairya	Anand	13.69	15.08	
143	1063	23-Jan-20	N-7	Dadarbairya	Anand	14.70	16.34	
144	1064	23-Jan-20	R-16	Dadarbairya	Anand	13.48	14.21	
145	1065	24-Jan-20	R-26	Dadarbairya	Anand	15.49	12.46	
146	1066	24-Jan-20	R-5	Dadarbairya	Anand	12.90	13.34	
147	1067	24-Jan-20	T3L10A	Dadarbairya	Anand	15.56	12.50	
148	1068	24-Jan-20	T1L7B	Dadarbairya	Anand	12.50	13.27	
149	1069	24-Jan-20	N-3	Dadarbairya	Anand	13.16	13.60	
150	1070	24-Jan-20	R-2	Dadarbairya	Anand	12.87	14.75	
151	1071	24-Jan-20	R-2	Dadarbairya	Anand	14.17	15.24	
152	1072	24-Jan-20	R-12	Dadarbairya	Anand	14.28	16.33	
153	1073	25-Jan-20	T1L7B	Dadarbairya	Anand	14.58	14.08	
154	1074	25-Jan-20	T3L25A	Dadarbairya	ACC	14.58	14.08	/
		20 041 20	1002011	Dudurbunyu	Acc	13.15	14.21	
	-							
Comr	nents:-		Sp. Limit			<20%	>8 to 10 N/mm ²	
		AUGTION DAL	Contractor			Cons	ultant	
ZHON	IGHENG (CONSTRUCTION	SROUP INTERNATIONAL	L ENGINEERING CO.		DESIGN AUTHORITY (P) NCY PVT. LTD AND PLOS KATHMAN		
Q.V Cher	ked By		Submitt Contract N		¹	Good !!!	Biratmode Biratmode Approved Team Leas	



		1ary 20	Agg	Remarks								, in								/					URE WITH RS &		ed By cader ^{hand}
	-	2020	20 mm Agg	A.L.V.%	11 10	17.88	19.97	20.44	10.07	19.43	20.66	20.43	16.67	16.67	19.80	21.08	18.19	21.08	21.86	20.42	18.86	>	< 25		T VENTI NGINEE NEPAL	CH)	Approved By Team Leader Girech Chand
	th l	ar .	Aaterial	Fl and El %	18 36/14 37	15.90/17.70	17.27/20.21	17.15/18.39	CC./1//C.01	18.16/17.27	21.00/17.54	20.57/16.96	18.90/18.32	18.52/17.46	18.38/15.85	18.96/17.53	19.21/17.61	17.80/17.03	18.87/17.49	A7.81/17.37	17.95/15.22	>	< 25	nt	BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT-LTDAND PLUS ENGINEERS & ARCHITECTS (P) 1570, KANMANDU, NEPAL	PLUS	A Biratnayar +
IECI	Month	Year	Type of Material	L.A.A.%	01.70	24.96	29.00	27.98	00.42	24.24	23.10	28.30	26.84	27.76	0/.17	27.70	29.28	26.04	30.18	28.60	30.96	>	<35	Consultant	UTY (P)	RUD BUD	Biratin
PK0.	Agg.			eight	5	1.14	1.89	1.37	3 41	3.13	2.25	2.62	3.63	1.68	1.88	2.02	1.34	1.68	1.94	1.87	2.06	>	0~2		UTHOR NCY P	ised pr	1.i.e.
lty 7-02	of 20mm			Sieve Size in mm / % Passing by weight	10	3.97	12.69	8.37	10.71	11.48	14.63	10.54*	11.63	12.44	4.07	4.19	16.08	3.30	3.61	5.73	06.9		0~25		ESIGN A NSULTA RCHITE	X	Expert Oty Surveyor/CSE H.K. Mandal/Raian Shrestha
OPIN olitan C CB/BR	Report			m / % Pa	14 22 42	24.43	39.70	35.29	76.50	25.85	58.27	24.70	26.53	26.18	12.5/	20.55	51.63	22.03	25.27	26.68	/15.90	2	6~76		B.N. CO		(ernfied By Oty Surveyc
L V E.L Ietropo RUDP/I	nly Test			Size in m	87 34	88.68	88.33	89.16	93.64	93.67	94.32	90.95	89.86	89.78	10.68	88.11	89.75	90.23	95.34	95.50	94.84		85~109		BUILI	ħ.	Expert C
IKBAIN DEVELOPME) Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02	of Montl	•		Sieve	5/.5	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		100		AL		By ager nakur
GIUNAL UKBAN DEVELUPMENT PROJECT Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02	Summary Sheet of Monthly Test Report of 20mm Agg.			Source of Sample	Chisano Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Mola	Chisang Khola		Spec. Limit :		ROUP INTERNATIONAL O. LTD	U	Submitted By Contract Manager Rabindra K. Thakur					
KEGIO	001			Location of	Sample R-2	TILTA	R-26	N-7 D-5	R-46	T3L25A	T3L10A	R-16 **	N-31	B 105	T11 8B	R-82	N-3	R-84	T2L24	Koshi-Yard	R-15			Contractor	TION GROUP I RING OO. LTD		
				Date of Testing	2-Jan-20	2-Jan-20	3-Jan-20	4-Jan-20 4-Ian-20	5-Jan-20	6-Jan-20	8-Jan-20	8-Jan-20	8-Jan-20	11-1an-20	13-Ian-20	14-Jan-20	16-Jan-20	16-Jan-20	17-Jan-20	17-Jan-20	19-Jan-20			Co	ZHONGHENGCONSTRUCTION G	DOUD INTERA	
				Lab.Ref no.	RUDP-CA-497	RUDP-CA-498	RUDP-CA-499	RUDP-CA-500 RUDP-CA-501	RUDP-CA-502	RUDP-CA-503	RUDP-CA-504	RUDP-CA-505	RUDF-CA-506	RUDF-CA-508	RUDP-CA-509	RUDP-CA-510	RUDP-CA-511	RUDP-CA-512	RUDP-CA-513	RUDP-CA-514	RUDP-CA-515				ZHONGHENG	/	Checked By Engineer Dhirendra Yadav
				S.n.	-	2	ω.	4 v	9	7	+	+	+	12	+	+	15	-	-	-	19	-				,	Dhir

	Januarv	2020	20 mm Agg	Domonto	Includer KS														1				URE WITH ERS &	Approved By Team Leader
	.lan	2(20 mi	A T V 0/	A.I. V. 70	22.88	20.23	19.05	21.72	18.34	20.32	23.29	21.70	19.43	17.60	-)				< 25		T VENT NGINEI NEPAL	Appro
	4	-	laterial	El and EI 0/	FI AULT 1/0	19.08/17.84	21 00/17 10	17.75/16.94	18.23/16.91	17.06/14.27	20.85/17.11	18.53/16.09	17.50/19.01	16.06/12.74	20.48/19.27	/	>				< 25	nt	BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) LTD, TATHMANDU, NEPAL	SIBNIPLUS JAL * Johnson
	Month	Year	Type of Material	1 A A 0/2	0/ ·U·U·	30.04	30.02	31.76	30.70	- 26.38	27.74	22.10	24.98	29.58	28.10					/	<35	Consultant	UTY (P) I	Bisa Build
rko.	Agg.			ight	2	2.18	3.75	3.61	3.57	3.46	2.07	3.29	2.54	2.49	2.55	1	>				0~5 (UTHOR NCY PV CTS (P)	
ity -02	f 20mm			Sieve Size in mm / % Passing by weight	10	6.90	9 71	9.74	10.00	10.89	4.73	7.58	5.51	6.17	5.62)				0~25		ESIGN ^A NSULTA RCHITE	Wertified By Verified By Expert Qty Sulveyor/CSE
ULIM litan C CB/BRT	Report o			m / % Pas	14	16.49	23.85	21.98	27.31	26.69	29.21	42.90	37.77	40.52	46.46	~	>				0~70		Al Al	Verified By Expert Oty Subveyor/CSI H K Mandal/B sian Schoodha
L V L L	ly Test]			Size in m	20	95.13	93.11	93.70	94.39	93.55	97.54	95.32	93.92	95.02	/ 95.78		>				85~100		BUILI	Expert Q
RUPALN DE VELOUTIME Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02	of Month			Sieve	37.5	100.00	100.00	100.00	100.00	100.00	100.00	100.00	-100.00	100.00	100.00		>				100		AL	By ager
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02	Summary Sheet of Monthly Test Report of 20mm Agg.			Source of Sample		Chisang Khola	Chisang Khola Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola						Spec. Limit :		CO. LTD	Sumitted By Contract Manager Rahindra K Thakur
	N			f	e	K-3	Madhumara-Yard	T3L10A	R-4	Madhumara-Yard	TIL7B	R-12	T3L25A	R-82	R-46			-				ntractor	TION COLUT IT	
				Date of Testing		21-Jan-20	21-Jan-20 21-Jan-20	21-Jan-20	22-Jan-20	22-Jan-20	23-Jan-20	23-Jan-20	25-Jan-20	25-Jan-20	28-Jan-20							Contractor		
				Lab.Ref no.	-	BUDP-CA-510	RUDP-CA-518	RUDP-CA-519	RUDP-CA-520	RUDP-CA-521	RUDP-CA-522	RUDP-CA-523	KUDP-CA-524	KUDP-CA-525	RUDP-CA-526								ZHONGHENG	Checked By Engineer Dhirendra Yadav
				S.n.	00	107	22	23		-	+	-	+	-	30		1							Dhi Dhi

	January ·	2020	Cancrete Sand		Remarks																				BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (PMPH)/(KATHMANDI) NEPAL		d By	ader
	Jai	5	Caner	Clav	Contetnt%	1.65	1.34	1.02	1.54	1 36	1.31	1.35	1.51	1.49	1.18	1.1/	1.75	1.50	1.29	1.20	1.06	1.42	<3%		DING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE V B.N. CONSULTANCY PVT_LTD AND PLUS ENGINEERS & ARCHITECTS (PMOTP/ACTHMANDI) NEPAI	A	Approved By	Team Leader Giresh Chand
	th	-	of ial		0.150	3.01	3.51	4.88	4.69	5.93	6.90	8.11	7.26	6.59	7.14	5.30	7.88	4.20	5.27	5.18	6.13	5.02	0~15	}	OL NI U SU JA UN UN PLUS			
	Month	Year	Type of Material		0.300	18.76	16.33	10.71	12 07	13.72	18.25	27.26	29.46	27.74	10 36	17.66	20.18	15.57	17.60	12.18	11.68	14.32	5~74	Consultant	Y (P) LT LTD AI	SAIBNIPLU	1 * 1	
Pure				sing by we	0.600	36.78	34.08	30.10	20.72	28.57	34.94	36.19	39.46	43.07	30.78	30.08	32.55	20.56	23.49	36.79	18.26	25.76	1001CI		CY PVT	Bised Bri	At Biratnagar	
ty 02				mm / % Pas	1.18	46.50	49.96	36.29	34.52	37.80	42.14	46.58	52.50	53.05	20.58	37.23	39.67	52.38	53.19	61.45	41.29	39.40	1001-05		IGN AU [†] ULTAN HITECT			Expert Vry Surveyor/CSE H.K. Mandal/Raian Shrestha
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 heet of Monthly Test Renort of Co				Sieve Size in mm / % Passing by weight	2.36	70.82	71.39	81.20	78.66	78.04	67.80	79.58	68.36	70.46	63.87	71.60	73.88	82.35	80.40	83.89	68.88	61.72	001~00		NG DES N. CONS ARC	X		Expert Qty Surveyor/CSE H.K. Mandal/Raian Shrest
Aetropo RUDP/IC				Sie	5.0	95.41	95.71	91.08	03 10	92.76	93.62	91.25	92.60	94.11	93.27	94.35	94.27	94.23	94.56	95.03	97.85	91.32	001~60		BUILDI B.	1 All	Verified B	H.K. Man
nagar N act No:-					10	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00			AL			-
Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Renort of Concrete Sond				Council of Councils	source of sample	Chisang Khola	Chisang Khola	Chisang Khola	Chisano Khola	Chisang Khola	· mmr · pade		MATION	0	Submitted By	Contract Manager Rabindra K. Thakur												
				Location of	Sample	R-4	TILTA	T1L7B		R-26	R-2	R-46	T3LI0A	D_2	R-16	R-4	R-15	T1L7B	R-12	N-3	12L24	Madhumara-Yard		Contractor	ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL ENGINEERING CO. LTD	am * 2	•	
				Date of	Testing	2-Jan-20	2-Jan-20	5-Jan-20	5-Jan-20	6-Jan-20	6-Jan-20	7-Jan-20	0 Ion 20	10-Ian-20	12-Jan-20	12-Jan-20	13-Jan-20	13-Jan-20	13-Jan-20	15-Jan-20	12-Jan-20	07-uer-ci			CONSTR	N		
				I ah Ref no	LaUANT IIU.	RUDP-CS-573	RUDP-CS-574	RUDP-CS-576	RUDP-CS-577		-	+	RUDP-CS-381	+	+			-	-	DIIDP-CS-589	_				HONGHENG		Checked By	Dhirendra Yadav
		ä.,		u S	-	+	+	0 4	+	\square	+	~ ~		+-		13	-	+		18	+	-			Z	1440	Checked	Dhire

S.



<u>January, 2020</u>

	January	0707	Cancrete Sand	L	t% Remarks									. An										BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. CONSULTANCY PVT. LTD AND PLUS ENGINEERS &	AL		Annroved Rv	Team Leader Giresh Chand
			Ca	Clay	Contetnt%	1.65	1.28	1.41	1.21	1.44	1.48	1.14	1.29	1.52	1.34	1.55	0.95	-				<3%		INT VI	U, NEI	200	Annroved R	Team
	4		ial		0.150	5.40	5.10	7.71	3.74	. 9.27	7.45	6.96	69.9	6.00	5.24	5.18	4.84	1	>			0~15		or ni q	HMAND		BNIPL	US
CL	Month	Tvne of	-	ght	0.300	12.53	12.16	17.17	10.29	18.73	21.21	25.60	23.51	19.33	11.45	15.04	23.54	/	>			5~70		T. LTD AN	D, KAT	hority (b)	agn	- and
KOJF		-	*	sing by wei	0.600	25.31	42.44	44.28	41.92	31.53	30.26	36.18	32.80	44.41	32.07	34.84	42.57	1	>		T	15~100	0	HORIT TY PVT.	S (P) LT	anthority 101	2 6u	1
y y 2 ancrete 5				um / % Pass	1.18	42.06	51.91	60.65	53.31	52.30	62.64	55.19	51.21	67.19	54.92	61.33	60.66)	T		30~100		GN AUŢ	ARCHITECTS (P) LTD, KATHMANDU, NEPAL			r/CSE Shrestha
UPIMIE itan Cit B/BRT-0 port of C				Sieve Size in mm / % Passing by weight	2.36	65.63	78.44	79.81	65.09	66.22	75.24	65.77	69.21	75.58 **	77.49	86.97	86.42		>			60~100		VG DESI	ARCI	8d		Surveyo
IKBAN DEVELOPMEI Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 heet of Monthly Test Report of Ca				Sie	5.0	94.48	94.29	92.93	91.83	93.35	92.90	90.35	91.80	91.61	95.00	95.01	94.99)			89~100		BUILDI		Ou	Verified By	Expert Oty Surveyor/CSE H.K. Mandal/Raian Shrestha
act No:-					10	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00					100		IAL				
EGIOINAL UKBAIN DEVELOPIMENT PKOJECT Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Monthly Test Report of Cancrete Sand				Course of Counts	and the source	Chisang Khola	Chisang Khola	Chisang Khola	Chisang Khola					Spec. Limit :		GROUP INTERNATIONAL CO. ETD		0°	Submitted By	Contract Manager Rabindra K. Thakur								
NEGU				Location of	Sample	R-3	Koshi-Yard	T3L39A	TIL7B	R-2	T3L25A	TIL7A	R-4	Madhumara-Yard	T2L24	R-2	R-4						Peroluo Jurzan					
				Date of	Testing	15-Jan-20	17-Jan-20	17-Jan-20	18-Jan-20	2:1-Jan-20	21-Jan-20	22-Jan-20	22-Jan-20	24-Jan-20	26-Jan-20	28-Jan-20	28-Jan-20							ZHONGHENG CONSTRUCTION ENGINEERING				
				Lah Ref no	-011 1001-010	RUDP-CS-592	RUDP-CS-593	RUDP-CS-594	RUDP-CS-595	RUDP-CS-596	RUDP-CS-597	RUDP-CS-598	RUDP-CS-599	RUDP-CS-600	RUDP-CS-601	RUDP-CS-602	RUDP-CS-603							ONGHENC		Ň	Checked By	Engineer Dhirendra Yadav



Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Concrete CubeTest Report

									F	Page No 1 of	
								Month		Jan	uary
								Year		20	20
							T	pe of Materia	1	Conc.	Cube
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of Cement	Source of Sand+Agg.	Date of Casting	Date of 7 Days	Testing 28 Days	Strength 7 Days	n, N/mm2 28 Days	Concre Grad
1	T2L24B,	RUDP-2772	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20	, Dayo	22.80	M20
2	R-83	RUDP-2773	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		23.03	M20
3	TIL7A	RUDP-2774	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		23.25	M20
4	T1L7B	RUDP-2775	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		21.96	M20
5	Koshi-yard	RUDP-2776	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20		22.73	M15
6	R-39	RUDP-2777	Ambe Hi-tech	OPC	Chisang Khola	4-Dec-19	11-Dec-19	1-Jan-20	111111	22,03	M13 M20
7	R-44	RUDP-2778	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		23.21	M20
8	R-9	RUDP-2779	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		21.29	M20
9	Koshi-yard	RUDP-2780	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		21.96	M20
10	T3L25A	RUDP-2781	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		23.62	M20
11	T3L10A	RUDP-2782	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20		22.06	M20
12	R-12	RUDP-2783	Ambe Hi-tech	OPC	Chisang Khola	5-Dec-19	12-Dec-19	2-Jan-20			
13	R-44	RUDP-2784	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-20	13-Dec-20	3-Jan-21		21.51	M20
14	Koshi-yard	RUDP-2785	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-20	13-Dec-20	3-Jan-21		22.81	M20
15	T2L25D	RUDP-2786	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-20	13-Dec-20	3-Jan-21		21.74	M20
16	N-7	RUDP-2787	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-20 13-Dec-19	3-Jan-21 3-Jan-20		23.36	M20
17	T2L25D	RUDP-2788	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19				23.25	M20
18	R-5	RUDP-2788 RUDP-2789	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	* 3-Jan-20	1	22.66	M20
19	T3L10A	RUDP-2790	Ambe Hi-tech	OPC		6-Dec-19	13-Dec-19	3-Jan-20		23.10	M20
20	Koshi-yard	RUDP-2790	Ambe Hi-tech		Chisang Khola		13-Dec-19	3-Jan-20		23.13	M20
21	R-4	RUDP-2791 RUDP-2792	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		22.33 ·	M20
22	T3L10			OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		22.55	M20
23		RUDP-2793	Ambe Hi-tech	OPC	Chisang Khola	6-Dec-19	13-Dec-19	3-Jan-20		23.95	M20
24	T1L7B	RUDP-2794	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.51	M20
-	T3L10A	RUDP-2795	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		23.63	M20
25	T3L10A	RUDP-2796	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.36	M20
26	N-8	RUDP-2797	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		23.47	M20
27	R-2	RUDP-2798	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.88	M20
28	R-44	RUDP-2799	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.11	M20
29	R-12	RUDP-2800	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		23.21	M20
30	N-10	RUDP-2801	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.66	M20
31	Koshi-yard	RUDP-2802	Ambe Hi-tech	OPC	Chisang Khola	7-Dec-19	14-Dec-19	4-Jan-20		22.95	M20
32	T3L10	RUDP-2803	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		22.11	M20
33	R-26	RUDP-2804	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		21.51	M20
34	Koshi-yard	RUDP-2805	Ambe Hi-tech	OPC	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		22.43	M20
35	Madhumara-yard	RUDP-2806	Ambe Hi-tech	OPC '	Chisang Khola	8-Dec-19	15-Dec-19	5-Jan-20		27.16	M25
36	T3L25D	RUDP-2807	Ambe Hi-tech	OPC	Chisang Khola	9-Dec-19	16-Dec-19	6-Jan-20		23.10	M20
37	T3L24B	RUDP-2808	Ambe Hi-tech	OPC	Chisang Khola	9-Dec-19	16-Dec-19	6-Jan-20		22.18	M20
38	R-46	RUDP-2809	Ambe Hi-tech	OPC	Chisang Khola	10-Dec-20	17-Dec-20	7-Jan-21		21.71	M20
39	T3L10A	RUDP-2810	Ambe Hi-tech	OPC	Chisang Khola	10-Dec-19	17-Dec-19	7-Jan-20		23.43 .	M20
40	R-83	RUDP-2811	Ambe Hi-tech	OPC	Chisang Khola	10-Dec-19	17-Dec-19	7-Jan-20		· 23.10	M20
41	Koshi-yard	RUDP-2812	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		23.58	M20
42	Madhumara-yard	RUDP-2813	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		26.63	M25
43	R-5	RUDP-2814	Ambe Hi-tech	OPC	Chisang Khola	11-Dec-19	18-Dec-19	8-Jan-20		(22.03	M20
44	N-7	RUDP-2815	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		(22.26	M20
45	R-46	RUDP-2816	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		23.00	/ M20
46	R-39	RUDP-2817	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20	5	23.25	M20
47	Koshi-yard	RUDP-2818	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		22.21	M20
		Contract	or					sultant			N120
	HONGHEN	AL ENGIN	NEERING C		BUILDING D CONSULTA	NCY PVT.	THORITY (F LTD AND P LTD KATHA	LUS ENGIN	EERS & A	TURE WI	TH B.I CTS (P)
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heel	ked By		Submitt	ed By	Verified By		* Biratnat	art	Ar	proved By	
noin	eer		Contract N	lanager	Expert Qty Surv	evor/CSE	"athat	/	-	am Leader	
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Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Concrete CubeTest Report

									Р	age No 1 of	
								Month		Jan	uary
								Year		20	20
-						14 - C C C C C C C C	T	pe of Material	1	Conc.	Cube
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of	Source of	Date of	Date of	Testing	Strength	, N/mm2	Concre
		, But retriet.	rype or cement	Cement	Sand+Agg.	Casting	7 Days	28 Days	7 Days	28 Days	Grad
48	R-12 '	RUDP-2819	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		22.03	M20
49	R-4	RUDP-2820	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		23.36	M20
50	R-4	RUDP-2821	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		16.92	M15
51	R-4	RUDP-2822	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20			
52	R-12	RUDP-2823	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		21.66	M20
53	Koshi-yard	RUDP-2824	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19	19-Dec-19	9-Jan-20		22.51	M20
54	Madhumara-yard	RUDP-2825	Ambe Hi-tech	OPC	Chisang Khola	12-Dec-19				22.21	M20
55	T3L10	RUDP-2826	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	19-Dec-19	9-Jan-20		26.17	M25
56	T3L25A	RUDP-2827	Ambe Hi-tech	OPC		-	20-Dec-19	10-Jan-20		24.14	M20
57	R-12	RUDP-2828	Ambe Hi-tech		Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		22.51	M20
58	R-12 R-26			OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		23.36	M20
59		RUDP-2829	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		22.26	M20
	Koshi-yard	RUDP-2830	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		23.65	M20
60	R-3	RUDP-2831	Ambe Hi-tech	OPC	Chisang Khola	13-Dec-19	20-Dec-19	10-Jan-20		23.03	M20
61	R-46	RUDP-2832	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		22.96	M20
62	R-4	RUDP-2833	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-20	21-Dec-20	11-Jan-21		16.16	M15
63	R-44	RUDP-2834	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		21.56	M20
64	R-39	RUDP-2835	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		24.54	M20
65	R-4	RUDP-2836	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		22.18	M20
66	R-5	, RUDP-2837	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		23.36	M20
67	R-2 ·	RUDP-2838	Ambe Hi-tech	OPC	Chisang Khola	14-Dec-19	21-Dec-19	11-Jan-20		22.58	
68	R-3	RUDP-2839	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20			M20
69	Koshi-yard	RUDP-2840	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19			23.18	M20
70	N-2	RUDP-2841	Ambe Hi-tech	OPC				12-Jan-20		22.58	M20
71	N-10	RUDP-2842	Ambe Hi-tech		Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		21.41	M20
72	- In World's			OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		23.10	M20
-	R-9	RUDP-2843	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20	-	23.28	M20
73	TIL7A	RUDP-2844	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		22.96	M20
74	R-4	RUDP-2845	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		17.61	M15
75	R-4	RUDP-2846	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		22.18	M20
76	R-12	RUDP-2847	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		23.80	M20
77	R-44	RUDP-2848	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		22.08	M20
78	Koshi-yard	RUDP-2849	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		23.21	M20
79	N-7	RUDP-2850	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		22.81	M20
80	N-8	RUDP-2851	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20		22.01	Subsets
81	T1L7A	RUDP-2852	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19	12-Jan-20			M20
82	T3L24B	RUDP-2853	Ambe Hi-tech	OPC	Chisang Khola	15-Dec-19	22-Dec-19			23.36	M20
83	R-5	RUDP-2854	Ambe Hi-tech	OPC	Chisang Khola			12-Jan-20		22.18	M20
84	R-83	RUDP-2855	Ambe Hi-tech	OPC		15-Dec-19	22-Dec-19	12-Jan-20		23.36	M20
85	T3L10A	RUDP-2855			Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		23.43	M20
-			Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		22.18	M20
86	R-3 .	RUDP-2857	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		22.59	M20
87	Koshi-yard	RUDP-2858	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		23.58	M20
88	R-4	RUDP-2859	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		16.62	M15
89	R-4	RUDP-2860	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		17.66	M15
90	Madhumara-yard	RUDP-2861	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20		27.46	M15 M25
91	TILL7B	RUDP-2862	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20			
92	T3L25A	RUDP-2863	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19 23-Dec-19	13-Jan-20		23.13	M20
93	R-5	RUDP-2864	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19				22.88	M20
94	N-8	RUDP-2865	Ambe Hi-tech	OPC	Chisang Khola	16-Dec-19	23-Dec-19	13-Jan-20	- N.	21.66	M20
- 1				OFC	Chisang Khola	10-Dec-19	23-Dec-19	13-Jan-20	-	21.86	M20
	/	Contracto					Con	sultant			
Z	HONGHEN	GROUP INTERNATION	UCTION GE	ROUP D. LTD	BUILDING D CONSULTA	NCY PVT.	THORITY (F LTD AND P LTD, KASHN) LTD IN JO US ENGIN IANDU, NE	EERS & A	TURE WI RCHITEC	TH B.N TS (P)
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2	<u></u>	the out of	R		Mont	Jo X	tuittiin *	Biratnagat *	/	R	
hect	ked By		Submitte	d By	Verified By					n nous d D	
ngin						-				proved By	
-	idra Yadav		Contract M Rabindra K.	-	Expert Qty Surv				Te	am Leader	
iron					H.K. Mandal/Raja						



REGIONAL URBAN DEVELOPMENT PROJECT Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Concrete CubeTest Report Page No 1 of 3 Month January Year 2020 Type of Material Conc. Cube Type of Brand of Source of Date of Testing S N Location Date of Lah Refno Strength, N/mm2 Concrete Cement Sand+Agg Casting 28 Days 7 Days 7 Days Grade 28 Davs 95 N-2 RUDP-2866 Ambe Hi-tech OPC Chisang Khola 16-Dec-19 23-Dec-19 13-Jan-20 23.28 MO 96 **R-9** RUDP-2867 Ambe Hi-tech OPC Chisang Khola 16-Dec-19 23-Dec-19 13-Jan-20 21.96 M20 97 N-10 RUDP-2868 Ambe Hi-tech OPC 16-Dec-19 Chisang Khola 23-Dec-19 13-Jan-20 23.03 M20 98 R-12 RUDP-2869 Ambe Hi-tech OPC Chisang Khola 16-Dec-19 23-Dec-19 13-Jan-20 22.26 M20 99 Koshi-yar RUDP-2870 Ambe Hi-tech OPC Chisang Khola 16-Dec-19 23-Dec-19 13-Jan-20 22.84 M20 100 RUDP-2871 R-46 Ambe Hi-tech OPC Chisang Khola 16-Dec-19 23-Dec-19 13-Jan-20 23.58 M20 101 R-5 RUDP-2872 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 22.63 M20 102 Koshi-yard RUDP-2873 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 22.26 M20 103 **RUDP-2874** Koshi-yard Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 23.00 M20 104 R-12 RUDP-2875 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 21.93 M20 105 TIL7A RUDP-2876 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 17-Dec-19 14-Jan-20 22.48 M20 106 Madhumara-ya RUDP-2877 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 26.55 M25 107 Koshi-vard RUDP-2878 Ambe Hi-tech OPO Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 32.73 M30 108 RUDP-2879 T2L24B Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 22.18 M20 109 R-44 RUDP-2880 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 22.48 M20 110 N-7 RUDP-2881 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 22.91 M20 111 RUDP-2882 R-2 Ambe Hi-tech OPC Chisang Khola 17-Dec-19 24-Dec-19 14-Jan-20 23.21 M20 112 Koshi Yard RUDP-2883 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 23.13 M20 113 T3L10 RUDP-2884 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.11 M20 114 T2L25D RUDP-2885 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.26 M20 115 R-12 RUDP-2886 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.30 M20 116 R-5 RUDP-2887 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 M20 117 Koshi Yard RUDP-2888 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.88 M20 118 T3L25A RUDP-2889 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 M20 119 N-10 RUDP-2890 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.73 M20 120 R-4 RUDP-2891 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.41 M20 121 R-39 RUDP-2892 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.9 M20 122 R-9 RUDP-2893 Ambe Hi-tech OPC Chisang Khola 18-Dec-19 25-Dec-19 15-Jan-20 22.11 M20 123 R-4 RUDP-2894 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 18.28 M215 124 R-4 RUDP-2895 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 18.42 M-15 125 T3L10 RUDP-2896 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 22.55 M20 126 R-39 RUDP-2897 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 22.96 M20 127 N-2 RUDP-2898 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 21.81 M20 128 R-2 RUDP-2899 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 22.73 M20 129 Koshi Yard RUDP-2900 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-15 16-Jan-20 23 58 M20 130 K shi Yard RUDP-2901 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 22.84 M20 131 T2L24E RUDP-2902 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 M20 132 R-46 RUDP-2903 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 23.36 M20 RUDP-2904 133 R-26 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 23.0 M2 134 R-2 RUDP-2905 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 22.26 M20 135 R-4 RUDP-2906 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-15 16-Jan-20 22.48 M20 136 Madhumara-Yard RUDP-2907 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 26.32 M25 137 Koshi Yard RUDP-2908 Ambe Hi-tech OPC Chisang Khola 19-Dec-19 26-Dec-19 16-Jan-20 33.00 M30 138 TIL7B RUDP-2909 Ambe Hi-tech OPC Chisang Kho!a 20-Dec-19 27-Dec-19 17-Jan-20 22.11 M20 139 T3L25A RUDP-2910 Ambe Hi-tech OPC Chisang Khoia 20-Dec-19 27-Dec-1 17-Jan-20 M20 23,28 RUDP-2911 140 T3L10 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Deg-1 17-Jan-20 120 141 Koshi Yard RUDP-2912 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 22.48 M20 Contractor Consultant BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N. ZHONGHENG CONSTRUCTION GROUP CONSULTANCY PVT. LTD AND PLOS ENGINEERS & ARCHITECTS (P) INTERNATIONAL ENGINEERING CO. LTD LTD, KATHMANDU, NEPAL RUD 714 9/1 Checked By Bir Submitted By Verified By Approved By Engineer Contract Manager Expert Qty Surveyor/CSE Team Leader Dhirendra Yaday Rabindra K.Thakur H.K. Mandal/Rajan Shrestha Giresh Chand



REGIONAL URBAN DEVELOPMENT PROJECT Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Concrete CubeTest Report Page No 1 of 4 Month January Year 2020 Type of Material Conc. Cube Type of Brand of S.N Source of Date of Testing Location Lab Ref.no Date of Strength, N/mm2 Concrete Cement Cement Sand+Agg. Casting 7 Days 28 Days Grade 7 Davs 28 Days 142 Koshi Yard RUDP-2913 Ambe Hi-te OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 22 90 M20 Koshi Yard 143 RUDP-2914 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 23.36 M20 144 R-4 RUDP-2915 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 23.73 M20 145 R-3 RUDP-2916 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 22.96 M20 146 R-46 RUDP-2917 Ambe Hi-tech OPC 20-Dec-19 Chisang Khola 27-Dec-1) 17-Jan-20 22.18 M20 147 R-44 RUDP-2918 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-10 17-Jan-20 23.65 M20 148 Madhumara-Yard RUDP-2919 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 27-Dec-19 17-Jan-20 27.45 M25 149 N-7 RUDP-2920 Ambe Hi-tech OPC Chisang Khola 20-Dec-19 17-Jan-20 27-Dec-19 23.58 M20 150 Koshi Yard RUDP-2921 Ambe Hi-tech OPO Chisang Khola 21-Dec-19 27-Dec-19 18-Jan-20 22.41 M20 151 Koshi Yard RUDP-2922 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.73 M20 152 R-12 RUDP-2923 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.60 M20 153 T3L24B RUDP-2924 Amhe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 23.21 M20 154 RUDP-2925 R-26 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 18-Jan-20 28-Dec-19 22.29 M20 155 N-7 RUDP-2926 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.03 M20 156 TIL7B RUDP-2927 Ambe Hi-tech OPO Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 23,50 M20 157 R-4 RUDP-2928 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 16.99 M15 158 R-4 RUDP-2929 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 18-Jan-20 28-Dec-19 16.92 M15 159 R-44 RUDP-2930 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.51 M20 160 RUDP-2931 N-8 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.11 M20 161 R-2 RUDP-2932 Ambe Hi-tech OPC Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 22.95 M20 162 R-5 RUDP-2933 Ambe Hi-tech OPO Chisang Khola 21-Dec-19 28-Dec-19 18-Jan-20 23,28 M20 163 R-39 RUDP-2934 Ambe Hi-tech OPC Chisang Khola 22-Dec-19 29-Dec-19 19-Jan-20 22.88 M20 164 R-12 RUDP-2935 Ambe Hi-tech OPC Chisang Khola 22-Dec-19 29-Dec-19 19-Jan-20 22.58 M20 165 Koshi-yard RUDP-2936 Ambe Hi-tech OPC Chisang Khola 22-Dec-19 29-Dec-19 19-Jan-20 22.48 M20 Madhumara-yard 166 RUDP-2937 Ambe Hi-tech OPC Chisang Khola 22-Dec-19 29-Dec-19 19-Jan-20 27.08 M25 167 RUDP-2938 Chisang Khola R-4 Ambe Hi-tech OPC 22-Dec-19 29-Dec-19 19-Jan-20 17.59 M15 168 R-4 RUDP-2939 Ambe Hi-tech OPO Chisang Khola 19-Jan-20 22-Dec-19 29-Dec-19 18.19 MIS 169 Koshi-yard RUDP-2940 Ambe Hi-tech 22-Dec-19 OPC Chisang Khola 29-Dec-19 19-Jan-20 22.11 M20 170 T3L24B RUDP-2941 Ambe Hi-tech OPC Chisang Khola 22-Dec-19 29-Dec-19 19-Jan-20 21.56 M20 Koshi-vard RUDP-2942 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 23.80 M20 172 Koshi-yard RUDP-2943 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 22.66 M20 173 R-5 RUDP-2944 Ambe Hi-tech OPC Chrsang Khola 23-Dec-19 30-Dec-19 20-Jan-20 22.9 M20 174 TIL7A RUDP-2945 Ambe Hi-tech OPC Chisang Khola 30-Dec-19 20-Jan-20 23-Dec-19 22.51 M20 175 Koshi-yard RUDP-2946 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-15 20-Jan-20 23.13 M20 176 R-4 RUDP-2947 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 23.28 M20 177 R-39 RUDP-2948 Ambe Hi-tech OPO Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 22.33 M20 178 RUDP-2949 R-2 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 22.95 M20 179 R-44 RUDP-2950 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 21.90 M20 180 RUDP-2951 T2L25D Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 22.73 M20 181 Koshi-yard RUDP-2952 Ambe Hi-tech OPC Chisang Khola 23-Dec-19 30-Dec-19 20-Jan-20 32.21 M30 182 R-4 RUDP-2953 Ambe Hi-tech 24-Dec-19 OPC Chisang Khola 31-Dec-19 21-Jan-20 16.84 M15 183 R-4 RUDP-2954 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-19 21-Jan-20 21.80 M20 184 Koshi-yard RUDP-2955 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-19 21-Jan-20 22.84 M20 185 R-5 RUDP-2956 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-19 21-Jan-20 23 55 M20 186 R-12 RUDP-2957 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-19 21-Jan-20 22.44 M20 187 T1L7A RUDP-2958 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-19 21-Jan-20 22.69 M20 188 Koshi-yard RUDP-2959 Ambe Hi-tech OPC Chisang Khola 24-Dec-19 31-Dec-13 21-Jan-20 23.21 M20 Contractor Consultant BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B.N ZHONGHENG CONSTRUCTION GROUP CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (P) INTERNATIONAL ENGINEERING CO. LTD TDYKATAIMANDU, NEPAL J 110 % RUDP Cheeked By Submitted By Verified By * Biratna Approved By Engineer Contract Manager Expert Qty Surveyor/CSE Team Leader Dhirendra Yadav Rabindra K.Thakur H.K. Mandal/Rajan Shrestha Giresh Chand



Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Concrete CubeTest Report

Sector Sector Spec Of Center Perform Source of Center Source of Center Source of Center Date of Center									Month		age No 1 of Jan	uary
No. Location Lab Rafin Npp of Cennent Brand C Cannet Source of Sand-Agg Cannet Date of Cennett Strong-Agg 19 <th></th>												
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Instrum Direct Construm Sandr Age Casing Page	S N	Logation	Lab Dafaa	T CO	Brand of	Source of	Date of			1 2010	Conversion of the second se	1
1010 R-44 KUP-200 Ambe Hose OPC Chanag Kada 24-Decol 31-Decol 21-Jamo No. 22.56 No. 101 R-57 KUDP-200 Ambe Hose OPC Chanag Kada 24-Decol 31-Decol 21-Jamo2 No. 21-Jamo2 11-Jamo2 21-Jamo2 No. 21-Jamo2 No. 21-Jamo2 No. 21-Jamo2 11-Jamo2 11-Jamo2 21-Jamo2 11-Jamo2 21-Jamo2 11-Jamo2 11-Jamo2 </td <td>5.IN.</td> <td>Location</td> <td>Lab Ker.no.</td> <td>Type of Cement</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Grad</td>	5.IN.	Location	Lab Ker.no.	Type of Cement								Grad
198 8.9 8.00-200 Amb Hood OPC Chang Kala 24-Dec19 31-Dec19 21-Jan-20 1-Jan-20 21-J	189	R-44	RUDP-2960	Ambe Hi-tech	OPC	Chisang Khola	24-Dec-19		-	/ Days		-
191 R-3-9 RUP-290 Amb H-set OPC Chang Kola 24-ber-19 11-ber-19 21-bar-20 N N 21-bar-20 N 21-bar-20 N N N N N N N N N N N N <td>190</td> <td>R-5</td> <td>RUDP-2961</td> <td>Ambe Hi-tech</td> <td>OPC</td> <td>Chisang Khola</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M20</td>	190	R-5	RUDP-2961	Ambe Hi-tech	OPC	Chisang Khola						M20
192 N-7 KUDP-290 Amb Hister OPC Chang Kalal 24-De-19 31-De-19 31-De-19 31-De-19 31-De-19 21-Jan-20 KD 22-99 KD 101 R426 KUDP-296 Amb Hister OPC Chiang Kbal 24-De-19 31-De-19 31-De-21 31-De-21 31-De-30 22-Jan-20 1-K 2-Jan-20 1-K K K	191	R-39	RUDP-2962	Ambe Hi-tech	OPC				-			M20
193 R-26 RUDP-2964 Ambe Heach OPC Chiang Kloha 24-Dec19 11-Dec19 21-Jan-20 22.99 N 194 N-44 RUDP-205 Ambe Heach OPC Chiang Kloha 24-Dec19 11-Dec19 21-Jan-20 12-Jan-20 12-Jan-20 12-Jan-20 12-Jan-20 12-Jan-20 14-Jan-20 12-Jan-20 14-Jan-20 12-Jan-20 14-Jan-20 12-Jan-20 14-Jan-20 12-Jan-20 14-Jan-20 12-Jan-20 13-Jan-21 12-Jan-20	192	N-7										M20
194 N-4 RUD-2985 Amb Histeh OPC Chiang Kloal 24-Decil 31-Decil 21-Jan20 22-Jan30 142 22-Jan30 142 22-Jan30 143 22-Jan30 <td>193</td> <td>R-26</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>M20</td>	193	R-26								-		M20
193 R-2 RUDP-2966 Ambe Hi-sch OPC Chang Khola 25-Deci 11-18-20 23-Jan-20 14.83 22.33 M 106 TLL7A RUDP-2967 Ambe Hi-sch OPC Chang Khola 25-Deci 11-In-20 23-Jan-20 14.83 22.33 M 107 TLL7B RUDP-2967 Ambe Hi-sch OPC Chang Khola 25-Deci 23-Jan-20 15.35 22.39 M 108 Madhuman Yud RUDP-2967 Ambe Hi-sch OPC Chang Khola 26-Deci 23-Jan-20 15.35 22.39 M 201 R-4 RUDP-2971 Ambe Hi-sch OPC Chiang Khola 27-Deci 3-Jan-20 24-Jan-20 15.35 22.46 M 202 N-7 RUDP-2971 Ambe Hi-sch OPC Chiang Khola 27-Deci 3-Jan-20 24-Jan-20 16.32 22.48 M 202 N-7 RUDP-2971 Ambe Hi-sch OPC Chiang Khola 27-Deci 3-Jan-20 <td< td=""><td>194</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>M20</td></td<>	194		-									M20
10 THL7A RUDP-2967 Ambe Hiesch OPC Chang Kaha 2.700-70 1348.0 124.83 22.37 M 197 TL17B RUDP-2968 Ambe Hiesch OPC Chiang Kaha 2.57-00-70 23.4m-20 15.35 22.39 M 198 Malbumary RUDP-2908 Ambe Hiesch OPC Chiang Kaha 2.5-00-70 2.34m-20 15.35 22.36 M 199 MA3 RUDP-2971 Ambe Hiesch OPC Chiang Kaha 2.5-00-70 2.34m-20 15.35 23.36 M 201 R-4 RUDP-2971 Ambe Hiesch OPC Chiang Kaha 27-00-70 3.4m-20 15.37 21.96 M 202 R-5 RUDP-2975 Ambe Hiesch OPC Chiang Kaha 27-00-70 3.4m-20 16.32 22.43 M 203 R-46 RUDP-2975 Ambe Hiesch OPC Chiang Khala 29-D0-10 3.4m-20 16.32 22.84 M 204 TL17							Second Second Second					M20
Print RUDP-2984 Amber Heich OPC Channar Kohan 2.74679 1348-2 2.2487.0 14.88 2.22.03 MM 198 Maßhumar Aviet RUDP-2996 Ambe Histeh OPC Chinarg Kohan 2.67-bec19 2.34ar-20 15.35 22.59 M 198 Maßhumar Aviet RUDP-2997 Ambe Histeh OPC Chinarg Koha 2.67-bec19 2.34ar-20 15.35 22.58 M 200 N-8 RUDP-2971 Ambe Histeh OPC Chinarg Koha 2.77-bec19 3.4ar-20 14.58 22.11 M 201 R-7 RUDP-2973 Ambe Histeh OPC Chinarg Koha 2.77-bec19 3.4ar-20 14.58 22.11 M 203 R-6 RUDP-2973 Ambe Histeh OPC Chinarg Koha 297-bec19 5.4ar-20 2.44ar-20 16.32 22.48 M 203 TAL6A RUDP-2976 Ambe Histeh OPC Chinarg Koha 297-bec19 5.4ar-20 2.64ar-20 16.72									-		22.73	M20
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N-8 RUDP-207 Ambe Hi-tech OPC Chiang Khola 20-08-19 2-Jim-20 2-Jim-20 15.35 23.36 M 201 R-4 RUDP-297 Ambe Hi-tech OPC Chiang Khola 27-De-19 3-Jim-20 2-Jim-20 15.87 21.96 M 202 N-7 RUDP-2974 Ambe Hi-tech OPC Chiang Khola 27-De-19 3-Jim-20 2-Jim-20 15.87 21.96 M 203 R-2 RUDP-2974 Ambe Hi-tech OPC Chiang Khola 27-De-19 3-Jim-20 2-Jim-20 16.32 22.38 M 204 R-5 RUDP-2977 Ambe Hi-tech OPC Chiang Khola 29-De-19 5-Jim-20 25-Jim-20 15.72 22.18 M 204 TJL6.4 RUDP-2977 Ambe Hi-tech OPC Chiang Khola 29-De-19 5-Jim-20 25-Jim-20 15.72 2.2.0 M 203 R.46 RUDP-298 Ambe Hi-tech OPC Chiang Khola 31-De-20	-					-				18.34	26.86	M25
number number<	-									16.02	21.96	M20
N-7 RUDP-2973 Ambe Hiele OPC Chang Khola 1-Dee P 3-Jan-20 24-Jan-20 14/38 22.11 M 020 R-2 RUDP-2974 Ambe Hiele OPC Chiang Khola 27-Dee-19 3-Jan-20 24-Jan-20 16.32 22.43 M 020 R-5 RUDP-2976 Ambe Hiele OPC Chiang Khola 27-Dee-19 5-Jan-20 26-Jan-20 16.32 22.43 M 020 R-6 RUDP-2976 Ambe Hiele OPC Chiang Khola 29-Dee-19 5-Jan-20 26-Jan-20 15.72 22.03 M 020 T3L5A RUDP-2977 Ambe Hiele OPC Chiang Khola 30-Dee-19 6-Jan-20 27-Jan-20 15.72 22.00 M 020 T3L5A RUDP-2981 Ambe Hiele OPC Chiang Khola 31-Dee-19 7-Jan-20 28-Jan-20 16.84 22.51 M 021 RLDP-2981 Ambe Hiele OPC Chiang Khola 31-Dee-19 7-Jan-20	-							2-Jan-20	23-Jan-20	15.35	23.36	M20
R.2 RUDP-2974 Ambe Hi-tech OPC Channg Khola 2/POR-19 3/Jan-20 24-Jan-20 16.32 22.43 M 204 R.5 RUDP-2976 Ambe Hi-tech OPC Chisang Khola 29-De-19 5-Jan-20 26-Jan-20 16.32 22.43 M 205 R.46 RUDP-2976 Ambe Hi-tech OPC Chisang Khola 29-De-19 5-Jan-20 26-Jan-20 16.32 23.48 M 206 T3L1.06 RUDP-2976 Ambe Hi-tech OPC Chisang Khola 30-De-19 6-Jan-20 27-Jan-20 15.72 22.03 M 207 T3L2.5A' RUDP-2978 Ambe Hi-tech OPC Chisang Khola 30-De-19 6-Jan-20 27-Jan-20 15.72 22.03 M 210 T1L7.A RUDP-2981 Ambe Hi-tech OPC Chisang Khola 31-De-19 7-Jan-20 28-Jan-20 16.62 24.10 M 212 Koahi Yad RUDP-2981 Ambe Hi-tech OPC Chisang Khola							27-Dec-19	3-Jan-20	24-Jan-20	14.98	22.11	M20
R.5 RUDP-2975 Ambe Hi-seeh OPC Chiang Khola 2-Pole-19 5-Jan-20 24-Jan-20 16.32 22.43 M 205 R.46 RUDP-2976 Ambe Hi-seeh OPC Chiang Khola 29-De-19 5-Jan-20 25-Jan-20 16.32 23.88 M 206 T3L10A RUDP-2976 Ambe Hi-seeh OPC Chiang Khola 29-De-19 5-Jan-20 25-Jan-20 15.72 22.18 M 207 T3L25A RUDP-2977 Ambe Hi-seeh OPC Chiang Khola 30-De-19 6-Jan-20 27-Jan-20 15.72 22.03 M 207 T3L2A RUDP-2980 Ambe Hi-seeh OPC Chiang Khola 31-De-19 7-Jan-20 28-Jan-20 16.84 22.51 M 210 T1L7A RUDP-2981 Ambe Hi-seeh OPC Chiang Khola 31-De-19 7-Jan-20 28-Jan-20 16.52 24.10 M 213 TL18B RUDP-2981 Ambe Hi-seeh OPC Chiang Khola 31	-					Chisang Khola	27-Dec-19	3-Jan-20	24-Jan-20	15.87	21.96	M20
R+6 RUDP_2976 Ambel H-tech OPC Chiang Khola 2-Pake19 5-Jan-20 16.32 23.88 M 206 T3L10A RUDP_2977 Ambel H-tech OPC Chiang Khola 29-bec-19 5-Jan-20 15.72 22.18 M 207 T3L25A' RUDP_2977 Ambel H-tech OPC Chiang Khola 30-Dec-19 6-Jan-20 127.Jan-20 15.72 22.03 M 208 R-16 RUDP-2980 Ambel H-tech OPC Chiang Khola 30-Dec-19 6-Jan-20 27.Jan-20 15.72 22.03 M 209 N-31 RUDP-2980 Ambel H-tech OPC Chiang Khola 31-Dec-19 7.Jan-20 28-Jan-20 16.64 22.51 M 210 T11.7A RUDP-2981 Ambel H-tech OPC Chiang Khola 31-Dec-19 7.Jan-20 28-Jan-20 16.57 21.63 M 213 T11.88 RUDP-2984 Ambe H-tech OPC Chiang Khola 1-Jan-20 28-Jan-20 <	-					Chisang Khola	27-Dec-19	3-Jan-20	24-Jan-20	16.32	22.43	M20
R46 RUDP-2976 Ambe Hi-tech OPC Chiang Khola 29-Dec-19 5-Jan-20 *26-Jan-20 15.72 22.18 M 206 T3L10A RUDP-2977 Ambe Hi-tech OPC Chiang Khola 29-Dec-19 5-Jan-20 126-Jan-20 14.90 23.48 M 208 R-16 RUDP-2978 Ambe Hi-tech OPC Chiang Khola 30-Dec-19 6-Jan-20 27-Jan-20 17.00 23.58 M 208 R-16 RUDP-2980 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.84 22.51 M 210 T1L7A RUDP-2980 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 M 212 Koshi Yad RUDP-2984 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.52 22.163 M: 213 T1L8 RUDP-2984 Ambe Hi-tech OPC Chiang Khola	-				OPC	Chisang Khola	29-Dec-19	5-Jan-20	26-Jan-20	16.32	23.88	M20
T3L10A RUDP-2971 Ambe Hi-tech OPC Chisang Khola 29-Dec-19 5-Jan-20 26-Jan-20 14.90 23.48 M 207 T3L25A' RUDP-2978 Ambe Hi-tech OPC Chisang Khola 30-Dec-19 6-Jan-20 27-Jan-20 15.72 22.03 M 208 R-16 RUDP-2979 Ambe Hi-tech OPC Chisang Khola 30-Dec-19 6-Jan-20 27-Jan-20 17.00 23.48 M 209 N-31 RUDP-2980 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.64 22.51 M 211 Koshi Yad RUDP-2981 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.52 22.51 M 212 Koshi Yad RUDP-2984 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.52 22.51 M 214 R-42 RUDP-2984 Ambe Hi-tech OPC Chisang Khola	-				OPC	Chisang Khola	29-Dec-19	5-Jan-20	*26-Jan-20	15.72		M20
207 T31.25 M RUDP-2978 Ambe Hi-tech OPC Chiang Khola 30-Dec-19 6-Jan-20 27-Jan-20 15.72 .2.03 M 208 R-16 RUDP-2979 Ambe Hi-tech OPC Chiang Khola 30-Dec-19 6-Jan-20 27-Jan-20 17.00 23.58 M 210 T1L7A RUDP-2980 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.64 22.51 M 211 R-105 RUDP-2981 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.63 22.11 M 213 TILBR RUDP-2984 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.55 22.51 M 214 R-12 RUDP-2984 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 17.82 23.28 M 214 R-12 RUDP-2984 Ambe Hi-tech OPC Chiang Khola 1-J	-	T3L10A	· RUDP-2977	Ambe Hi-tech	OPC	Chisang Khola	29-Dec-19	5-Jan-20	26-Jan-20			M20
Part I RUDP-2979 Ambe Hi-tech OPC Chisang Khola 30-Dec-19 6-Jan-20 27-Jan-20 17.00 23.58 M 020 N-31 RUDP-2980 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 17.29 23.43 M 0210 TIL7A RUDP-2981 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.84 22.51 M 0212 Koshi Yard RUDP-2983 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 M 0213 TIL8B RUDP-2984 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.55 22.51 M 0214 R-12 RUDP-2986 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.36 MC 117 T22.4 RUDP-2986 Ambe Hi-tech OPC Chisang Khol	207	T3L25A	RUDP-2978	Ambe Hi-tech	OPC	Chisang Khola	30-Dec-19					M20
N-31 RUDP-2980 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 17.29 23.43 Mm 210 TIL7A RUDP-2981 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.84 22.51 Mm 211 K-obi Yard RUDP-2981 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 Mm 213 TIL8B RUDP-2984 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.52 22.51 Mm 214 R-12 RUDP-2984 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.52 23.36 Mm 215 R-82 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 Mm 216 K-83 RUDP-2987 Ambe Hi-tech OPC Chisang Khola </td <td>208</td> <td>R-16</td> <td>RUDP-2979</td> <td>Ambe Hi-tech</td> <td>OPC</td> <td>Chisang Khola</td> <td>30-Dec-19</td> <td>6-Jan-20</td> <td></td> <td></td> <td></td> <td>M20</td>	208	R-16	RUDP-2979	Ambe Hi-tech	OPC	Chisang Khola	30-Dec-19	6-Jan-20				M20
210 TIL7A RUDP-2981 Ambe Hi-tech OPC Chiasang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.8.4 22.1.5 MM 111 R-105 RUDP-2982 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.77 23.80 MM 112 Koshi Yard RUDP-2983 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 MM 113 TIL8B RUDP-2984 Ambe Hi-tech OPC Chisang Khola 11-Jan-20 28-Jan-20 16.55 22.51 MM 1215 R-82 RUDP-2984 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.52 22.38 MM 1216 R-12 RUDP-2984 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.36 MM 1216 R-105 RUDP-2984 Ambe Hi-tech OPC Chisang Khol	209	N-31	RUDP-2980	Ambe Hi-tech	OPC	Chisang Khola	31-Dec-19					
R-105 RUDP-2982 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.67 22.80 MM 212 Koshi Yard RUDP-2983 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 MM 213 TILB RUDP-2984 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 15.72 21.63 MM 214 R-12 RUDP-2985 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.55 22.51 MM 216 R-82 RUDP-2986 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.36 MU 217 TZL24 RUDP-2986 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.28 MU 218 R-105 RUDP-2991 Ambe Hi-tech OPC Chisang Khola </td <td>210</td> <td>T1L7A</td> <td>RUDP-2981</td> <td>Ambe Hi-tech</td> <td>OPC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M20</td>	210	T1L7A	RUDP-2981	Ambe Hi-tech	OPC							M20
P121 Koshi Yard RUDP-2983 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 MM P13 T1L8B RUDP-2984 Ambe Hi-tech OPC Chiang Khola 31-Dec-19 7-Jan-20 28-Jan-20 16.62 24.10 MM P14 R-12 RUDP-2985 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.55 22.51 MM P15 R-82 RUDP-2986 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.36 MM P11 T2L24 RUDP-2987 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 ML P18 R-105 RUDP-2987 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.95 23.28 MM P19 Koshi Yard RUDP-2999 Ambe Hi-tech OPC	211	R-105	RUDP-2982	Ambe Hi-tech								M20
TIL8B RUDP-2984 Ambe Hi-tech OPC Chisang Khola 31-Dec-19 7-Jan-20 28-Jan-20 15.72 21.63 Mit 214 R-12 RUDP-2985 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.72 21.63 Mit 214 R-12 RUDP-2985 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.52 22.51 Mit 216 N-8 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 Mit 217 T2L24 RUDP-2988 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 Mit 218 R-105 RUDP-2989 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 Mit 210 N-3 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 30-Jan-20 15.65 22.81 Mit 22 <td>212</td> <td>Koshi Yard</td> <td>RUDP-2983</td> <td>Ambe Hi-tech</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M20</td>	212	Koshi Yard	RUDP-2983	Ambe Hi-tech								M20
R-12 RUDP-298 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 2-3-an-20 2-9-Jan-20 15.72 21.63 MM 215 R-82 RUDP-2986 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.55 22.51 MM 216 N-8 RUDP-2986 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.82 23.28 MM 217 T2L24 RUDP-2988 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 MM 218 R-105 RUDP-2989 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 MM 219 Mx3 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.65 22.81 MM 210 N-3 RUDP-2991 Ambe Hi-tech OPC Chisang Khola	213	T1L8B	RUDP-2984	Ambe Hi-tech								M20
R-82 RUDP-2986 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.55 22.51 MX R16 N-8 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.82 23.28 MX R17 T2L24 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.92 23.36 MX R18 R-105 RUDP-2988 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 MX R18 R-105 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.95 23.28 MX R19 Koshi Yard RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 15.80 22.76 MX R22 R-16 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20	214	R-12										M20
N-8 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.82 23.28 Mr. 117 T2L24 RUDP-2987 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.99 23.36 Mr. 118 R-105 RUDP-2988 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 Mr. 119 Koshi Yard RUDP-2990 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 Mr. 120 N-3 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 15.95 23.28 Mr. 121 R-84 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 15.65 22.81 Mr. 122 R-16 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 <td>-</td> <td></td> <td></td> <td></td> <td>Robert</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>22.51</td> <td>M20</td>	-				Robert						22.51	M20
Rulp-298 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.59 23.36 M2 17 T2L24 RUDP-2988 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 M2 18 R-105 RUDP-2989 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 M2 20 N-3 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 15.95 23.28 M2 20 N-3 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.60 22.81 M2 21 R-84 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.65 22.81 M2 22 R-16 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20	-			-						17.82	23.28	M20
Relof RUDP-2999 Ambe Hi-tech OPC Chiang Khola 1-Jan-20 8-Jan-20 29-Jan-20 17.14 22.11 M2 11 Koshi Yard RUDP-2990 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 M2 120 N-3 RUDP-2990 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 15.95 23.28 M2 121 R-84 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.60 22.76 M2 1221 R-84 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.60 22.81 M2 1223 R-16 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.25 23.10 M2 123 N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20	-					-				17.59	23.36	M20
Koshi Yard RUDP-2990 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 16.92 22.51 M2 220 N-3 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.95 23.28 M2 221 R-84 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.80 22.76 M2 222 R-16 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.65 22.81 M2 223 N-31 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.55 22.81 M2 224 T1L8B RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.84 22.59 M2 225 T3L10A RUDP-2996 Ambe Hi-tech OPC Chisang Khola	-				2111111			8-Jan-20	29-Jan-20	17.14	22.11	M20
N-3 RUDP-2991 Ambe Hi-tech OPC Chisang Khola 1-Jan-20 8-Jan-20 29-Jan-20 15.95 23.28 M2 221 R-3 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.80 22.76 M2 222 R-16 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.65 22.81 M2 223 N-31 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.55 23.10 M2 223 N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.55 23.10 M2 224 T1L8B RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.84 22.59 M2 225 T3L10A RUDP-2997 Ambe Hi-tech OPC Chisang Khola	-							8-Jan-20	29-Jan-20	16.92	22.51	M20
21 R-84 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.80 22.76 MZ 22 R-16 RUDP-2992 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 15.65 22.81 MZ 23 N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 17.74 23.13 MZ 24 T1L88 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.55 23.10 MZ 25 T3L10A RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.84 22.26 M2 26 N-3 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 15.50 22.03 MZ 27 R-5 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-2	-			-			1-Jan-20	8-Jan-20	29-Jan-20	15,95	23.28	M20
22 R-16 RUDP-2993 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 17.74 23.13 M2 23 N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 17.74 23.13 M2 24 T1L8B RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.25 23.10 M2 24 T1L8B RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.59 22.26 M2 25 T3L10A RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 26 N-3 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.50 22.03 M2 27 R-5 RUDP-2999 Ambe Hi-tech OPC Chisang Kh	-						2-Jan-20	9-Jan-20	30-Jan-20	15.80	22.76	M20
N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 17.74 22.13 M2 223 N-31 RUDP-2994 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.25 23.10 M2 224 T1L8B RUDP-2995 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 225 T3L10A RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 226 N-3 RUDP-2996 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 15.50 22.03 M2 226 N-3 RUDP-2998 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 15.50 22.03 M2 228 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20	-					Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	15.65	22.81	M20
24 TIL8B RUDP-2995 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.25 22.10 M2 25 T3L10A RUDP-2995 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 26 N-3 RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 27 R-5 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 15.50 22.03 M2 28 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 16.02 22.84 M2 30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 3-J	-					Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	17.74	23.13	M20
25 T3L10A RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.39 22.26 M2 26 N-3 RUDP-2996 Ambe Hi-tech OPC Chisang Khola 2-Jan-20 9-Jan-20 30-Jan-20 16.84 22.59 M2 26 N-3 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 15.50 22.03 M2 27 R-5 RUDP-2998 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 17.06 23.33 M2 28 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 16.02 22.84 M2 30 T1L7A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 4-Ja	-			Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	16.25	23.10	M20
And Participant And Participant OPC Chinang Khola 22 Jan-20 30 Jan-20 16.84 22.59 M2 26 N-3 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 15.50 22.03 M2 27 R-5 RUDP-2998 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 17.06 23.33 M2 28 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.02 22.84 M2 30 T1L7A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 31 T3L25A RUDP-3002 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Fe	-			Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	16.39	22.26	M20
26 N-3 RUDP-2997 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 15.50 22.03 MZ 27 R-5 RUDP-2998 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 17.06 23.33 MZ 28 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 //MZ 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.02 22.84 //MZ 30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 ////////////////////////////////////	25	T3L10A	RUDP-2996	Ambe Hi-tech	OPC	Chisang Khola	2-Jan-20	9-Jan-20	30-Jan-20	16.84	22.59	M20
227 R-5 RUDP-2998 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 17.06 23.33 M2 28 R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.02 22.84 M2 30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 31 T3L25A RUDP-3002 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20	26	N-3 '	RUDP-2997	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20	10-Jan-20	31-Jan-20	15.50		
R-3 RUDP-2999 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.77 22.91 M2 30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 16.02 22.84 M2 31 T3L25A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2 33 R-4 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39	27	R-5	RUDP-2998	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20	10-Jan-20	31-Jan-20			
29 T3L39A RUDP-3000 Ambe Hi-tech OPC Chisang Khola 3-Jan-20 10-Jan-20 31-Jan-20 16.02 22.84 M2 30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 31 T3L25A RUDP-3002 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 33 R-46 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2	28	R-3	RUDP-2999	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20					
30 T1L7A RUDP-3001 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 31 T3L25A RUDP-3002 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 33 R-46 RUDP-3003 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2	29	T3L39A	RUDP-3000	Ambe Hi-tech	OPC	Chisang Khola	3-Jan-20					
31 T3L25A RUDP-3002 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.20 V M2 32 R-12 RUDP-3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 33 R-46 RUDP 3003 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2	30	T1L7A	RUDP-3001								22.84	M20
32 R-12 RUDP-3003 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.72 M2 33 R-46 RUDP-3003 Ambe Hi-tech OPC Chiang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.39 M2	-									-	~	M20
33 P.46 PUDD 306 Ambrillian Ore Change Kitola 4-jan-20 11-jan-20 1-Feb-20 16.39 M2	-											M20
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14 R-16 RUDP.305 Amba Hi tash ODC Chang Kina 4-jair20 11-jan-20 1-reb-20 15.80 M2	-							11-Jan-20				M20
25 N 21 DUDD 2000 Amb III and Ore Chinang Kitola 4-Jain-20 11-Jan-20 11-Feb-20 14.46 M2	-									14.46		M20
	33	N-31			OPC	Chisang Khola	4-Jan-20	11-Jan-20	1-Feb-20	16.54		M20
Contractor	-			or		1		Cor	isultant	/		
R-16 RUDP-3005 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 15.80 M 234 R-16 RUDP-3005 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 14.46 M 235 N-31 RUDP-3006 Ambe Hi-tech OPC Chisang Khola 4-Jan-20 11-Jan-20 1-Feb-20 16.54 M	30 31 32 33 34 35	T1L7A T3L25A R-12 R-46 R-16 N-31	RUDP-3001 RUDP-3002 RUDP-3003 RUDP-3004 RUDP-3005 RUDP-3006 Contractor GROUP INTERNAT,	Ambe Hi-tech Ambe Hi-tech Ambe Hi-tech Ambe Hi-tech Ambe Hi-tech Ambe Hi-tech Pr	OPC OPC OPC OPC OPC OPC	Chisang Khola Chisang Khola Chisang Khola Chisang Khola Chisang Khola Chisang Khola	4-Jan-20 4-Jan-20 4-Jan-20 4-Jan-20 4-Jan-20 4-Jan-20	11-Jan-20 11-Jan-20 11-Jan-20 11-Jan-20 11-Jan-20 11-Jan-20 Con	1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20 1-Feb-20	15.20 15.72 16.39 15.80 14.46 16.54		N N N N N
Contractor of Co	-				ore	Consang Knola	4-Jan-20			16.54		M20
	-							Cor	isultant	1		
Consultant		HONGHENC	CONSTR	EERING CO		BUILDING DI CONSULTA	NCY PVT.	THORITY (I LTD AND P	P) LTD IN J	EERS & A	TURE WI RCHITEC	TH B. TS (P
ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL ENGINEERING CO. LTD BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (I LTD, KATHMANDU, NEPAL				Submitte		Verified By		(interest of the second				
ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL ENGINEERING CO. LTD INTERNATIONAL ENGINEERING CO. LTD BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (I LTD, KATHMANDU, NEPAL Werifield By Verifield By Verifield By	-	dra Yadav	124		-	Expert Qty Surv H.K. Mandal/Raja		_		Tea	m Leader	
ZHONGHENG CONSTRUCTION GROUP INTERNATIONAL ENGINEERING CO. LTD BUILDING DESIGN AUTHORITY (P) LTD IN JOINT VENTURE WITH B CONSULTANCY PVT. LTD AND PLUS ENGINEERS & ARCHITECTS (D LTD, KATHMANDU, NEPAL Werked By geneer Submitted By Contract Manager		dra Vadau		Rabindra K.	TI 1	last the second second						



Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02 Summary Sheet of Concrete CubeTest Repo

ummary	Sneet of	Concrete	Cube	l est	Report

								Month Year			uary 120
							Т	ype of Materi	al		Cube
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of	Source of	Date of		Testing	Strength		Cube
236	R-12	RUDP-3007	Ambe Hi-tech	Cement	Sand+Agg.	Casting	7 Days	28 Days	7 Days	28 Days	Grade
237	R-82	RUDP-3008	Ambe Hi-tech	OPC OPC	Chisang Khola Chisang Khola	5-Jan-20	12-Jan-20	2-Feb-20	16.69		M20
238	T1L8B	RUDP-3009	Ambe Hi-tech	OPC		5-Jan-20	12-Jan-20	2-Feb-20	15.72		M20
239	N-8	RUDP-3010	Ambe Hi-tech	OPC	Chisang Khola	5-Jan-20	12-Jan-20	2-Feb-20	14.61		M20
240	R-2	RUDP-3011	Ambe Hi-tech	OPC	Chisang Khola	6-Jan-20	13-Jan-20	3-Feb-20	16.84		M20
241	N-7	RUDP-3012	Ambe Hi-tech	OPC	Chisang Khola	6-Jan-20	13-Jan-20	3-Feb-20	17.74		M20
242	Koshi yard	RUDP-3013	Ambe Hi-tech	OPC	Chisang Khola Chisang Khola	6-Jan-20 7-Jan-20	13-Jan-20	3-Feb-20	16.69		M20
243	Madhumara Yard	RUDP-3014	Ambe Hi-tech	OPC	Chisang Khola	7-Jan-20 7-Jan-20	14-Jan-20	4-Feb-20	18.63		M20
244	R-3	RUDP-3015	Ambe Hi-tech	OPC	Chisang Khola	7-Jan-20	14-Jan-20 14-Jan-20	4-Feb-20	18.49		M25
245	N-3	RUDP-3016	Ambe Hi-tech	OPC	Chisang Khola	7-Jan-20	14-Jan-20	4-Feb-20 4-Feb-20	16.54		M20
246	R-26	RUDP-3017	Ambe Hi-tech	OPC	Chisang Khola	7-Jan-20	14-Jan-20	4-Feb-20 4-Feb-20	15.65	1	M20
247	T1L8B	RUDP-3018	Ambe Hi-tech	OPC	Chisang Khola	8-Jan-20	14-Jan-20 15-Jan-20		15.13		M20
248	N-8	RUDP-3019	Ambe Hi-tech	OPC	Chisang Khola	8-Jan-20	15-Jan-20	5-Feb-20	16.77		M20
249	R-5	RUDP-3020	Ambe Hi-tech	OPC	Chisang Khola	8-Jan-20	15-Jan-20	5-Feb-20	16.32		M20
250	R-4	RUDP-3021	Ambe Hi-tech	OPC	Chisang Khola	8-Jan-20		5-Feb-20	14.98		M20
251	T2L24	RUDP-3022	Ambe Hi-tech	OPC	Chisang Khola	9-Jan-20	15-Jan-20	5-Feb-20	17.90		M20
252	R-46	RUDP-3023	Ambe Hi-tech	OPC	Chisang Khola	9-Jan-20 9-Jan-20	16-Jan-20 16-Jan-20	6-Feb-20	17.44		M20
253	R-4	RUDP-3024	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	16-Jan-20 17-Jan-20	6-Feb-20 7-Feb-20	15.43		M20
254	Madhumara Yard	RUDP-3025	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20			17.59		M20
255	T1L7B	RUDP-3026	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	18.87		M25
256	R-5	RUDP-3027	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	14.90		M20
257	Koshi yard	RUDP-3028	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20 17-Jan-20	7-Feb-20	14.75		M20
258	T3L10A	RUDP-3029	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20		7-Feb-20	17.82		M20
259	R-16	RUDP-3030	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	15.80		M20
260	R-2	RUDP-3031	Ambe Hi-tech	OPC	Chisang Khola	10-Jan-20	17-Jan-20	7-Feb-20	17.59		M20
261	N-3	RUDP-3032	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	17-Jan-20	7-Feb-20	17.60		M20
262	R-46	RUDP-3033	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	16.32		M20
263	R-46	RUDP-3034	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	15.95		M20
264	R-15	RUDP-3035	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20	18-Jan-20	8-Feb-20	16.39		M20
265	N-31	RUDP-3036	Ambe Hi-tech	OPC	Chisang Khola		18-Jan-20	8-Feb-20	16.99		M20
266	N-8	RUDP-3037	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20 11-Jan-20	18-Jan-20	8-Feb-20	15.35	1.1	M20
267	R-16	RUDP-3038	Ambe Hi-tech	OPC	Chisang Khola	11-Jan-20 12-Jan-20	18-Jan-20	8-Feb-20	14.68		M20
268	R-3	RUDP-3039	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	16.69		M20
269	T3L25A	RUDP-3040	Ambe Hi-tech	OPC	Chisang Khola	12-Jan-20	19-Jan-20	9-Feb-20	16.10		M20
270	N-3	RUDP-3041	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	19-Jan-20	9-Feb-20	15.35		M20
271	R-46	RUDP-3042	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20 20-Jan-20	10-Feb-20	15.87		M20
272	T1L7B	RUDP-3043	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20		10-Feb-20	15.65		M20
73	R-12	RUDP-3044	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20	20-Jan-20	10-Feb-20	17.22		M20
74	T2L24	RUDP-3045	Ambe Hi-tech	OPC	Chisang Khola	13-Jan-20 14-Jan-20	20-Jan-20	10-Feb-20	16.10		M20
75	R-82	RUDP-3046	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20	11-Feb-20	15.28		M20
76	T3L10A	RUDP-3047	Ambe Hi-tech	OPC			21-Jan-20	11-Feb-20	16.25		M20
77	R-26	RUDP-3048	Ambe Hi-tech		Chisang Khola	14-Jan-20	21-Jan-20	11-Feb-20	16,17		M20
78	T1L25A	RUDP-3048	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20	11-Feb-20	15.43		M2Q
79	R-2	RUDP-3049	Ambe Hi-tech	OPC	Chisang Khola	14-Jan-20	21-Jan-20	11-Feb-20	16.92		M20
80	Koshi yard	RUDP-3051	Ambe Hi-tech	OPC · OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	15.43		M20
81	Koshi yard	RUDP-3052	Ambe Hi-tech	OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	16.02		M20
82	Madhumara Yard	RUDP-3052	Ambe Hi-tech	OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	14.90		M20
-	, indeficient and indeficient	Contracto		OPC	Chisang Khola	15-Jan-20	22-Jan-20	12-Feb-20	17.67		M25
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	HONGHENO				BUILDING DI CONSULTAT	NCY PVT.	THORITY (F LTD AND P LTD, KATHIN	LUS ENGIN	EERS & AI	TURE WIT	TH B.N TS (P)
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	ked By		Submitte		Verified By		* Bira	tnagat	App	roved By	
ngin			Contract M		Expert Qty Surv	eyor/CSE	_			m Leader	
	dra Yadav	*	Rabindra K.	Thakur	H.K. Mandal/Raja						



306 R-15 RUDP-307 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 308 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 310 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 312 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 313 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 314 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 315 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 316 N-3 RUDP-3086 Ambe Hi-tech OPC Chisang Khola 317 R-4 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 319 R-16 RUDP-3090 Ambe Hi-tech OPC	Date of Casting 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20		Month Year 'ype of Materia' Testing 28 Days 12-Feb-20 13-Feb-20 13-Feb-20	al Strength, 7 Days 12.83 15.35 14.46 15.57 16.77 14.98 14.83	age No 1 of 7 Janu 20 Conc. N/mm2 28 Days	iary 20
3.74 Location Lab Ref. no. Type of Cement Page 3 Cement Page 3 Sand+Age R-4 283 R-4 RUDP-3055 Ambe Hi-tech OPC OPC Chisang Khol Chisang Khol Page 3 284 N-7 RUDP-3055 Ambe Hi-tech OPC OPC Chisang Khol Chisang Khol Page 3 285 N-3 RUDP-3057 Ambe Hi-tech OPC OPC Chisang Khol Page 3 286 R-46 RUDP-3058 Ambe Hi-tech OPC OPC Chisang Khol Page 3 287 T31.25A RUDP-3061 Ambe Hi-tech OPC OPC Chisang Khol Page 3 298 R-12 RUDP-3062 Ambe Hi-tech OPC OPC Chisang Khol Page 3 291 R-44 RUDP-3063 Ambe Hi-tech OPC OPC Chisang Khol Page 3 293 T11.7A RUDP-3065 Ambe Hi-tech OPC OPC Chisang Khol Page 3 294 R-26 RUDP-3067 Ambe Hi-tech OPC Chisang Khol Page 3 295 Koshi Yard RUDP-307 Ambe Hi-tech OPC Chisang Khol Page 3	Casting 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	Date of 7 Days 22-Jan-20 23-Jan-20 23-Jan-20	Year 'Year 'Testing 28 Days 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20	Strength, 7 Days 12.83 15.35 14.46 15.57 16.77 14.98 14.83	20 Conc. N/mm2	20 Cube Concret Grade M15 M20 M20
3.74 Location Lab Ref. no. Type of Cement Page 3 Cement Page 3 Sand+Age R-4 283 R-4 RUDP-3055 Ambe Hi-tech OPC OPC Chisang Khol Chisang Khol Page 3 284 N-7 RUDP-3055 Ambe Hi-tech OPC OPC Chisang Khol Chisang Khol Page 3 285 N-3 RUDP-3057 Ambe Hi-tech OPC OPC Chisang Khol Page 3 286 R-46 RUDP-3058 Ambe Hi-tech OPC OPC Chisang Khol Page 3 287 T31.25A RUDP-3061 Ambe Hi-tech OPC OPC Chisang Khol Page 3 298 R-12 RUDP-3062 Ambe Hi-tech OPC OPC Chisang Khol Page 3 291 R-44 RUDP-3063 Ambe Hi-tech OPC OPC Chisang Khol Page 3 293 T11.7A RUDP-3065 Ambe Hi-tech OPC OPC Chisang Khol Page 3 294 R-26 RUDP-3067 Ambe Hi-tech OPC Chisang Khol Page 3 295 Koshi Yard RUDP-307 Ambe Hi-tech OPC Chisang Khol Page 3	Casting 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	Date of 7 Days 22-Jan-20 23-Jan-20 23-Jan-20	ype of Materia 'Testing 28 Days 12-Feb-20 13-Feb-20 13-Feb-20	Strength, 7 Days 12.83 15.35 14.46 15.57 16.77 14.98 14.83	Conc. N/mm2	Cube Concret Grade M15 M20 M20
3.7.4 Location Lab Ref. 10. Type of Cement Cement Cement Cement Sand+Age. 283 R-4 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 284 N-7 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 285 N-3 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 286 R-46 RUDP-3058 Ambe Hi-tech OPC Chisang Khol 287 T31.25A RUDP-3061 Ambe Hi-tech OPC Chisang Khol 289 R-12 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 291 R1.10A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 292 T31.10A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 293 T11.7A RUDP-3067 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-307 Ambe Hi-tech OPC Ch	Casting 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	Date of 7 Days 22-Jan-20 23-Jan-20 23-Jan-20	Testing 28 Days 12-Feb-20 13-Feb-20 13-Feb-20	Strength, 7 Days 12.83 15.35 14.46 15.57 16.77 14.98 14.83	N/mm2	Concret Grade M15 M20 M20
3.7.4 Location Lab Ref. 10. Type of Cement Cement Cement Cement Sand+Age. 283 R-4 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 284 N-7 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 285 N-3 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 286 R-46 RUDP-3058 Ambe Hi-tech OPC Chisang Khol 287 T31.25A RUDP-3061 Ambe Hi-tech OPC Chisang Khol 289 R-12 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 291 R1.10A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 292 T31.10A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 293 T11.7A RUDP-3067 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-307 Ambe Hi-tech OPC Ch	Casting 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	7 Days 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	28 Days 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20	7 Days 12.83 15.35 14.46 15.57 16.77 14.98 14.83		Grade M15 M20 M20
283 R-4 RUDP-3054 Ambe Hi-tech OPC Chisang Khol 284 N-7 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 285 N-3 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 286 R-46 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 287 T3L25A RUDP-3056 Ambe Hi-tech OPC Chisang Khol 289 R-12 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 292 T3L10A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 293 T1L7A RUDP-3066 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3071 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3073 Ambe Hi-tech OPC Chisang Khol <th>15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 <td< th=""><th>22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20</th><th>12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20</th><th>12.83 15.35 14.46 15.57 16.77 14.98 14.83</th><th>28 Days</th><th>M15 M20 M20</th></td<></th>	15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 <td< th=""><th>22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20</th><th>12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20</th><th>12.83 15.35 14.46 15.57 16.77 14.98 14.83</th><th>28 Days</th><th>M15 M20 M20</th></td<>	22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20	12.83 15.35 14.46 15.57 16.77 14.98 14.83	28 Days	M15 M20 M20
284 N-7 RUDP-3055 Ambe Hi-tech OPC Chisang Khol 285 N-3 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 286 R-46 RUDP-3058 Ambe Hi-tech OPC Chisang Khol 287 T31L25A RUDP-3058 Ambe Hi-tech OPC Chisang Khol 289 R-12 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3064 Ambe Hi-tech OPC Chisang Khol 292 T31L0A RUDP-3065 Ambe Hi-tech OPC Chisang Khol 292 T31L3A RUDP-3066 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3067 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khol 296 Koshi Yard RUDP-3071 Ambe Hi-tech OPC Chisang Khol <td>15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 <td< td=""><td>22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20</td><td>12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20 13-Feb-20</td><td>15.35 14.46 15.57 16.77 14.98 14.83</td><td></td><td>M20 M20</td></td<></td>	15-Jan-20 15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20 16-Jan-20 <td< td=""><td>22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20</td><td>12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20 13-Feb-20</td><td>15.35 14.46 15.57 16.77 14.98 14.83</td><td></td><td>M20 M20</td></td<>	22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20 13-Feb-20	15.35 14.46 15.57 16.77 14.98 14.83		M20 M20
286 R-46 RUDP-3057 Ambe Hi-tech OPC Chisang Khol 287 T3L25A RUDP-3058 Ambe Hi-tech OPC Chisang Khol 288 R-15 RUDP-3060 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 292 T3L10A RUDP-3063 Ambe Hi-tech OPC Chisang Khol 293 T1L7A RUDP-3064 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3065 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khol 297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chisang Khol 298 N-31 RUDP-3071 Ambe Hi-tech OPC Chisang Khol 300 T3L10A RUDP-3073 Ambe Hi-tech OPC Chisang Khol	15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20	22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20 13-Feb-20	14.46 15.57 16.77 14.98 14.83		M20
287 T3L25A RUDP-3058 Ambe Hi-tech OPC Chisang Khol 288 R-15 RUDP-3059 Ambe Hi-tech OPC Chisang Khol 299 R-12 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 292 T3L10A RUDP-3063 Ambe Hi-tech OPC Chisang Khol 293 T1L7A RUDP-3064 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3064 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3064 Ambe Hi-tech OPC Chisang Khol 296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khol 297 T3L39A RUDP-3071 Ambe Hi-tech OPC Chisang Khol 301 T1L8 RUDP-3071 Ambe Hi-tech OPC Chisang Khol<	15-Jan-20 15-Jan-20 15-Jan-20 16-Jan-20	22-Jan-20 22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 12-Feb-20 12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20	15.57 16.77 14.98 14.83		
28 R-15 RUDP-3059 Ambe Hi-tech OPC Chisang Khol 289 R-12 RUDP-3060 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3063 Ambe Hi-tech OPC Chisang Khol 292 T3L10A RUDP-3064 Ambe Hi-tech OPC Chisang Khol 293 T1L7A RUDP-3066 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3066 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3068 Ambe Hi-tech OPC Chisang Khol 296 T3L3A RUDP-3071 Ambe Hi-tech OPC Chisang Khol 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khol 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khol 302 R-16 RUDP-3074 Ambe Hi-tech OPC Chisang Khol	15-Jan-20 15-Jan-20 16-Jan-20	22-Jan-20 22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 12-Feb-20 13-Feb-20 13-Feb-20	16.77 14.98 14.83		
B R-12 RUDP-3060 Ambe Hi-tech OPC Chisang Khol 290 R-5 RUDP-3061 Ambe Hi-tech OPC Chisang Khol 291 R-84 RUDP-3062 Ambe Hi-tech OPC Chisang Khol 292 T3L10A RUDP-3064 Ambe Hi-tech OPC Chisang Khol 293 T11.7A RUDP-3066 Ambe Hi-tech OPC Chisang Khol 294 R-26 RUDP-3066 Ambe Hi-tech OPC Chisang Khol 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khol 296 Koshi Yard RUDP-3069 Ambe Hi-tech OPC Chisang Khol 298 N-31 RUDP-3071 Ambe Hi-tech OPC Chisang Khol 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khol 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khol 303 R-2 RUDP-3076 Ambe Hi-tech OPC Chisang Khol	15-Jan-20 16-Jan-20	22-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	12-Feb-20 13-Feb-20 13-Feb-20	14.83		M20
290 R-5 RUDP-3061 Ambe Hi-tech OPC Chisang Khola 291 R-84 RUDP-3062 Ambe Hi-tech OPC Chisang Khola 292 T3L10A RUDP-3063 Ambe Hi-tech OPC Chisang Khola 293 TIL7A RUDP-3065 Ambe Hi-tech OPC Chisang Khola 294 R-26 RUDP-3066 Ambe Hi-tech OPC Chisang Khola 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khola 296 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khola 297 T3L39A RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3074 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3075 Ambe Hi-tech OPC	16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	23-Jan-20 23-Jan-20 23-Jan-20 23-Jan-20	13-Feb-20 13-Feb-20		*	M20
Participant Participant Participant 291 R-84 RUDP-3062 Ambe Hi-tech OPC Chisang Khola 292 T3L10A RUDP-3063 Ambe Hi-tech OPC Chisang Khola 293 T1L7A RUDP-3064 Ambe Hi-tech OPC Chisang Khola 294 R-26 RUDP-3065 Ambe Hi-tech OPC Chisang Khola 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khola 296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khola 297 T3L39A RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 <td>16-Jan-20 16-Jan-20 16-Jan-20</td> <td>23-Jan-20 23-Jan-20 23-Jan-20</td> <td>13-Feb-20</td> <td></td> <td></td> <td>M20</td>	16-Jan-20	23-Jan-20 23-Jan-20 23-Jan-20	13-Feb-20			M20
22 T3L10A RUDP-3063 Ambe Hi-tech OPC Chiang Khola 293 T1L7A RUDP-3064 Ambe Hi-tech OPC Chiang Khola 294 R-26 RUDP-3065 Ambe Hi-tech OPC Chiang Khola 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chiang Khola 296 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chiang Khola 297 T3L39A RUDP-3069 Ambe Hi-tech OPC Chiang Khola 298 N-31 RUDP-3070 Ambe Hi-tech OPC Chiang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chiang Khola 301 T1L8B RUDP-3073 Ambe Hi-tech OPC Chiang Khola 302 R-16 RUDP-3074 Ambe Hi-tech OPC Chiang Khola 303 R-3 RUDP-3075 Ambe Hi-tech OPC Chiang Khola 304 R-2 RUDP-3076 Ambe Hi-tech OPC Chiang Khola <td>16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20</td> <td>23-Jan-20 23-Jan-20</td> <td></td> <td>15.80</td> <td></td> <td>M20</td>	16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	23-Jan-20 23-Jan-20		15.80		M20
293 TIL7A RUDP-3064 Ambe Hi-tech OPC Chinang Khola 294 R-26 RUDP-3065 Ambe Hi-tech OPC Chinang Khola 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chinang Khola 296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chinang Khola 297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chinang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chinang Khola 299 T2L24 RUDP-3071 Ambe Hi-tech OPC Chinang Khola 300 T3L10A RUDP-3072 Ambe Hi-tech OPC Chinang Khola 302 R-16 RUDP-3074 Ambe Hi-tech OPC Chinang Khola 303 Madhumara yard RUDP-3075 Ambe Hi-tech OPC Chinang Khola 304 R-2 RUDP-3078 Ambe Hi-tech OPC Chinang Khola 305 R-3 RUDP-3081 Ambe Hi-tech OPC	16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	23-Jan-20		16.69		M20
294 R-26 RUDP-3065 Ambe Hi-tech OPC Chisang Khola 295 Koshi Yard RUDP-3066 Ambe Hi-tech OPC Chisang Khola 296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khola 297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chisang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3073 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3079 Ambe Hi-tech OPC	16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20		13-Feb-20	16.25		M20
295 Koshi Yard RUDP-3065 Ambe Hi-tech OPC Chisang Khola 296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khola 297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chisang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chisang Khola 299 T2L24 RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3074 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3081 Ambe Hi-tech OPC	16-Jan-20 16-Jan-20 16-Jan-20 16-Jan-20	23-Jan 20	13-Feb-20	17.07		M20
296 Koshi Yard RUDP-3067 Ambe Hi-tech OPC Chisang Khola 297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chisang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chisang Khola 299 T2L24 RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3077 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 308 R-105 RUDP-3081 Ambe Hi-tech OPC <	16-Jan-20 16-Jan-20 16-Jan-20		13-Feb-20	15.35		M20
297 T3L39A RUDP-3068 Ambe Hi-tech OPC Chisang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chisang Khola 299 T2L24 RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 305 R-15 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 310 T1L7A RUDP-3084 Ambe Hi-tech <t< td=""><td>16-Jan-20 16-Jan-20</td><td>23-Jan-20</td><td>13-Feb-20</td><td>22.18</td><td></td><td>M30</td></t<>	16-Jan-20 16-Jan-20	23-Jan-20	13-Feb-20	22.18		M30
Participant Participant OPC Chisang Khola 298 N-31 RUDP-3069 Ambe Hi-tech OPC Chisang Khola 299 T2L24 RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3075 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3080 Ambe Hi-tech OPC Chisang Khola 310 T1L7A RUDP-3082 Ambe Hi-tech OPC Chisang Khola <t< td=""><td>16-Jan-20</td><td>23-Jan-20</td><td>13-Feb-20</td><td>15.20</td><td></td><td>M20</td></t<>	16-Jan-20	23-Jan-20	13-Feb-20	15.20		M20
299 T2L24 RUDP-3070 Ambe Hi-tech OPC Chisang Khola 300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3081 Ambe Hi-tech OPC Chisang Khola 310 T117A RUDP-3082 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3084 Ambe Hi-tech OPC Chisang		23-Jan-20	13-Feb-20	14.90		M20
300 T3L10A RUDP-3071 Ambe Hi-tech OPC Chisang Khola 301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3077 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3081 Ambe Hi-tech OPC Chisang Khola 310 T11/A RUDP-3082 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 312 N-7 RUDP-3085 Ambe Hi-tech OPC Chisang Kh		23-Jan-20	13-Feb-20 * 13-Feb-20	16.25		M20
301 T1L8B RUDP-3072 Ambe Hi-tech OPC Chisang Khola 302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3077 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 301 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 311 R-3 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 314 R-3 RUDP-3088 Ambe Hi-tech OPC Chisang Khola<	18-Jan-20	23-Jan-20 25-Jan-20	15-Feb-20	15.80		M20
302 R-16 RUDP-3073 Ambe Hi-tech OPC Chisang Khola 303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3077 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 308 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 310 T11.7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 313 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 314 R-3 RUDP-3086 Ambe Hi-tech OPC Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	14.75		M20
303 Madhumara yard RUDP-3074 Ambe Hi-tech OPC Chisang Khola 304 R-2 RUDP-3075 Ambe Hi-tech OPC Chisang Khola 305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 305 R-15 RUDP-3077 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3078 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 308 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 310 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 311 R-2 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 311 R-3 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 313 R-5 RUDP-3087 Ambe Hi-tech OPC Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	15.50 16.69		M20
305 R-3 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 306 R-15 RUDP-3076 Ambe Hi-tech OPC Chisang Khola 307 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 308 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3081 Ambe Hi-tech OPC Chisang Khola 309 R-4 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 301 T1L7A RUDP-3083 Ambe Hi-tech OPC Chisang Khola 301 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 303 R-5 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 304 Rv3 RUDP-3086 Ambe Hi-tech OPC Chisang Khola 305 Koshi Yard RUDP-3088 Ambe Hi-tech OPC Chisang Khola 305 N-3 RUDP-3089 Ambe Hi-tech OPC	18-Jan-20	25-Jan-20	15-Feb-20	18.57		M20 M25
No.6 R-15 RUDP-3077 Ambe Hi-tech OPC Chisang Khola NO.7 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola NO.8 R-105 RUDP-3078 Ambe Hi-tech OPC Chisang Khola NO.8 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola NO.9 R-4 RUDP-3081 Ambe Hi-tech OPC Chisang Khola NO.9 R-4 RUDP-3082 Ambe Hi-tech OPC Chisang Khola N11 R-2 RUDP-3083 Ambe Hi-tech OPC Chisang Khola N12 N-7 RUDP-3084 Ambe Hi-tech OPC Chisang Khola N13 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola N14 R-3 RUDP-3086 Ambe Hi-tech OPC Chisang Khola N15 Koshi Yard RUDP-3088 Ambe Hi-tech OPC Chisang Khola N15 R-4 RUDP-3089 Ambe Hi-tech OPC Chisang Khol	18-Jan-20	25-Jan-20	15-Feb-20	17.14		M20
107 T3L39A RUDP-3078 Ambe Hi-tech OPC Chisang Khola 108 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 109 R-4 RUDP-3080 Ambe Hi-tech OPC Chisang Khola 100 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 112 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 119 R-16 RUDP-3090 Ambe Hi-tech OPC <td>18-Jan-20</td> <td>25-Jan-20</td> <td>15-Feb-20</td> <td>14.46</td> <td></td> <td>M20</td>	18-Jan-20	25-Jan-20	15-Feb-20	14.46		M20
No.8 R-105 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 009 R-4 RUDP-3079 Ambe Hi-tech OPC Chisang Khola 010 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 011 T1L7A RUDP-3082 Ambe Hi-tech OPC Chisang Khola 011 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 012 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 013 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 014 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 015 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 16 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 17 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 18 R-2 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC <	18-Jan-20	25-Jan-20	15-Feb-20	15.80	1.1	M20
1009 R-4 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 110 TIL7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 112 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 118 R-2 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 120 T2L24 RUDP-3091 Ambe Hi-tech OPC	18-Jan-20	25-Jan-20	15-Feb-20	16.10		M20
Initial Relation OPC Chinang Khola 110 T1L7A RUDP-3081 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 112 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 118 R-2 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 121 T3125A RUDP-3092 Ambe Hi-tech OPC Chisang Khola	18-Jan-20	25-Jan-20	15-Feb-20	16.10		M20
R-2 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 111 R-2 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 112 N-7 RUDP-3083 Ambe Hi-tech OPC Chisang Khola 113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 118 R-2 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 119 R-16 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 121 T3125A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 122 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola <td>18-Jan-20</td> <td>25-Jan-20</td> <td>15-Feb-20</td> <td>13.83</td> <td></td> <td>M15</td>	18-Jan-20	25-Jan-20	15-Feb-20	13.83		M15
112 N-7 RUDP-3082 Ambe Hi-tech OPC Chisang Khola 113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 16 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 18 R-2 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 19 R-16 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC	19-Jan-20	26-Jan-20	16-Feb-20	15.57	-	M20
113 R-5 RUDP-3084 Ambe Hi-tech OPC Chisang Khola 114 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 115 Koshi Yard RUDP-3087 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 118 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 119 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 120 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 121 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 122 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 123 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 124 R-12 RUDP-3095 Ambe Hi-tech OPC<	19-Jan-20	26-Jan-20	16-Feb-20	16.32		M20
14 R-3 RUDP-3085 Ambe Hi-tech OPC Chisang Khola 15 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 16 N-3 RUDP-3086 Ambe Hi-tech OPC Chisang Khola 16 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 17 R-4 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 18 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 19 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP	19-Jan-20	26-Jan-20	16-Feb-20	16.77		M20
115 Koshi Yard RUDP-3086 Ambe Hi-tech OPC Chisang Khola 116 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 117 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 118 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 119 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3098 Ambe Hi-tech OPC <t< td=""><td>19-Jan-20</td><td>26-Jan-20</td><td>16-Feb-20</td><td>14.91</td><td></td><td>M20</td></t<>	19-Jan-20	26-Jan-20	16-Feb-20	14.91		M20
16 N-3 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 17 R-4 RUDP-3087 Ambe Hi-tech OPC Chisang Khola 18 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 19 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3094 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola R-4 RUDP-	19-Jan-20	26-Jan-20	16-Feb-20	15.20		M20
17 R-4 RUDP-3088 Ambe Hi-tech OPC Chisang Khola 18 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 19 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola CONTTRUCTION GROUP	19-Jan-20 19-Jan-20	26-Jan-20	16-Feb-20	14.98		M20
18 R-2 RUDP-3089 Ambe Hi-tech OPC Chisang Khola 19 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	19-Jan-20	26-Jan-20 26-Jan-20	16-Feb-20	14.75		M20
19 R-16 RUDP-3090 Ambe Hi-tech OPC Chisang Khola 20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	19-Jan-20	26-Jan-20 26-Jan-20	16-Feb-20 16-Feb-20	16.17		M20
20 T2L24 RUDP-3091 Ambe Hi-tech OPC Chisang Khola 21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	21-Jan-20	28-Jan-20	18-Feb-20	16.62		M20
21 T3L25A RUDP-3092 Ambe Hi-tech OPC Chisang Khola 22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	21-Jan-20	28-Jan-20	18-Feb-20	17.90		M20
22 R-46 RUDP-3093 Ambe Hi-tech OPC Chisang Khola 23 T1L7B RUDP-3094 Ambe Hi-tech OPC Chisang Khola 24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3099 Ambe Hi-tech OPC Chisang Khola CUPL-3099 CUPL-3099 Ambe Hi-tech OPC Chisang Khola CUPL-3009 Ambe Hi-tech OPC Chisang Khola CUPL-3000 Ambe Hi-tech OPC Chisang Khola CUPL-3000 Ambe Hi-tech OPC Chisang Khola CUPL-3000 Ambe Hi-t	21-Jan-20	28-Jan-20	18-Feb-20	14.90		M20 M20
24 R-12 RUDP-3095 Ambe Hi-tech OPC Chisang Khola 25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	21-Jan-20	28-Jan-20	18-Feb-20	14.90		M20 M20
25 N-31 RUDP-3096 Ambe Hi-tech OPC Chisang Khola 26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola	21-Jan-20	28-Jan-20	18-Feb-20	15.80		M20
26 R-4 RUDP-3097 Ambe Hi-tech OPC Chisang Khola 27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola COPUTATION COPUTATION ZHONCHENG CONSTRUCTION GROUP	21-Jan-20	28-Jan-20	18-Feb-20	14.61		M20 M20
27 R-5 RUDP-3098 Ambe Hi-tech OPC Chisang Khola 28 R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola CODUTACION ZHONCHENG CONSTRUCTION GROUP	21-Jan-20	28-Jan-20	18-Feb-20	16.25		M20 M20
R-3 RUDP-3099 Ambe Hi-tech OPC Chisang Khola 29 R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola CODUTATION ZHONCHENG CONSTRUCTION GROUP	21-Jan-20	28-Jan-20	18-Feb-20	17.29		M20
R-4 RUDP-3100 Ambe Hi-tech OPC Chisang Khola Contractor Contractor Contractor Building ZHONCHENG CONSTRUCTION GROUP BUILDING	21-Jan-20	28-Jan-20	18-Feb-20	16.39		M20
ZHONCHENG CONSTRUCTION GROUP BUILDING	21-Jan-20	28-Jan-20	18-Feb-20	15.20		M20
ZHONGHENG CONSTRUCTION GROUP BUILDING	22-Jan-20	29-Jan-20	19-Feb-20	16.39		M20
		Cor	nsultant			
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ngineer Contract Manager Expert Qty Su irrendra Yaday Rabindra K.Thakur H.K. Mandal/8					m Leader	



Biratnagar Metropolitan City Contract No:- RUDP/ICB/BRT-02

Summary Sheet of Concrete CubeTest Report

								Month Year			uary 20
	100 B						T	ype of Materia	al		Cube
S.N.	Location	Lab Ref.no.	Type of Cement	Brand of Cement	Source of	Date of	Date of	Testing	Strength,		Concre
330	R-4	RUDP-3101	Ambe Hi-tech	OPC	Sand+Agg.	Casting	7 Days	28 Days	7 Days	28 Days	Grade
331	Koshi yard	RUDP-3102	Ambe Hi-tech	OPC	Chisang Khola Chisang Khola	22-Jan-20	29-Jan-20	19-Feb-20	12.97		M15
332	Koshi yard	RUDP-3103	Ambe Hi-tech	OPC		22-Jan-20	29-Jan-20	19-Feb-20	16.32		M20
333	R-2	RUDP-3104	Ambe Hi-tech	OPC	Chisang Khola	22-Jan-20 22-Jan-20	29-Jan-20	19-Feb-20	15.20		M20
334	R-5	RUDP-3105	Ambe Hi-tech	OPC	Chisang Khola Chisang Khola		29-Jan-20	19-Feb-20	17.67		M20
335	R-46	RUDP-3106	Ambe Hi-tech	OPC	Chisang Khola	22-Jan-20	29-Jan-20	19-Feb-20	16.17		M20
336	R-12	RUDP-3107	Ambe Hi-tech	OPC		22-Jan-20	29-Jan-20	19-Feb-20	17.52		M20
337	T2L24	RUDP-3108	Ambe Hi-tech	OPC	Chisang Khola	22-Jan-20	29-Jan-20	19-Feb-20	15.35		M20
338	R-26	RUDP-3109	Ambe Hi-tech	OPC ·	Chisang Khola	22-Jan-20	29-Jan-20	19-Feb-20	16.25		M20
339	Koshi yard	RUDP-3110	Ambe Hi-tech	OPC	Chisang Khola Chisang Khola	22-Jan-20	29-Jan-20	19-Feb-20	14.90		M20
340	Madhumara yard	RUDP-3111	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	17.22		M20
341	R-16	RUDP-3112	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	18.50	1	M25
342	N-31	RUDP-3113	Ambe Hi-tech	OPC		24-Jan-20	31-Jan-20	21-Feb-20	14.61		M20
343	R-4	RUDP-3114	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	14.53		M20
344	Koshi yard	RUDP-3115	Ambe Hi-tech		Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	16.32		M20
345	Koshi yard	RUDP-3115 RUDP-3116	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	22.51		M30
346	R-12			OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	15.13		M20
347	N-31	RUDP-3117 RUDP-3118	Ambe Hi-tech Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	*21-Feb-20	16.47		M20
348	T3L25A	RUDP-3118 RUDP-3119	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	16.25		M20
349	T2L24	RUDP-3119 RUDP-3120	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	15.50		M20
	12L24	RUDP-3120	Ambe Hi-tech	OPC	Chisang Khola	24-Jan-20	31-Jan-20	21-Feb-20	14.98		M20
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-	dra Yadav	*	Rabindra K.1		H.K. Mandal/Raja					m Leader	
										esh Chand	



ANNEX-4: SOCIAL& ENVIRONMENT SAFEGUARD

Monitoring Formats Attached – January 2020



Regional Urban Development Project (RUDP) Social Safeguard Monitoring <u>Status of Key Social Issues Compliance</u>

Subproject Road : -RUDP/ICB/BRT/2

Month/Year:January. 2020

Name of Contractor :-ZHONGGHENG Construction GroupInternational Engineering Co pvt Beijing Chaina.

Contract Package: RUDP/ICB/BRT/2

		Co	ompliance Sta	itus			
S.N	Key Social Issuse	Full	Partial	None	Implementing Agency	Note of Remarks	Deadline
1	Availability of drinking water services	V			-		
2	Availability of toilet facility in campsite	٧					
3	Legal source of fuel wood use			V			
4	Legal document of fuel wood source			V			
5	Use of safety accessories	٧					
6	Availability of first aid facility	٧					-
7	Basic wage rate to construction workers	٧					
8	Equal wage rate to male and female workers	-27	V				
9	Compensation of temporarily occupied land	V					
10	Compensation of temporarily occupied buildings	V					
11	Legal document of temporarily occupied assets	V				N	
12	Non use of child labour in construction activities	٧		1	southy (P) Ltd. By		
Prepa	SUDUON GROUP INTERNATION		Verified by:	A Besign	BUDP E	Monitored by	



Environmental Monitoring Format Regional Urban Development Project (RUDP)/Biratnagar

Name of Sub Project: RUDP/ Biratnagar Contract Package: RUDP/ICB/BRT/02

Sub-project Component: - Road Lanes Improvement / Sewerage Drainage Month: January. 2020

Checklist

SN	Activity	Description/Present Status (Compliance/Partially Compliance/Non Compliance	Remarks/ Corrective actions for Non- Compliance
1 1.1	Training Health, Safety and EMP trainings and awareness	Yes	
1.2	Others awareness and skill trainings	No	
2 2.1	Occupational health and safety Insurance for workers	Yes	
2.2	Personal Protective Equipment (PPE) provided to labors and is using (helmet, facemasks, muffles, gloves, boots, jacket, goggles etc.)	Daily Provided	
2.3	Public notification Safety and warning signs and informative signboards in working sites for work safety	Yes Provided	
	Use of barricades, caution tape and flag	Daily Used	
3	Campsite management	Pichra, Judi, Shanti	
3.1	Location	Chowk, Rani	
3.2 3.3	First aid facilities available at camp and worksites Drinking water supply and sanitation facilities/ pit latrines	Yes	R.
3.4	Waste Disposal and Management facilities	Tap water/ Hand Pump Yes	
3.5	Type of fuel used for cooking	L.P.G	
4	Spoil and Construction material Management		
4.1	Cut and fill balance maintained or not, Reuse of spoil materials	Cut & Fill balance maintained	
1.2	Use of safe spoil disposal locations	Not Applicable	I DI INTERNATIONAL EAU
4.3 ,	Disturbance to Pedestrian and traffic movement	No any disturbance to pedestrians & traffic	New Sound



Forest and vegetation	
any)	Not Applicable
Sites for cultural and religious values	
Others	Not Applicable
Electric/Telephone pole	Not Applicable
Access road	Not Applicable
	Not Applicable
	Not Applicable
Impact/disruption of public	
Other utilities	Not Applicable
Building structures	Not Applicable
Impact/Disruption of Private properties	
operation restoration	Asphalt Plant
and Plants Installment	Not Applicable
farmland/risky areas Quarrying of construction materials	
Block age of natural drainages ,water logging, drain water discharge into	Not Applicable
Water quality monitoring result and locations	ok
Dust emission and Noise pollution sites	tanker on such sites.
	Water sprinkled by
Use of private land and agreement with land owners	Yes
	Air, Noise and Water Pollution Dust emission and Noise pollution sites Water quality monitoring result and locations Block age of natural drainages ,water logging, drain water discharge into farmland/risky areas Quarrying of construction materials and Plants Installment Quarry/borrow operation sites Crusher plant and Asphalt plant operation restoration Impact/Disruption of Private properties Building structures Other utilities Impact/disruption of public infrastructures Irrigation canal Water supply pipe Access road Electric/Telephone pole Others Sites for cultural and religious values Cultural and religious sensitive spots (if any)



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Monthly Progress Report

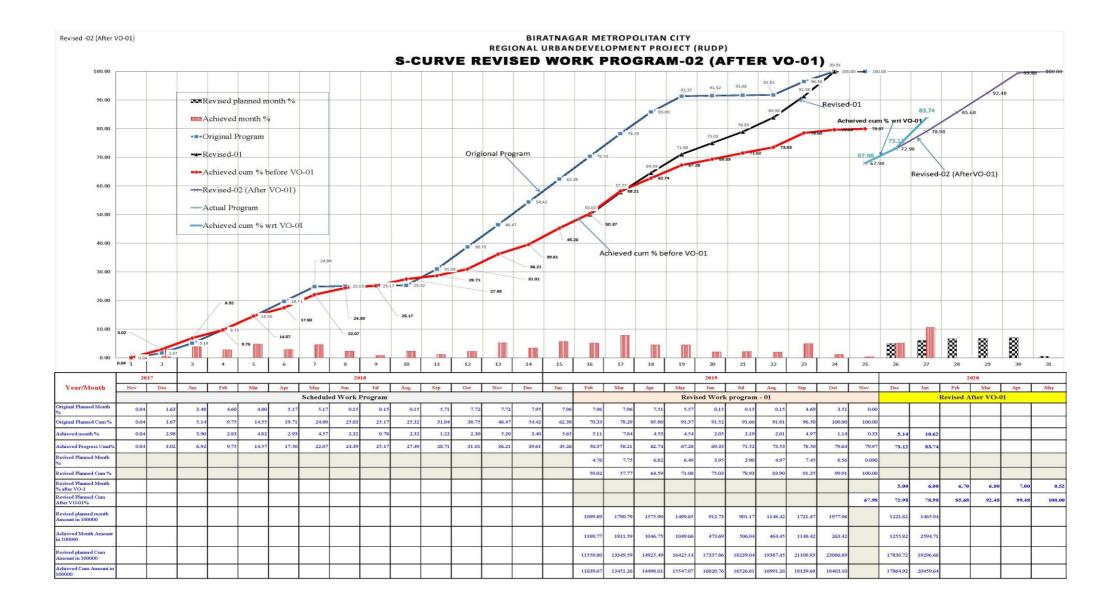
<u>January, 2020</u>

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ANNEX-5: S-Curve

ATTACHED – January 2020







Annex-6: Master Plan of RUDP Project



