



UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT
PROJECT MANAGEMENT CONSULTANCY SERVICES FOR UTTAR PRADESH CORE ROAD
NETWORK DEVELOPMENT PROGRAMME

Construction and Up-gradation of Four Packages of UPCRNDP Phase-I Roads and Design Project
Report (DPR) for Phase II Roads in the State of Uttar Pradesh
(1 NCB Package on Item Rate and 3 ICB Packages on EPC)

MONTHLY PROGRESS REPORT No. 32
FEBRUARY - 2022

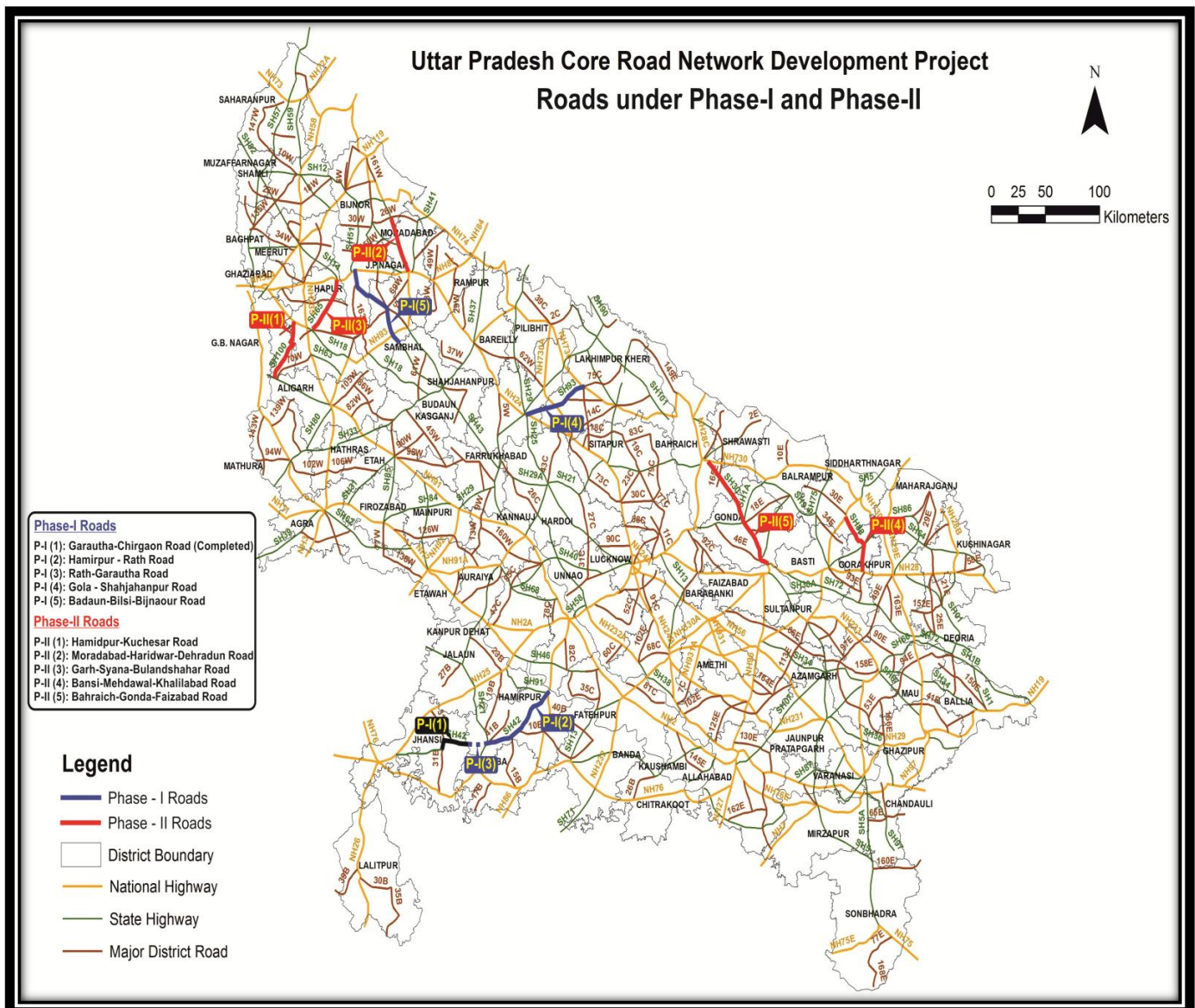


TABLE OF CONTENTS

INTRODUCTION	6
1 PROJECT BACKGROUND	6
2 PROJECT OVERVIEW	6
COMPONENT PART– A	8
3 PART- A	9
3.1 PHASE 1 ROADS	9
3.2 SH-42 MISSING LINK SECTION RATH – GARAUTHA (APPROX. 35.882KM)–2 LANE (COST 251 INR CR.)	10
3.3 PHASE II ROADS	10
LIST OF SELECTED ROADS TO BE DESIGNED AND CONSTRUCTED UNDER PHASE 2 ARE AS UNDER:.....	10
3.4 PHASE-II ROADS PROGRESS	11
4 PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS)	14
5 FINANCIAL PROGRESS OF CONSULTANT (PART-B)	15
COMPONENT PART–B.....	16
6 INTRODUCTION	16
7 AWARDED PACKAGES.....	16
8 CONSTRUCTION PERIOD AND MILESTONES.....	17
9 DESCRIPTION OF WORKS	17
10 DESIGN & DRAWINGS AGENCY OF EPC PACKAGES	18
11 PHYSICAL PROGRESS	19
12 PROGRESS STRUCTURE:.....	21
13 FINANCIAL PROGRESS	23
14 MEETING AND VISIT DURING THE REPORTING MONTH (PART-B)	23
14.1 MEETING / TRAINING HELD DURING THE MONTH	23
14.2 SITE VISITS CARRIED OUT DURING THE MONTH	24
15 CORRESPONDENCE MANAGEMENT	24
16 CONSTRUCTION SUPERVISION CONSULTANT’S MOBILIZATION	24
16.1 ORGANIZATION.....	25
16.2 CONSULTANT’S MOBILIZATION	25
16.2.1 Staff.....	25
16.2.2 Vehicles.....	26
16.2.3 Offices.....	27
CONTRACT PROJECT ACTIVITIES.....	28
17 CONSTRUCTION PACKAGE –UPG-02	28
17.1 INTRODUCTION	28
17.2 SALIENT FEATURES OF CONTRACT	28

17.3	AE STAFF MOBILIZATION AND SUPERVISION ARRANGEMENT DURING MAINTENANCE PERIOD.....	29
17.3.2	<i>Interim Payment Certificate.....</i>	29
17.3.3	<i>Materials.....</i>	29
18	WORK PROGRESS	29
18.1.1	<i>Design and Drawings</i>	29
18.1.2	<i>Maintenance Work Programme</i>	30
18.1.3	<i>Financial Progress</i>	30
18.1.4	<i>Maintenance Payment Certificate.....</i>	30
18.1.5	<i>Physical Progress</i>	30
18.1.6	<i>Quality Control/Quality Assurance</i>	30
18.1.7	<i>Meetings & Site Inspections.....</i>	30
18.1.8	<i>Key Issues</i>	30
18.1.9	<i>Weather.....</i>	31
19	CONTRACT PACKAGE UPG-01	32
19.1	INTRODUCTION	32
19.2	MILESTONES.....	32
19.3	DESCRIPTION OF WORKS	33
19.4	CONSULTANT MOBILIZATION.....	33
19.5	STAFF MOBILIZATION.....	33
19.6	CONSTRUCTION ACTIVITIES: FOCUSES ON O&M WORKS	33
19.6.1	<i>Mobilization of Contractor</i>	33
19.7	WORK PROGRESS	34
19.7.1	<i>Design and Drawings</i>	34
19.7.2	<i>Maintenance Work Programme</i>	34
19.7.3	<i>Financial Progress</i>	34
19.7.4	<i>Maintenance Payment Certificate.....</i>	34
19.7.5	<i>Physical Progress</i>	34
19.8	QUALITY CONTROL / QUALITY ASSURANCE.....	34
19.9	MEETINGS & SITE INSPECTIONS	35
19.10	KEY ISSUES	35
19.11	PROJECT COMPLETION /OPERATION AND MAINTENANCE PERIOD	35
19.12	WEATHER.....	35
20	CONTRACT PACKAGE UPG-03	36
20.1	INTRODUCTION	36
20.2	MILESTONES.....	36
20.3	SALIENT FEATURES	36
20.4	DESCRIPTION OF WORKS	37
20.4.1	<i>Typical Cross Section</i>	37
20.5	CONSULTANT MOBILIZATION.....	37
20.6	STAFF MOBILIZATION.....	37
20.7	CONSTRUCTION ACTIVITIES	38
20.7.1	<i>Site Possession and Utilities</i>	38
20.7.2	<i>Mobilization of Contractor</i>	38
20.8	WORK PROGRESS	39
20.8.1	<i>Structure Drawing Design Status</i>	39
20.8.2	<i>Work Programme and EOT</i>	39
20.8.3	<i>Financial Progress:</i>	39
20.8.4	<i>Stage Payment Statement (Interim Payment Certificate).....</i>	40

20.8.5	Physical Progress	41
20.8.6	Additional Details	42
20.9	QUALITY CONTROL / QUALITY ASSURANCE.....	42
20.10	MEETINGS & SITE INSPECTIONS	42
20.11	KEY AND POTENTIAL ISSUES	42
20.12	WEATHER REPORT	42
21	CONTRACT PACKAGE UPG-04	43
21.1	INTRODUCTION	43
21.2	MILESTONES.....	43
21.3	SALIENT FEATURES	44
21.4	DESCRIPTION OF WORKS	44
21.5	MOBILIZATION OF CONSULTANT	44
21.6	STAFF MOBILISATION	44
21.3	CONSTRUCTION ACTIVITIES	44
21.3.1	Mobilization of Contractor	44
21.4	WORK PROGRESS	45
21.4.1	Design and Drawings	45
21.4.2	Financial Progress	45
21.4.3	Maintenance Payment Certificate.....	45
21.4.4	Physical Progress	45
21.4.5	Quality Control / Quality Assurance	45
21.5	MEETINGS & SITE INSPECTIONS	45
21.6	KEY ISSUES	46
21.7	WEATHER	46
	ENVIRONMENT, SOCIAL, HEALTH AND SAFETY	47
22	ENVIRONMENT, SOCIAL, HEALTH AND SAFETY	48
22.1	INTRODUCTION	48
22.2	ESHS ISSUES AND CORRECTIVE ACTIONS TAKEN.....	48
22.2.1	Statutory Compliance.....	48
22.2.2	Essential Project Insurances.....	49
22.2.3	Aggregate Procurement.....	49
22.2.4	Borrow Areas.....	50
22.2.5	Unresolved Issues:.....	50
22.3	OPERATION AND MAINTENANCE STAGE MONITORING.....	53
22.4	CONSTRUCTION SITE MANAGEMENT.....	54
22.4.1	Compliance Status of Environmental Safeguard	54
23	CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT	56
23.1	ROAD SAFETY PROJECT IMPLEMENTATION STATUS	57
24	SOCIAL MONITORING AND COMPLIANCE REPORT	61
	INTRODUCTION.....	61
	THE OVERALL SUMMARY	61
	PROGRESS OF LAND ACQUISITION	63
	INSTITUTIONAL ARRANGEMENT AND IMPLEMENTATION MECHANISM.....	65
	TABLE 7: PREPARATION AND DISTRIBUTION OF ID CARDS	66
	GRIEVANCE REDRESSAL MECHANISM	69

GRIEVANCE REDRESS CELL SETUP UNDER ESDC.....	69
THE FUNCTIONS OF THE GRC	69
REGISTRATION OF GRIEVANCE	70
GRIEVANCE DURING THE MONTH	70
COMPONENT PART- C	73
25 PART-C COMPONENT	74
25.1 OVERALL PROGRESS OF UPCRNDP – PMC’s SCOPE	74
25.2 STATUS OF CONSULTANCY SERVICES REQUIRED AND MOBILIZED UNDER UPCRNDP	78
25.3 STATUS OF VARIOUS CIVIL WORKS (PROCUREMENT STATUS OF PHASE-II ROADS).....	80
25.4 FINANCIAL PROGRESS OF CONSULTANT (PART-C).....	81
PHOTOGRAPHS (UPG-01/UPG-02/UPG-03/UPG-04)	
APPENDIX A UPG-01 (ANNEXURE-A TO ANNEXURE-E)	
APPENDIX B UPG-02 (ANNEXURE-A TO ANNEXURE-E)	
APPENDIX C UPG-03 (ANNEXURE-A TO ANNEXURE-N)	
APPENDIX D UPG-04 (ANNEXURE- A TO ANNEXURE-N)	

INTRODUCTION

1 Project Background

Uttar Pradesh has a road network of 299,604 Km, out of which 174,451 Km is under Public Works Department (PWD). The roads under PWD comprise 7,550 Km of National Highways (NHs), 7530 Km of State Highways (SHs) 5,761 Km of Major District Roads (MDRs), 3254 Km of Other District Roads (ODRs) and 138,702 Km of Village Roads (VRs). Only about 60% of SHs are two-lane (7 m). In the entire state 62% of MDRs and 83% of ODRs have widths less than 7 m.

With a view to improve the Transport Network System, UPPWD has identified 24,095 Km of Core Road Network for the development. This network comprises of NH, SH, MDR, ODR and the details are presented in the table below:

Road Category	Length (Km)
National Highway (NH)	7,550
State Highway (SH)	7,530
Major District Road (MDR)	5,761
Other District Road (ODR)	3,254
Total	24,095

2 Project Overview

The Civil Works component has been taken in two Phases. The Terms of Reference (TOR) for consultancy contract identifies roads with an aggregate length of 419 Km as Phase-I and remaining roads to be undertaken under Phase- II. The total budgeted Project Cost is about INR 3,500 Crore, out of which funds available for the works has been estimated at about INR 3,000 Crore.

Public Works Department (PWD) on behalf of Government of Uttar Pradesh engaged M/s Egis India Consulting Engineers Pvt. Ltd. to carry out Consultancy Services for Uttar Pradesh Core Road Network Development Plan. The Consultant is required to provide all required assistance and support to the PWD /GoUP/ Bank Task Team in complying with World Bank Investment Project Financing Policies and Procedures.

The Project Management Consultancy services will be undertaken in three Parts.

PART A: Project Preparation including Detailed Engineering Design and Contract Documentation (Lump Sum) 24 months from commencement of services.

PART B: Construction Supervision of Phase I Civil Works (Time Based) Until completion of Civil Works of Phase-I roads including DLP & Maintenance (24-30 months + 60 months Maintenances period including DLP)

PART C: Project Management Services (Time Based) Initially for 5 years further extension based on Consultants performance.

The Contract was signed on 8th August 2014 and it was agreed that the start date for the assignment shall be considered as 19th August 2014. The initial discussions were held on 14th August 2014 with Client on the priority roads and scheduled deliverables. Accordingly, the teams were mobilized and activities commenced on Proposed Phase-I roads.

This **Monthly Report No. 32** is prepared and submitted with respect to Terms of Reference (TOR) for Consultancy Services to Agreement between the Chief Engineer (EAP), Uttar Pradesh Public Works Department (UPPWD) and Egis India Consulting Engineers Pvt. Ltd, New Delhi.

COMPONENT PART- A

**PROJECT PREPARATION INCLUDING DETAILED ENGINEERING DESIGN AND CONTRACT
DOCUMENTATION**

3 PART- A

3.1 Phase 1 Roads

Roads considered under Phase 1 for Part A Component of PMC services as per contract have been modified as under:

S. No.	Phase-I Road/Works as per Contract			Subsequent Revision in Roads/Works by the Client		Present Status
	Road Name	Category	Length (km)	Revised	Design Length	
1	Hamirpur-Rath-Gursahayganj-Jhansi Road	SH-42	168	Splits into three packages	158.812	Except Missing Link – Civil works on 2 Contract package is completed.
2	Gola-Shahjahanpur Road	SH-93	59	No Change	57.535	Under Progress
3	Badaun-Bilsi-Bijnaour	SH-51	79	No Change	79.125	Under Maintenance
4	Utraula-Faizabad Road*	SH-9	59	Replaced by Balrampur – Utraula-Faizabad Road	87.150	Client has further excluded from WB funding.
5	Lepulekh-Bhind(From Jalalabad) Road	SH-29	54	Omitted: Taken as NH	0	Deleted
6	Bridge Over River Sharda	–	–	Shifted to Phase-II	–	Relinquished due to Land acquisition constraints.
		Total	419		382.622	

Note: *Proposed Roads at sl.no.4 has been added 28 Km of length as “Balrampur-Utraula-Faizabad Section” of SH-26 and SH-9 for the DPR works.

The Roads finalized under Phase 1 are as under:

S. No.	Package	Road/Works	Category	Length (km)	Civil Cost (INR Cr)	Present Status
1	UPG-01	Hamirpur-Rath	SH-42	72.785	262.40	Under O&M
2	UPG-02	Garautha-Chirgaon	SH-42	49.145	189.99	Under O&M
3	UPG-03	Gola-Shahjahanpur	SH-93	56.388	356.90	Under Civil Work
4	UPG-04	Badaun-Bilsi-Bijnaour	SH-51	79.125	334.00	Under O&M

The detailed project report of Phase 1 Roads are given under Part B Component.

3.2 SH-42 Missing Link Section Rath – Garautha (Approx. 35.882Km)–2 Lane (Cost 251 INR Cr.)

- Due to extensive land acquisition and environmental clearances, the Client has decided its civil work shall be carried out in timeline of Phase-II Roads.
- Final Draft DPR submitted on 4th December 2020 to Client via Email.
- NOC from World Bank received on 22nd December 2020 subject to world bank compliances to be included in the Final DPR;
- The final DPR has been submitted incorporating all comments and revisions as advised by the Client and World Bank vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1148 Dated 07.01.2021.
- Bidding Document are also prepared and submitted on 20th February 2021
- WB comments received on the Bid Documents and response prepared for submission in early April 2021.
- Bidding documents of Missing Link approved by WB and UPPWD.

3.3 Phase II Roads

Client (EAP-PWD) vide letter no.2018/1-02/UPCRNDP/CEWB/2019 dated 16/10/2019 granted Five Roads with G.O.No. 1480/23-12-2019-88/15 (R) dated 09/10/2019 for Detailed Project Report Preparation.

List of selected roads to be designed and constructed under Phase 2 are as under:

Sl.No	Phase – II Road/Works as approved by State Govt.				DPR Study Revealed	
	Name of Road/work	Category	Length	Estimated Cost (INR Cr.)	Revised Length (km)	Revised Estimated Cost INR(Cr)
1	Moradabad-Haridwar-Dehradun Road	SH-49	36.000	356.40	36.170	444.95
2	Garh- Syana-Bulandshahar Road	SH-65	49.500	499.20	49.674	700.74
3	Baharaich - Gonda-Faizabad Road	SH-30	60.100	365.00	59.237	437.74
4	Hamidpur- Kuchesar Road	SH-100	47.500	289.20	19.109	155.75
5	Bansi-Mehndawal-Khalilabad Road	SH-88	32.000	193.10	28.870	257.06
Total			225.1	1702.9	193.060	1996.26

3.4 Phase-II Roads Progress

The status of DPR of roads under Phase-II is given in following tables:

Sl.No	Name of Road	Moradabad-Haridwar-Dehradun (Km 0.000- Km 36.000) 4 Lane
	Road Category	SH-49
	District	Moradabad
	Proposed Revised length	36.170
	Revised Estimated block/indicative Cost (INR Cr.)	444.95
	Inception Report	Submitted on 27 th Nov-2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	(Completed) Report is submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
11	Environmental Impact Assessment	Submitted
12	Feasibility Study Report	Completed
13	Alignment Finalization	Completed
14	Geotechnical Investigation	Completed
15	Structure Design	Submitted
16	Highway Design and Drawings preparation	Submitted
17	Rate analysis and Cost Estimation	Submitted
18	Detailed Design Report (DPR)	Revision 5 Submitted
19	Drawings and Bidding Documents	To be Submitted
20	Contract documentation	Scheduled
21	Packaging	Scheduled
Sl.No	Name of Road	Garh-Syana-Bulandshahar (Km 0.000- Km 49.500)- 4 Lane
	Road Category	SH-65
	District	Bulandshahar
	Proposed Revised length	49.674
	Revised Estimated block/indicative Cost (INR Cr.)	700.74
	Inception Report	Submitted on 27 th Nov-2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data	Completed

	Compellation and Report Preparation	
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	Submitted
13	Feasibility Study Report	Submitted
14	Alignment Finalization	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Rate analysis and Cost Estimation	Submitted
19	Detailed Design Report (DPR)	Revision 1 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	Bahraich-Gonda-Faizabad (Km 05.500 - Km 65.600) – 2 lane
	Road Category	SH-30
	District	Bahraich-Gonda
	Proposed Revised length	59.237
	Revised Estimated block/indicative Cost (INR Cr)	437.74
	Inception Report	Submitted on 27 th Nov-2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed

12	Environmental Impact Assessment	Submitted
13	Feasibility Study Report	Submitted
14	Alignment Finalisation	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Rate analysis and Cost Estimation	Submitted
19	Detailed Design Report (DPR)	Revision 3 Submitted
20	Drawings and Bidding Documents	Revision 2 Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No.	Name of Road	Hamidpur-Kuchesar Road Hamidpur via Badshahpur (0.000 to 47+500 Km) 2 Lane
	Road Category	SH-100 (Note: Approx. 27 km converted to National Highway also consultant requested to propose Green Highway with cost analysis for the remaining section)
	District	GautamBudhnagar
	Proposed Revised length	19.109
	Revised Estimated block/indicative Cost (INR Cr.)	155.75
	Inception Report	Submitted on 27 th Nov. 2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	To be Submitted
13	Feasibility Study Report	Completed
14	Alignment Finalization	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	To be Submitted
17	Highway Design and Drawings preparation	To be Submitted
18	Rate analysis and Cost Estimation	To be Submitted

19	Detailed Design Report (DPR)	Revision 2 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	Bansi-Mehdawal-Khalilabad (Km 0.000 - Km 28.900) – 2 Lane
	Road Category	SH-88
	District	Sant Kabir nagar-Sidhartnagar
	Proposed Revised length	28.870
	Revised Estimated block/indicative Cost (INR Cr.)	257.06
	Inception Report	Submitted on 27 th Nov. 2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	Submitted
13	Feasibility Study Report	Submitted
14	Alignment Finalization	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Technical Specification finalization	
19	Rate analysis and Cost Estimation	
20	Detailed Design Report (DPR)	Revision 3 Submitted
21	Drawings and Bidding Documents	Revision 7 Submitted
22	Contract documentation	Scheduled
23	Packaging	Scheduled

4 Project Management Information System (PMIS)

The Progress on various modules of PMIS is indicated below:

Sl. No.	Modules	Status
1	Grievance Redressal System	Completed
2	Project Website	Completed
3	Content Management System (CMS) / Document Management System	Completed
4	Knowledge And Documentation Centre	Completed
5	Works Estimation System / BOQ automation, Measurement System, Risk Management, Quality Management System	Completed
6	Financial Accounting & Cost Management System	Completed
7	E-Procurement System (provide interface)	Completed
8	Scope Management System	Completed
9	Monitoring and evaluation (M&E) & Decision Support System	Completed
10	Computer Aided Design (CAD) System	Completed
11	Project Roads Database	Completed

Note: Construction Supervision Manual , Road Maintenance Manual and Quality Maintenance Program all reports were submitted on 24th November 2021.

5 Financial Progress of Consultant (PART-B)

Financial Expenditure of PMC Services up to February – 2022

PART –B Up to February 2022 (INR) - CLAIMED AMOUNT

Sl No.	Description	Contract Amount (INR)	Amt as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	82,286,700	90,354,046	56,940,912	33,413,134
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	80,984,165	66,469,345
3	Reimbursable Expenses	44,607,516	48,363,117	28,024,970	20,338,147
Total		314,833,016	286,170,673	165,950,047	120,220,626
4	Escalation			38,852,250	
Grand Total		314,833,016	286,170,673	204,802,297	

COMPONENT PART-B

CONSTRUCTION SUPERVISION OF CIVIL WORKS

6 Introduction

Civil Works Component under Part-B concedes for providing Construction Supervision Services and Contract Administration for the Improvement of Uttar Pradesh Core Road Network Development Project.

7 Awarded Packages

Sl. No.	Package Name	Contract Name	Contractor	Contract Amount (INR Cr.)	Length (km)	Appointed Date
1	Up-gradation and Maintenance of Garautha-Chirgaon Section of SH-42 from Km 118.600 to Km 167.745 (UPG-02)	NCB No. UPCRNDP/UPG/02/2014	M/s NKC Projects Pvt. Ltd.	189.99	49.145	15-01-2018
2	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath section of SH-42 from Km 2.065 to Km 74.255 (UPG-01)	ICB No. UPCRNDP/UPG/01/2018	M/s GHV (India) Pvt. Ltd.	262.39	72.785	25-06-2019
3	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola-Shahjahanpur section of SH-93 from Km 1.280 to Km 58.580 (UPG-03)	ICB No. UPCRNDP/UPG/03/2018	M/s APCO Infratech Pvt. Ltd.	356.90	57.535	11-11-2019
4	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour section of SH-51 from Km 58.400 to Km 137.820 (UPG-04)	ICB No. UPCRNDP/UPG/04/2018	M/s GAWAR Construction Ltd.	334.00	79.125	04-11-2019
	TOTAL			1143.28	258.59	

8 Construction Period and Milestones

Package Name	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath section of SH-42 from Km 2.065 to Km 74.255 (UPG-01)	Up-gradation and Maintenance of Garautha-Chirgaon Section of SH-42 from Km 118.600 to Km 167.745 (UPG-02)	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola-Shahjahanpur section of SH-93 from Km 1.280 to Km 58.580 (UPG-03)	Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour section of SH-51 from Km 58.400 to Km 137.820 (UPG-04)
Date of Agreement	19-06-19	05-01-17	26-06-19	05-07-19
Appointed Date	25-06-19	15-01-18	11-11-19	04-11-19
Construction Period	730 days	24 Months	730 days	730 days
Maintenance Period	1826 days	5 Years	1826 days	1826 days
Milestone 1	21-11-19	14-01-19	08-04-20	01-04-20
Milestone 2	19-05-20	14-01-19	05-10-20	28-09-20
Milestone 3	15-11-20	15-07-19	03-04-21	27-03-21
Scheduled Completion Date	23-06-21	14-01-20	09-11-21	02-11-21
Extended Scheduled Completion Date	02-09-21	31-10-20	15-03-22	10-01-22
Actual Completion Date	12-08-21	31-10-20	--	10-01-22

9 Description of Works

The works of undergoing contract packages are being executed under Engineering and Procurement mode of Contract except for Package UPG-02 which is Unit Rate (BOQ) contract. Contracts utilize both new and existing alignments. The work involves improvement of State Highways including geometric improvements and realignments to standard 2-lane of 7 m carriageway, 1.5 m paved shoulders, and soft shoulders. The Construction works include:

- ❖ Reconstruction of the full design width of road
- ❖ Earthworks and sub-grade preparations
- ❖ Granular sub-base, wet mix macadam base course, bituminous concrete surfacing
- ❖ Geometric realignments wherever necessary
- ❖ Construction of paved and soft shoulders
- ❖ Construction and maintenance of diversion roads
- ❖ Construction of lined drains, covered drains and footpaths in urban areas
- ❖ Construction of unlined longitudinal drains in rural areas

- ❖ New/widening/Reconstruction of culverts, bridges and repair and rehabilitation of existing bridges/culverts
- ❖ Protective works at Structural works and on embankment slopes
- ❖ Provision of road traffic safety signs and markings
- ❖ Provision of road furniture and other road safety appurtenances
- ❖ Environmental protection and enhancement measures
- ❖ Rainwater Harvesting and Tree Plantation
- ❖ Social enhancement works-Community Property Rehabilitation works etc.,
- ❖ Routine maintenance and maintenance during Defects Liability Period.

10 Design & Drawings Agency of EPC Packages

Package	Consultant	Description	Contractor's Submissions	Client/AE's Comments	Status
Hamirpur-Rath (UPG-01)	Design Consultant Team	Mr. M. Ubendiran, Design Director cum Team Leader; Mr. Alok Anandmani, Highway cum Pavement Design Engineer and Mr. Pradeep Kumar Pandey, Structure/Bridge Design Engineer	GHV/Site/ SH-42/ Kanpur /102 Dated 11.07.2019	Approved vide SE letter No. 763 C/24C -WBPCCK/19 Dated 18.07.2019	Approved
	Proof Check Consultant	M/s Antique Build Tech (P) Ltd.	GHV/Site/ SH-42/ Kanpur /103 Dated 11.07.2019	SE letter No. 765 C/24C- WBPCCK/19 Dated 18.07.2019	Approved
	Safety Consultant	M/s Khanna Goyal Designers LLP, Gurugram	GHV/Site/ SH-42/ Kanpur /104 Dated 11.07.2019	SE letter No. 764 C/24C - WBPCCK/ 19 Dated 18.07.2019	Approved
Gola-Shahjahan pur (UPG-03)	Design Consultant Team	Mr. Virendra Pal Singh; Highway cum Pavement Design Engineer Mr. Ishwinder Singh Dua and Structure/Bridge Design Engineer Mr. Rajesh Kumar Jindal	APCO/CO/GOLA-SHAH/ RE/2019-20/ 6220 Dated 15.07.2019	1655/800-16/UPCRNDP/WB YC/18 Dated 19.08.2019	Approved
	Proof Check Consultant	M/s Chaitanya Project Consultancy Private Limited	APCO/WB-UPPWD/EGIS/ST /10 Dated 07.08.2019	SE Informed vide letter No. 1662/800-16/UPCRNDP/WBYC/19 Dated 20.08.2019 and CE Approved vide letter No. 1948/EAP/WB/UP G-03/2018 Dated 19.08.2019	Approved

	Safety Consultant	M/s Casta Engineers Private Limited, New Delhi	APCO/CO/MSRD C/2018-19/6029 Dated 21.05.2019	1895/EAP/WB/UP G-03/2018 Dated 17.07.2019	Approved
Badaun-Bilsi-Bijnaour (UPG-04)	Design Consultant Team:	Design Director & Team –Shri Satbir Singh Puwar Design Director, Shri K.B Deswal Highway Cum Pavement Design Engineer and Shri Anupam Mishra Structure/Bridge Engineer	Submitted to UPPWD in Nov'2019	1265/21 Com W.B.P. C./19-20 Dated 18.11.2019	Approved
	Proof Check Consultant	NIT Kurukshetra	Submitted to UPPWD in Nov'2019	1352/21 Com.- W.B.P.C./19-20 Dated 26.11.2019	Approved
	Safety Consultant	M/s G-EBG Advisory Services Pvt. Ltd.	Submitted to UPPWD in Nov'2019	1351/21 Com.- W.B.P.C./19-20 Dated 26.11.2019	Approved

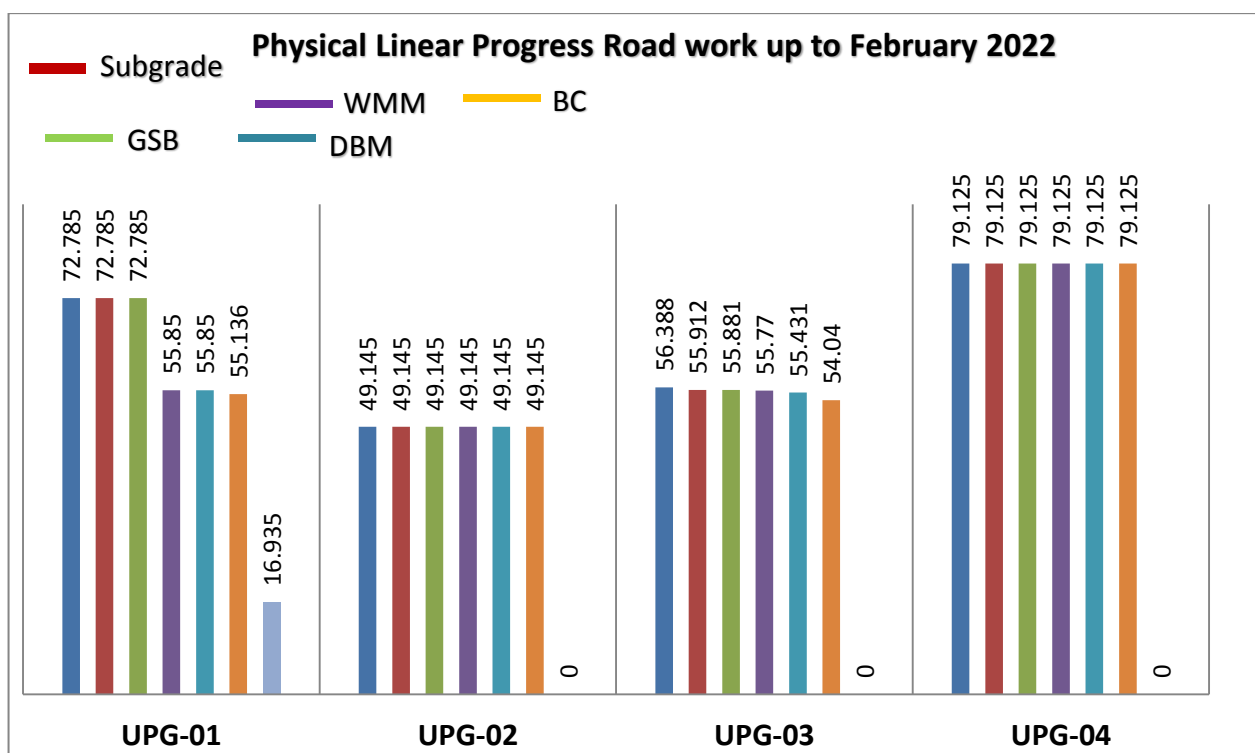
11 Physical Progress

At present the construction work is in progress in 1 EPC modes of Civil Contracts Packages. The Civil Works Part 1 of Garautha- Chirgaon (UPG-02) under item rate Contract Package is completed on 31st October 2020. Second EPC Contract Package Hamirpur-Rath (UPG-01) Section of SH-42 is completed on 12th August-2021. Third EPC Contract Package Badaun-Bilsi-Bijnaour (UPG-04) section of SH-51 is completed on 10th January 2022. The Progress status Package wise is as below:

Physical Progress Report February - 2022						
	Sub Grade Top in Km			GSB in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	72.785	72.785	100.00	72.785	72.785	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	55.912	99.16	56.388	55.881	99.10
UPG-04	79.125	79.125	100.00	79.125	79.125	100.00
Total	257.443	256.967		257.443	256.936	
	WMM in Km			DBM in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.85	55.85	100.00	55.85	55.85	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	55.77	98.90	56.388	55.431	98.30
UPG-04	79.125	79.125	100.00	79.125	79.125	100.00
Total	240.508	239.89		240.508	239.551	

BC in Km				DLC in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.136	55.136	100.00	16.935	16.935	100.00
UPG-02	49.145	49.145	100.00	0	0	
UPG-03	56.388	54.04	95.84	0	0	
UPG-04	79.125	79.125	100.00	0	0	
Total	239.79	237.446		16.935	16.935	

PQC in Km			
Package	Scope (Km)	Completed	Completed %
UPG-01	16.935	16.935	100.00
UPG-02	0		
UPG-03	0		
UPG-04	0		
Total	16.935	16.935	



12 Progress Structure:

Physical Progress of Structure Works Up to the Month of February-2022								
Package – UPG/01 (Hamirpur-Rath Road Project)								
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
1	Minor Bridges (Reconstruction)	4	4	4	0	0	100%	All Works Completed Up to August , 2021
2	Box Culverts (Reconstruction)	43	43	43	0	0	100%	
3	HP Culverts (Reconstruction)	36	36	36	0	0	100%	
4	Minor Bridge (Widening +Rep.)	0	0	0	0	0	0%	
5	Culverts (Widening +Rep.)	28	28	28	0	0	100%	
6	Repair of Structures	18	18	18	0	0	100%	
	Total	129	129	129	0	0	100	

Package – UPG/02 (Garautha –Chirgaon Road Project)								
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
1	Minor Bridges (Reconstruction)	5	5	5	0	0	100.00%	All Works Completed Up to October, 2020
2	Box Culverts (Reconstruction)	46	46	46	0	0	100.00%	
3	HP Culverts (Reconstruction)	29	29	29	0	0	100.00%	
4	Minor Bridge (Widening +Rep.)	1	1	1	0	0	100.00%	
5	Culverts (Widening +Rep.)	13	13	13	0	0	100.00%	
6	Repair of Structures	4	4	4	0	0	100.00%	
	Total	98	98	98	0	0		

Physical Progress of Structure Works Up to the Month of February-2022

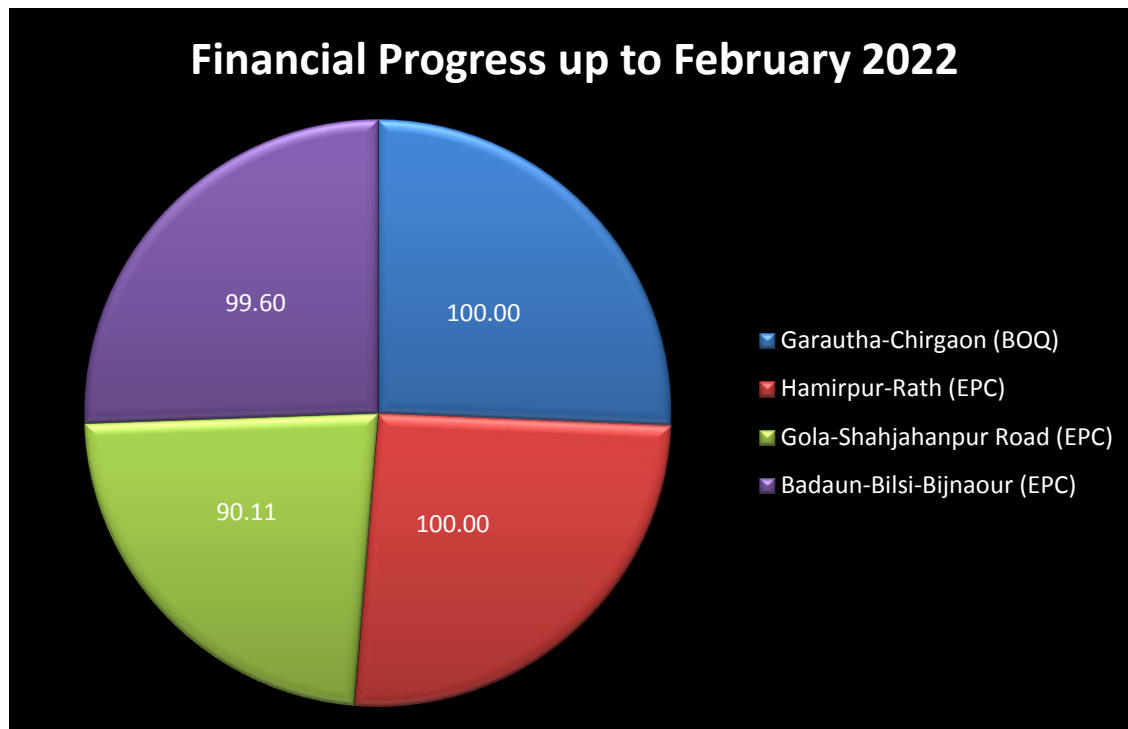
Package – UPG/03 (Gola-Shahjahanpur Road Project)

S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
1	Major Bridges (Reconstruction)	1	0	0	1	0	75%	Deck Slab Completed
2	Minor Bridges (Reconstruction)	4	3	4	0	0	92.50%	Deck Slab Completed
3	Wild Animal Under Pass	3	3	3	0	0	100%	COS
4	Box Culverts (Reconstruction)	18	18	18	0	0	100%	FP works in progress
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%	FP works in progress
6	Minor Bridge (Widening +Rep.)	3	3	3	0	0	100%	FP Works In Progress
7	Culverts (Widening +Rep.)	32	32	32	0	0	100%	FP Works In Progress
8	Repair of Structures	15	15	15	0	0	100%	
	Total	93	91	92	1	0		

Package – UPG/04 (Badaun – Bilsa- Bijnaour Road Project)

Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
Minor Bridges (Reconstruction)	2	2	2	0	0	100%	
Box Culverts (Reconstruction)	11	11	11	0	0	100%	
Slab Culverts (Reconstruction)	6	6	6	0	0	100%	
HP Culverts (Reconstruction)	69	69	69	0	0	100%	
Minor Bridge (Wid. +Rep.)	1	1	1	0	0	100%	
Culverts (Wid. +Rep.)	18	18	18	0	0	100%	
Repair of Structures	4	4	4	0	0	100%	
Total	111	111	111	0	0		

13 Financial Progress



Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)	Paid IPC Nos.	Remarks
Garautha-Chirgaon (BOQ) (Revised Cost) Part-1	183.92	183.92	IPC-24	Excl. Maintenance Statement at Completion
Hamirpur-Rath (EPC) (Revised Cost)	275.65	275.65	IPC-18	Final IPC
Gola-Shahjahanpur Road (EPC)	356.9	321.59	IPC-15	
Badaun-Bilsi-Bijnaour (EPC)	334.08	332.76	IPC-17	
TOTAL (In Crore)	1150.55	1113.92		

14 Meeting and Visit during the Reporting Month (Part-B)

14.1 Meeting / Training held during the Month

02.02.2022- Environment Status Review meeting of Phase-I and Phase-II attended by PD, TL, DTL, PM, Sandeep Bhardwaj (Env. Exp. Egis), SE Kanpur, Sanjay Gupta, Sanjay Gautam and Dr. Seema Srivastava (Env. Exp. PWD).

08.02.2022- Meeting held in CE(EAP) Office, Lucknow under chairmanship of Chief Engineer regarding discussion on Progress Review Meeting of Phase-I and II Roads attended by the UPPWD Project Director, Team Leader, Deputy Team Leader (Egis), Environmental Expert (Egis) and Senior Quantity Surveyor (Egis).

14.2 Site Visits Carried out during the Month

09.02.2022 – Site Visit for safety audit carried out by the Road Safety Auditor Mr. Bhushan Kr. Merigala for Gola-Shahjahanpur Road Project on 09.02.2022

09.02.2022 to 12.02.2022 - Site Visit carried out by the Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Gola—Shahjahanpur road project and Site Inspection Notes issued to the Contractor (APCO) for compliance vide letter No. Egis India/LKO/UPCRNDP/2022/1645 Dated 15.02.2022.

10.02.2022 to 12.02.2022 - Site Visit carried out by the Environmental Specialist Mr. Devbrat and Construction Safety Expert Mr. Suraj Kumar Pathak for Hamirpur-Rath Road Project and issues/observations with recommendations notified to the Contractor (GHV) vide letter No. Egis India/LKO/UPCRNDP/2022/1648 Dated 16.02.2022 for submitting Compliance Report.

12.02.2022- Site Visit carried out by the Team Leader for Hamirpur-Rath and Missing Link Roads on 12.02.2022.

15.02.2022 - Site Visit carried out by the Deputy Team Leader Mr. Sarwan Singh for Gola—Shahjahanpur road project and Site Inspection Report issued to the Contractor (APCO) vide letter No. Egis India/LKO/UPCRNDP/2022/1650 Dated 17.02.2022 for submitting Compliance Report at the earliest.

15.02.2022 to 19.02.2022 - Site Visit carried out by the Environmental Specialist Mr. Devbrat for Gola—Shahjahanpur road project and informed to the Contractor (APCO) vide letter No. Egis India/LKO/UPCRNDP/2022/1641 Dated 14.02.2022

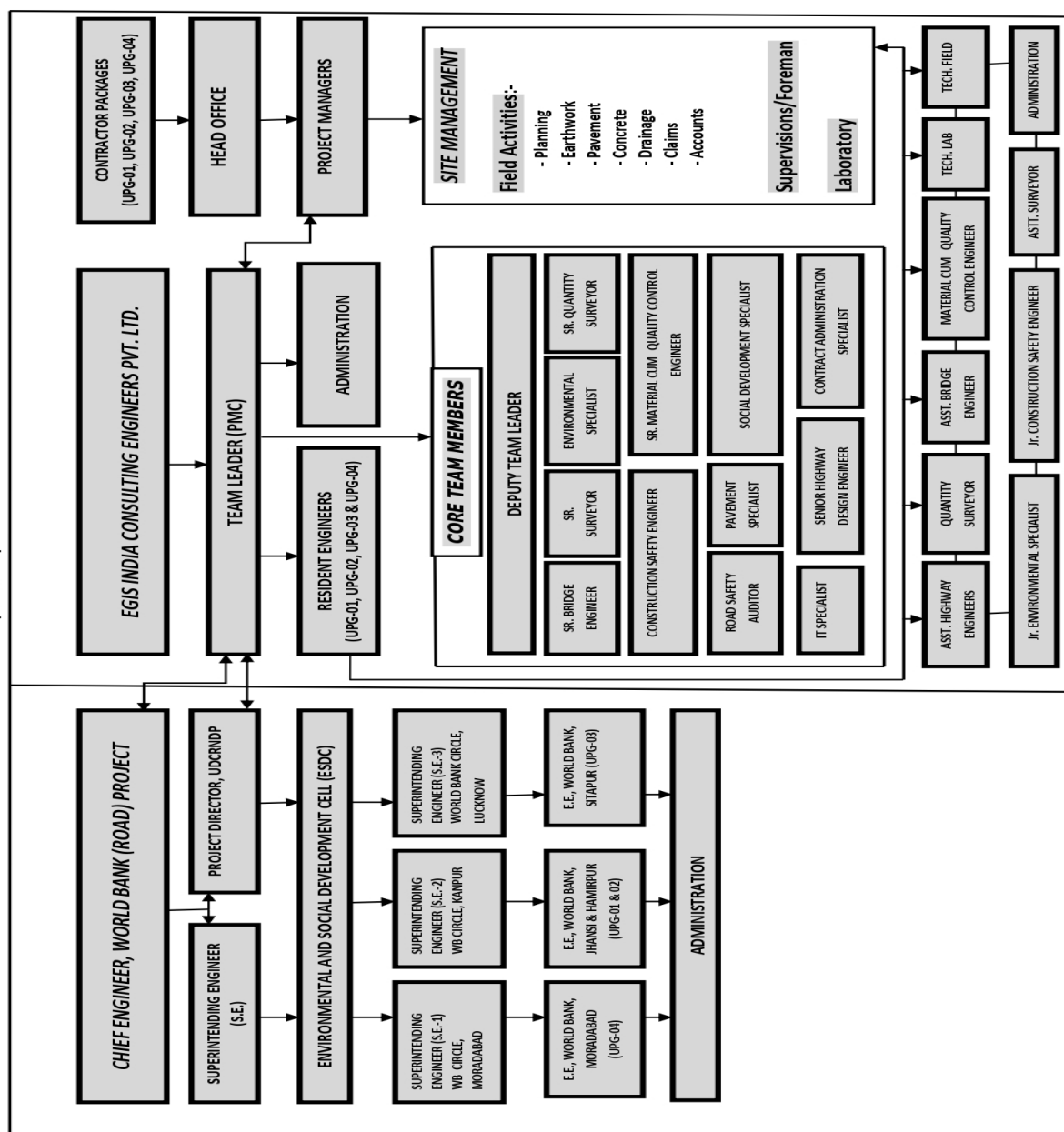
25.02.2022 – Site Visit carried out by the Environmental Specialist for Hamirpur-Rath Road and Meeting with DFO, Hamirpur regarding Missing Link Road Project.

15 Correspondence Management

Important Correspondences and Minutes of the Meeting conducted are attached as Enclosure-1.

16 Construction Supervision Consultant's Mobilization

PROJECT ORGANIZATION CHART
(part-B & C)



16.1 Organization

The Construction Supervision Services for Phase-I Roads including EPC Contract Supervision is shown diagrammatically in the Construction Supervision Organization chart in Figure above:

16.2 Consultant's Mobilization

16.2.1 Staff

The table below shows Egis Staff mobilizations until the date of this report, together with the proposed durations of each staff member.

Position	Name	Duration (months)	Start Date	Remarks
TEAM LEADER'S OFFICE				
Team Leader	Mohd. Ayaz Beg	65.381	01.06.19	
Dy. Team Leader (Const. Mgmt. Specialist)	Mr. Sarwan Singh Saini	36	18.03.21	Part B & C services
Contract Administration Specialist	TBA	36	TBA	Part-C Services
Senior Highway Design Engineer	Mr. Sanjay Kumar	18		Part-C Services (Existing Staff of EGIS)
Senior Bridge Design Engineer (intermittent)	Mr. Rashid Najfi	10		Part-C Services (Existing Staff of EGIS)
IT Specialist	Mr. Sanjay Ayyangar	36	10.09.19	Part B & C Services
Social Development Specialist	Dr. Sudesh Kaul	16.44	08.08.18	Part-C Services
Road Safety Auditor	Mr. Bhushan Kumar Merigala	10		Part-C Services (Existing Staff of EGIS)
Pavement Specialist (Intermittent)	Mr. T. Someshwar Rao	11	03.09.19	Part-C Services
Senior Material cum Quality Control Specialist	Mr. Alok Sinha	45.5	06.07.18	Part-B Services
Construction Safety Engineer	Mr. Suraj Kumar Pathak	40	03.01.22	
Environment Specialist	Mr. Dev Brat Singh	45	15.03.18	Part-B & C Services
Senior Surveyor	-	16	05.03.18	Position not required.
Senior Bridge Engineer	Mr. Rajiv Ranjan Verma	39	01.05.20	Part-B Services
Senior Quantity Surveyor (Additional)	Mr. Anil Katiyar	42	19.02.20	Part-B Services
PMIS/Procurement Sub-professional	Mr. Deepak Pant	72	26.06.19	
Assistant Social Development Specialist (Additional)	Mr. Bikram Singh	10	11.09.19	
Office Manager cum Accountant	Mr. K.C. Joshi	72	14.05.18	
Computer Operator	Mr. Ashok Kumar Srivastava	72	15.04.15	
Office Assistant	Mr. Sunil Kumar	72	03.06.19	
Watchman	Mr. Surendra Kumar	72	13.12.21	

Notes: UPG-02 Part-1 Project Works completed on 31st Oct-2020 hence all Field staffs are demobilized; UPG-01 Civil works Phase is completed on 12th August 2021- Most of Staff are demobilized, only 4 technical Field Staff & Office Support Staff is present at site for Monitoring the O&M works of both UPG-01 & UPG-02 with support of TL Office. The details are presented in Section 19 (UPG-01 Report).

16.2.2 Vehicles

The Table below shows the Vehicles that have been deployed by the Egis for the use of Team Leader and Resident Engineers' Staffs in the project for the Supervision of Civil Work. The commercial registered Vehicles have been engaged with Drivers and fuel through vendors. Statutory Permit, Routine Service and Repairs for the Vehicles will be carried out by the Vendors.

S. No.	Vehicle Type	Vehicle No.	Start Date	Remarks
TEAM LEADER'S OFFICE (LUCKNOW)				
1	MARAZZO	UP-32 LN 6457	13.08.2019	
2	TATA JEST	UP-32 LN 1212	23.07.2018	
CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH				
1	TUB	UP-93 CT 2775	01.05.2020	
CONTRACT PACKAGE – UPG/03 GOLA - SHAHJAHANPUR				
1	BOLERO	UP-31 AT 2263	12.05.2020	
2	BOLERO	UP-27 AU2415	06.12.2019	
3	BOLERO	UP-27 AU2414	06.12.2019	
CONTRACT PACKAGE –UPG/04 BADAUN – BILSI - BIJNAOUR				
1	MARUTI ERTIGA	UP-15 DT 8134	26.08.2019	

16.2.3 Offices

Team Leader Office has been set up in Lucknow near to Client's Office.
 Address is: Office of the Team Leader/Authority Engineer,
 Egis India Consulting Engineers Pvt. Ltd.
 House No.3/138, Vishal Khand-3, Gomti Nagar,
 Lucknow, UP-226010, Phone: 0522 - 4952905,
 Email: egis_upcrndp@egis-india.com

Site Office Addresses:

<u>Contract Package – UPG/01</u> Hamirpur – Rath Section of SH-42 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, C/o Mr. Ram Ratan Singh, Nai Basti, Charkhari Road, Near Ramlila Ground, Rath Distt.-Hamirpur,U.P.-210 431 (This office will be supervising the Civil works of Missing Link too)	<u>Contract Package- UPG/02</u> Garautha–Chirgaon Section of SH-42 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, C/o Mr. Ram Ratan Singh, Nai Basti, Charkhari Road, Near Ramlila Ground, Rath Distt.-Hamirpur,U.P.-210 431 All Staff and Site office was demobilized from 31st Dec 2020
<u>Contract Package – UPG/03</u> Gola – Shahjahanpur Section of SH-93 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, 1 st and 2 nd Floor, Main Shahjahanpur Road In front of Garg Crasher, Bara Road, Mohammadi, Uttar Pradesh-262 804	<u>Contract Package – UPG/04</u> Badaun–Bilsi–Bijnaour Section of SH-51 Site office was demobilized from 31st Dec 2020

CONTRACT PROJECT ACTIVITIES

17 CONSTRUCTION PACKAGE –UPG-02

17.1 Introduction

Contract Package UPG-02, Up-gradation (Widening/Strengthening) of Garautha-Chirgaon Section of SH-42 From Km. 118+600 to Km. 167+745, has been awarded to M/s NKC Projects Pvt. Ltd., Gurgaon, for a Contract Amount of Rs. 189,99,99,491.00. The Contract Agreement No.100/UPCRNDP/CEEAP/2016-17 was signed on 4th January 2017.

The project works are divided into two parts,

PART-1 Completed on 31st October 2020 and completion certificate issued by the Engineer and the site was handed over to the Client, however as the contract includes Part- 2 DLP/Maintenance works for 5 Years, the site was handed over back to the same contractor NKC Projects Pvt. Ltd.

PART-2 Includes maintenance for 5 Years after taking over Part-1 works, which started on 1st November 2020

This Monthly Operation and Maintenance Report cover the Month of February 2022 and summarize the activities up to end of this month. M/s Egis India Consulting Engineers Pvt. Ltd., has been entrusted for construction Supervision and Contract administration of the Contract procured under item rate by the UPCRNDP-PWD, World Bank Division.

Contract Package	UPCRNDP/UPG/02/2014 Garautha-Chirgaon Road (SH-42)		
	PART-1	PART-2	Remarks
Project Length (In Km)	49.145	49.145	
Project Cost (In Cr.) (As per CA)	185.77	4.22	
Project Cost (In Cr.) (Actual)	183.92	4.22	
Scheduled Start date (As per CA)	15-01-2018	15-10-2020	24 months for Part-1 works and 5 Years for Part-2 works including 1 yrs. of DLP
Scheduled Completion date (As per CA)	14-01-2020	14-01-2025	
Actual Start Date	15-01-2018	01-11-2020	Part-1 works delayed by 9.5 months for completing additional works at Vill-Gursarai and Sultanpura;
Actual Completion Date	31-10-2020	31-10-2025	

Part-1 works are completed on 31st October 2020 and Part-2 O&M works commenced on 01st November 2020. Contractors DLP responsibility will over on 31st October 2021 and routine maintenance of completed roads will be continued till 31st October 2025.

**. On successful completion of DLP on 31st December 2021, the Defect Liability Certificate issued to the Contractor.

17.2 Salient Features of Contract

Salient Features of the Contract are enclosed as Annexure-A- Contract Data

The works were executed under FIDIC (5th Edition) Conditions of Contract. The work involves improvement of State Highways including geometric improvements and realignments to standard 2-lane carriageway with Paved Shoulders and verges,

Consultant Mobilization: All AE Staff demobilized since 31st December 2020.

17.3 AE Staff Mobilization and Supervision Arrangement during Maintenance Period

The Authority has confirmed that it is not necessary to mobilize Engineer staff at present during the maintenance period and the AE site staff at UPG-01 with the Team Leader office staff can cover and carry out the inspections and instruct the Contractor for any remedial works.

17.3.1.1 Base Camp Establishment during Maintenance Period

Contractor for O&M activities has relocated his office in village-Gursrai in rented house in May-21. The O&M activities are being operating from new office.

Base Camp Office Address:
 M/S NKC Projects Pvt. Ltd.
 Plot No. 218, Village- Nehar Kothi Gursarai, Moth Road
 Tehsil- Tehrauli, Dist.- Jhansi (UP)- 284202
 Mob no- 9696991471 (Mr. Sameer Ranjan Moharana)

17.3.1.2 List of Contractor Staff Mobilized for Maintenance Period

Sl.	Name	Designation	Remarks
1	Mr. Sachinder Singh	Project-Head from HO	Available
2	Mr. Sachin Gautam	Project- Incharge	Available
3	Mr. Kuldeep Singh	Highway Supervisor	Available
4	Mr. Samir Mohana	Highway Foreman	Available

17.3.1.3 List of Equipment Mobilized for Maintenance Period

List of Machinery and Equipment which to be available for O&M period is enclosed Refer **Annexure-B**

17.3.2 Interim Payment Certificate

Contractor Submitted the IPA-24 as a Statement for Completion of works on 15-01-2021. IPC-24 was submitted with the approved As Built Drawings and supporting documents.

The IPC-24 was reviewed and certified by the Engineer on 29-01-2021, but the Rebate Excise Exemption claim for HSD which was claimed by Contractor was rejected in accordance with the contract agreement.

Correspondence During O&M Period

RE, UPG/01 visits the project site of Garautha-Chirgaon Road on regular intervals and informs the Contractor for major responsibilities during the DLP/maintenance period of 5 years and notifies his observations (along with photographs) for immediate rectifications in writing with photos.

17.3.3 Materials

Procurement of materials for Maintenance Activities is being carried as per necessity at site.

18 Work Progress

18.1.1 Design and Drawings

As Built Drawings Approved and required copies have been issued to the Client and Engineer.

18.1.2 Maintenance Work Programme

The Contractor's Monthly Maintenance Program as per Clause A-1.4 is awaited. Warning letter given to the contractor.

18.1.3 Financial Progress

NIL

Contractor has to submit the Payment Certificate Monthly and payment shall be made by the Authority on Monthly basis.

18.1.4 Maintenance Payment Certificate

NIL

The Contractor has been instructed to submit a Monthly Payment Certificate along with the Monthly Maintenance Program & Activities to be monitored during O&M phase.

18.1.5 Physical Progress

The physical progress of Maintenance Activities is being monitored, Refer **Annexure-C**. Further Progress details may be found in **Annexure-D**, Logistic Plan

18.1.6 Quality Control/Quality Assurance

Field Laboratory Demobilized in June 2020. However all materials used for permanent maintenance works are checked by AE for source approvals.

18.1.7 Meetings & Site Inspections

- Regular Site Visits are being conducted from AE and send Inspection reports with observations are being issued to the Contractor in order to conformity of Safe use of Project Highway.
- Team Leader visited the site on 11.02.2022 and instructed the contractor to complete the routine maintenance works in conformity to the Contract Provisions

18.1.8 Key Issues

- The Contractor submit the maintenance Program as per the Contract Agreement on Montly basis in time.
- Monthly Maintenance Statement is awaited from Contractor as per clause 42.7 of Special Conditions of Contract.
- At Ch. 139+600 the Jal Nigam Department is constructing a Bridge/box culvert for irrigation canal crossing by demolishing the newly constructed road. This has been intimated to the Authority and also to the Concerned Department of UP Gov. for further necessary action. Excavation depth by External Agency upto 15m which causes disturbance to the adjacent section of Project Highway. To date the RCC walls of Bridge/Box culvert have been cast and rebar fixing in progress for the roof slab.
- Shallow Depression has been developed at 152+300, 139+150 rectification of the depressions has been completed by the Contractor.

- The external agency for water pipeline is removing the pipe laid within ROW and relaying at edge of ROW therefore trench to be compacted after removal of the pipe by the external agency to prevent any future damage to the road.
- Contractor was instructed to rectify the speed calmers slope gradients to be increased and road marking and replace the missing road studs.

18.1.9 Weather

Weather report for the reported period is shown in **Annexure-E**.

19 CONTRACT PACKAGE UPG-01

19.1 Introduction

Contract Package UPG-01, Engineering, Procurement and Construction Contract for up-gradation and Maintenance of Hamirpur to Rath Section of SH-42 from design Ch.2.065 to Ch.74.850 for total length 72.785 Km in the State of Uttar Pradesh, has been awarded to M/s GHV (India) Pvt. Ltd., through International Competitive Bidding (ICB) norms for the Up-gradation and development. The Contract Agreement No.115/UPCRNDP/ UPG/01/2019-20 was signed on 19th June 2019 and the EPC Contract Amount is of INR Rs. 262,39,50,000/.

This **Monthly Inspection Report No. 06** covers the Month of February 2021 and summarizes the activities up to end of this month.

Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Appointed Date (as per Contract)	Scheduled Completion Date (as per Contract)	O&M Period/ DLP Period/ Commencement Date
UPCRNDP/UPG/ 01/2018 Hamirpur - Rath Road (SH-42)	72.785*	24 Months	19 th June 2019	25 th June 2019	23 rd June 2021	5 Years /12 th July 2021

*Revised Length for Maintenance is 72.071 Km as 714 m length (KM 63+026 to KM 63+740) de-scoped by UPPWD at interchange of Bundelkhand Expressway.

The commencement of Maintenance has been started on 13th July 2021 and this report covers all the Maintenance activities of the Project Site.

The project work includes the Up-gradation (Widening/Strengthening) of existing carriageway as per contract specifications under EPC contract and the completed road works required. The maintenance period of 5 years including Defect Liability Period after issuance of projects' Provisional Completion Certificate (PCC).

19.2 Milestones

The completion of EPC works has been divided in 4 Milestones which are as follow;

Part-1 Mile Stone	Physical Works to be Completed as per Schedule - J	Period and Date of Completion			Status as on date
		Period in Days	Start Date	Scheduled End Date	
M-1	Stage Payments Statements for an amount not less than 10% of the Contract Price.	150	25/06/19	21/11/2019	Achieved on 17 th December 2019, Within the 30 days Cure period allowed in CA
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	25/06/19	19/05/2020	Could not be Achieved on Scheduled date due to" Force Majeure Event Pandemic Covid-19 "However, achieved on 11-06-20 within the Cure period allowed in the Contract
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	25/06/19	15/11/2020	Achieved on 29 th November 2020 within the Cure period allowed in the Contract as Force Majeure Event-Pandemic effects .

M-4	Scheduled Completion of Project in all respect.	730	25/06/19	23/06/2021	Achieved on 12 th August 2021, Completion Certificate issued within the extended Contract Agreement. Provisional Completion Certificate issued on 12 th July 2021 as per the Contract Agreement.
-----	---	-----	----------	------------	---

Note: Extension of Time (EOT) Seventy One Days approved up to 2nd September 2021 (from 23.06.2021) vide letter No. 1503/1C (I)-WBPC/2020 Dated – 22.12.2020

19.3 Description of Works

The Project works under EPC agreement involves two phases to execute the assigned activities.

Maintenance & DLP involves protection, repair and maintenance of constructed road for 60 months from the date of Provisional Completion Certificate.

19.4 Consultant Mobilization

The project is being executed and managed within the Contract Management Framework (CMF) as described in the Contract Agreement.

19.5 Staff Mobilization

Limited Staff from Resident Engineer's office is supervising the O&M activities for both UPG-01 (Hamirpur-Rath) and UPG-02 (Garautha-Chirgaon).

Resident Engineer Office, Contract Package-01 (Hamirpur-Rath)			
Sl. No.	Position	Name	Date of Joining
Technical Staff			
1	Resident Engineer	Mr. Jawahar Singh	01.10.2019
2	Assistant Highway Engineer-2	Mr. Ravish Kumar	03.08.2019
Administrative Support Staff			
5	Office Manager Cum Accountant	Mr. Siddhartha Shukla	16.12.2019
6	Computer Operator/Office Assistant	Mr. Hemant Ahirwar	24.06.2021
7	Office Assistant	-	
8	Watchman	Mr. Prasant Soni	01.08.2019

19.6 Construction Activities: Focuses on O&M Works

19.6.1 Mobilization of Contractor

19.6.1.1 Base Camp Establishment

Contractor has shifted his Base Camp establishment for the O&M Phase of activities from Ch.57+000 LHS, Village-Bihuni to Ch. 52+800 LHS, Village-Muskara.

Base Camp Office Address:

GHV (INDIA) PVT.LTD,
Kissan Bandhu Campus,
Ch. 52+800 LHS Muskara,
Hamirpur – 210506
PH No. 7060099481

19.6.1.2 Human Resources

Contractor has mobilized Key Staff as given below;

Sl. No.	Designation	Name
1	Project head from HO	Mr. Imran Siddhiqui
2	Project Incharge	Mr. Anurag
3	Highway Supervisor	Mr. Vicky
4	Highway Supervisor	Mr. Pankaj

19.6.1.3 Equipment and Machinery

List of Key Plant and Equipment which to be available for O&M period is enclosed Refer **Annexure-B**

19.6.1.4 Material

Procurement of material for Maintenance Activities is in progress as per necessity at site.

19.7 Work Progress

19.7.1 Design and Drawings

Contractor has submitted the “As Built Drawings” and AE has reviewed and informed Contractor to incorporate AE comments and resubmit ASAP.

19.7.2 Maintenance Work Programme

The Contractor has to submit the Maintenance Program for the current month as per Article 14.3 of Contract Agreement.

Completion Certificate: Authority Engineer issued Completion Certificate to Contractor on vide letter no Egis India/HO/UPCRNDP/72578/2021 with effect from 12th August 2021.

Provisional Completion Certificate: Authority Engineer issued Provisional Completion Certificate to Contractor vide Letter No- Egis India/HO/UPCRNDP/71132/2021 dated 13th July 2021 with effect from 12th July 2021.

19.7.3 Financial Progress

Contractor has to submit the Payment Certificate Monthly and Payment shall be made by the Authority on Quarterly basis.

19.7.4 Maintenance Payment Certificate

The Contractor has been instructed to submit a Monthly Payment Certificate along with the Monthly Maintenance Program & Activities to be monitored during O&M phase.

19.7.5 Physical Progress

Physical Progress of Maintenance Activities is being monitored Refer **Annexure-C**, further progress details found in **Annexure –D**, Logistic Plan for O&M Phase.

19.8 Quality Control / Quality Assurance

Field laboratory demobilized in June-2021 any testing during the DLP to be carried out by Approved Independent Labs.

19.9 Meetings & Site Inspections

- Regular Site Visits are being conducted from AE's end and Inspection reports with observations are being issued to the Contractor in accordance to the conformity of Safe use of Project Highway.
- Team Leader visited the site on 11.02.2022 and instructed the contractor to complete the routine maintenance works in conformity to the Contract Provisions.
- Environment Expert visited the site on 10.02.2022 to 12.02.2022 and instructed the contractor to replace all dead plants with tree guards and maintained vigilantly.
- Safety expert visited the site on 11.02.2022 and instructed the contractor to cleaning of carriageway and shoulders in built-up areas and at other locations must be carried out on regular basis.

19.10 Key Issues

General Site Related Issues:

- Instructed to the Contractor to work under SOP guidelines with all safety protocols.
- Instructed to the Contractor to deploy adequate man power & machinery for Maintenance activities of the Project.
- Local residents dumped building material on road side and footpath, instructed contractor to inform Police/Client/PMC immediately.
- Contractor submitted the As-Built Drawings; incorporating all the comments and hence the final 2 copies on Polyester Paper A2 size to be submitted as per Contract provisions.
- External Agency have excavated the earthen drain at 68+500 (at an approx. of length 50m) which causes several damages to the existing embankment, soft shoulder and many trees are also dead due to the heavy machinery.
- Contractor was instructed to rectify the speed calmers slope gradients to be increased and road marking and replace the missing road studs.

19.11 Project Completion /Operation and Maintenance Period

Rev.01 O&M Manual received vide letter ref. GHV/Site/SH-42/Rath/829 Dated 03rd June 2021 has been reviewed and approved by the PMC/AE vide letter ref. Egis India/LKO/UPCRNDP/2021/1324 dated 15th June 2021.

19.12 Weather

Weather Report for the reported period is shown in **Annexure-E**.

20 CONTRACT PACKAGE UPG-03

20.1 Introduction

Contract Package **UPG-03**, Engineering, Procurement and Construction Contract for Up-gradation (Widening/Strengthening) of Gola -Shahjahanpur Section of SH-93 from design Ch. 1+280 to Ch. 58+580, has been awarded to **M/s APCO Infratech Pvt. Ltd.**, Gurgaon, for a Contract Amount of **INR 356,90,00,000.00**.

The Contract Agreement No.116/UPCRNDP/CEEAP/2019-20 were signed on 26.06.2019 and appointed date is 11.11.2019.

Sl. No	Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Commencement Date (as per Contract)	Scheduled Completion Date (as per Contract)
1.	UPCRNDP/UPG/03/2014 Gola-Shahjahanpur Road (SH-93)	57.535*	24 Months	26 th June 2019	11 th November 2019	09 th November 2021

* Revised Length for Maintenance is Km 56.388 as 1.147 Km length has been de-scoped by UPPWD.

The Cumulative Physical Progress achieved 93.09% up to 28th February, 2022 and Financial Progress is 90.16% up to 15th February, 2022.

The Project work includes the Up-gradation (Widening/Strengthening) of existing Carriageway, that is 2 lanes with paved shoulder in the stretch from Design Chainage (1+280) to (59+380), and maintenance and Defect Liability Period (DLP) for 5 years.

20.2 Milestones

The Completion of EPC Works has been divided in Four Milestones are as follows:

Milestone	Physical Works to be Completed as per Schedule-J	Period and Date of Completion			Status as on date
		Period in Days	Start Date	Scheduled End Date	
M-1	Stage Payments Statements for an amount not less than 10% of the Contract Price.	150	11/11/2019	08/04/2020	Achieved on 20 th March 2019
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	11/11/2019	05/10/2020	Achieved on 4 th November 2020 within the 30 days, Cure period allowed in the Contract
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	11/11/2019	03/04/2021-13/06/2021	Achieved on 12 th June 2021
M-4	Scheduled Completion of Project in all respect.	730	11/11/2019	09/11/2021-15/03/2022	Under Progress as 2 nd IEOT in process.

20.3 Salient Features

Salient Features of the Contract are enclosed as Annexure-A- Contract Data.

20.4 Description of Works

The works are being executed under EPC agreement. The work involves improvement of SH-93 including geometric improvements and realignments to standard 2- lane carriageway with Paved Shoulders, as Typical Cross Section (TCS) of Contract.

20.4.1 Typical Cross Section

Application of Typical Road Cross Sections							
Cross Section Type	Application	Length (Km)	Width (m)				
			Carriageway	Paved Shoulder	Earthen Shoulder	Footpath cum Drain	Paver Block
TCS-1 A	Reconstruction + Widening in Rural Section	26.897	7	1.5	1	0	0
TCS-1 B	New Construction + Widening in Rural Section	2.960	7	1.5	1	0	0
TCS-1 C	Strengthening with B.C. + Widening in Rural Section	20.287	7	1.5	1	0	0
TCS-2A	Reconstruction + Widening in Urban Section	6.103	7	1.5	0	1.5	Varies
TCS-2B	Strengthening with B.C. + Widening in Urban Section	0.945	7	1.5	0	1.5	Varies
TCS-3	Strengthening with B.C. + Widening in Urban Section/Semi Urban Section	0.343	14	0	0	1.5	0
Total Project Length (Km)		57.535					

20.5 Consultant Mobilization

The project is being executed and managed within the Contract Management Framework (CMF) as described in the Contract Agreement.

20.6 Staff Mobilization

Mobilization of Resident Engineer's Office Staff for the Construction Supervision is below:

Resident Engineer Office, Contract Package-03 Gola – Shahjahanpur			
SN.	Position	Name	Date of Joining
Technical Staff			
1	Resident Engineer	Mr. Anjani Kumar	03.05.2019
2	Assistant Bridge Engineer	Mr. Rajesh Kr. Singh	02.01.2021
3	Assistant Highway Engineer-1	-	
4	Assistant Highway Engineer-2	Mr. Ram Pratap Singh	20.01.2020
5	Assistant Material Cum Quality Engineer-1	-	
6	Assistant Quantity Surveyor	Mr. Chandra Prakash Tiwari	12.08.2021

Resident Engineer Office, Contract Package-03 Gola – Shahjahanpur			
SN.	Position	Name	Date of Joining
7	Assistant Surveyor Engineer	Mr.Gyanendra Singh	15.05.2019
8	Junior Construction Safety Expert	Mr.Vinay Kumar Tiwari	03.10.2019
9	Technician Filed-1	Mr.Satpal Singh	02.01.2021
10	Lab Technician-1	Mr.Ranjan Kumar Singh	01.08.2019
11	Junior Environmentalist	-	-
Administrative Support Staff			
12	Office Manager	Mr. Manish Kumar Dixit	13.05.2019
13	Computer Operator	Mr.Satya Prakash Dwivedi	11.12.2019
14	Office Assistant	Mr.Sumit Pal	07.08.2019
15	Watchman	Mr. Sachin Shukla	26.08.2019

20.7 Construction Activities

20.7.1 Site Possession and Utilities

Project Length has been handed over to the Contractor by the Authority vide letter 2044/EAP/WB/UPG-03/2018 Dated 11th November 2019 for commencement of work.

20.7.2 Mobilization of Contractor

20.7.2.1 Base Camp Establishment

Contractor has established the Base Camp Office at Ch.39+600 LHS, Village-Kheriyajat Lakhanpur including Central Laboratory, Construction Plants, Mechanical Work Shop and Workers Accommodation.

Base Camp Office Address:
 M/S APCO Infratech Pvt. Ltd.
 KM Stone -39, Sh-93, Village Kheriyajat Lakhanpur,
 Post-Gorkan, Tehsil-Mohammadi,
 Dist.-Lakhimpur Kheri

20.7.2.2 Human Resources

Contractor has mobilized Key Staff listed in table below;

Sl.	Designation	Name	Date of Joining
1	Project Manager	Mr. Arabind Kumar Singh	01.02.2021
2	Highway Engineer	Mr. Nirmal Singha	16.03.2020
3	Material Engineer	Mr. Lokeswar Rao Killamsetty	02.05.2019
4	Quantity Surveyor	Mr. Pawan Kumar	10.08.2020
5	Land Surveyor	Mr. Narendra Yadav	20.04.2019
6	Mechanical Equipment Maintenance Engineer	Mr. Ravi Shankar Patnaik	20.07.2020
7	Bridge Engineer	Mr. Bulbul Prashad Yadav	02.05.2019
8	ESHS Officer	Mr. Ashok Kumar	18.06.2020

20.7.2.3 Plant and Machinery

Contractor has established following Construction Plants at Base Camp location Ch. 39+600 (LHS).

Sl. No.	Plant Mobilized	No.	Location	Make & Capacity
1	Concrete Mix Batching Plants	01	Ch.39+600LHS	30 Cum/Hr.
2	Wet Mix Plant	01	Ch.39+600 LHS	160 TPH

3	Hot Mix Plant	01	Ch.39+600 LHS	200 TPH
4	Crushers	-	Not Established	

List of Key Plant and equipment is enclosed, **Refer Annexure-B- Plant & Machinery Details.**

20.7.2.4 Material

Contractor is procuring materials like Cement, Steel and Bitumen etc. from approved sources and aggregates from licensed private crushers. The List of material requirement and procured quantity is enclosed as **Annexure-C Material Procurement Statement.**

20.8 Work Progress

20.8.1 Structure Drawing Design Status

The List of drawings received and approved is enclosed as **Annexure-D Drawings Approval.**

20.8.2 Work Programme and EOT

- Contractor's Revised Work Program Rev-05 w.r.t grant of 71 days EOT is received vide letter no. APCO/WB- UPPWD/EGIS/ST/484 Dated 20.04.2021. The same has been accepted by the Resident Engineer to monitoring their construction activities, vide Letter No. Egis India/RE UPG-03/UPCRNDP/419/2021 Dated 20.04.2021.
- Contractor applied for Interim Extension of Time (IEOT-1) for 162 days due to COVID-19 Force Majeure Event vide APCO Letter No. APCO/WB-UPPWD/EGIS/ ST/267 Dated 20th July 2020. Authority Engineer evaluated and recommended IEOT for 71 days vide our letter No. Egis India/HO/UPCRNDP/65080/2020 Dated 09.12.2020. Client approved IEOT -1 for 71 days vide letter no. 171/EAP /WB/UPG-04/2018 dated 16.01.2021 and the same was informed to contractor vide TL office letter no. Egis-India/LKO/UPCRNDP/2021/1190 Dated 08.02.2021.
- Contractor applied for Comprehensive Interim Application for Extension of Time (IEOT-2) vide APCO Letter No. APCO/WB-UPPWD/EGIS/ST/573 Dated 27th August, 2021. Authority Engineer communicated to the contractor vide letter no. Egis-India/HO/UPCRNDP/UPG-03/74808/2021 Dated 11.10.2021.
- Contractor applied for Relief/Relaxation in Schedule-H in view of prevailing situation due to COVID-19 second wave as per MORT&H notification vide letter no. APCO/WB-UPPWD/EGIS/ST/641 Dated 11.11.2021 and the same was recommended to Authority after review vide letter no. Egis India/HO/UPCRNDP/76606/2021 Dated 24.11.2021
- Contractor again applied for Interim Extension of Time (IEOT-2) vide letter no. APCO/WB-UPPWD/EGIS/ST/643 Dated 13th November, 2021 to the team leader. After review the same, Authority Engineer Recommended EOT-2 of 55 days to Client vide letter no. Egis India/HO/UPCRNDP/76935/2021 Dated 2nd Dec'21 to grant further extension of 55 days i.e. to complete the project by 15-03-2022.

20.8.3 Financial Progress:

UPG/03 Gola-Shahjahanpur SH-93	Up to End of Previous Month w.r.t WP-Rev.05		This Month		Cumulative up to Date	
	Target	Achieved	Target	Achieved	Target	Achieved
Amount (in Cr.)	356.90	300.34	-	21.45	356.90	321.79
In % age	100%	84.15%	-	6.01%	100%	90.16%

20.8.4 Stage Payment Statement (Interim Payment Certificate)

The Contractor has submitted IPC- 15 for the month of February - 2022 for AE's review & process.

IPC No.	IPC for the month of	Send by the Engineer	Payment Date	Gross Amount w.r.t. Contract (INR)	Gross Amount including P.A (INR)	Net Amount (INR)	Remarks
IPC-1	Mobilization	3.12.19	11.12.19	35,69,00,000	35,69,00,000	34,97,62,000	Mobilization
IPC-2	Up to March-2020	20.03.20	30.03.20	36,08,47,913	36,81,38,192	32,76,42,990	Work done
IPC-3	Up To 30 th June 2020	16.07.20	09.07.20	20,86,49,854	24,85,68,803	22,12,26,235	With Release withheld amount
IPC-4	Up To 31 st August 2020	08.09.20	23-09-20	32,44,37,745	32,44,37,745	28,87,49,593	Work Done
IPC-5	Up To 30 th September 2020	13.10.20	27-11-20	17,64,31,181	17,64,31,181	7,14,73,543	Recovery of Mobilization Advanced 1St Installment (8,00,00,000)
IPC-6	Up To 04 th November 2020	20.11.20	21-11-20	18,32,45,895	17,27,55,501	44,79,718	Recovery of Mobilization Advanced 2nd Installment (15,00,00,000)
IPC-7	Up To 07 th December 2020	08.12.20	21-12-20	14,53,89,061	14,53,89,061	4,28,162	Mobilization Advance Recovered
IPC-8	Up to 3 rd February 2021	08.02.21	15-2-21 & 6-3-21	14,98,46,799	14,98,46,799	19,35,81,805	Release Retention Money Up to IPC 07 Amount (6,40,54,938)
IPC-9	Up To 3 rd March 2021	08.03.21	18-03-21	25,86,59,732	25,86,59,732	22,56,82,998	Work Done
IPC-10	Up To 22 nd March 2021	24.03.21	26-03-21	31,77,23,325	31,77,23,325	27,45,21,107	Work Done
IPC-11	Up To 12 th June 2021	21.06.21	06-07-21	37,33,50,821	42,85,09,567	34,81,78,195	Work Done
IPC-12	Up To 7 th August 2021	18.08.21	-	12,81,54,856	12,81,54,856	12,56,62,421	Work Done
IPC-13	Up To 3 rd January 2022	07.01.22	20.01.22	10,44,38,441	10,44,38,441	9,25,32,988	Work Done
IPC-14	Up To 27 th January 2022	01.02.22	-	27,22,70,468	27,22,70,468	23,82,58,757	Work Done
IPC-15	Up To 15 th	21.02.22	-	21,45,14,656	21,45,14,656	20,18,36,554	Work Done

	February 2022						
--	------------------	--	--	--	--	--	--

20.8.5 Physical Progress

A. Road Works: Progress of road works during the month:

Highway Physical Progress in Linear Length										
Sl.N	Description	Unit	Scope	Revised Scope	Work Done up to previous Month	Progress During the Month			Work Done up to Date	Progress w.r.t Scope Work
						Length Achieved				
					Average	LHS	RHS	Average	Average	In %
1	Subgrade Top	Km	57.535	56.388	55.718	0.216	0.171	0.194	55.912	99.15
2	GSB	Km	57.535	56.388	56.688	0.206	0.191	0.199	55.881	99.11
3	WMM Top	Km	57.535	56.388	55.200	0.787	0.351	0.569	55.769	98.90
4	DBM Top	Km	57.535	56.388	55.075	0.892	0.239	0.566	55.641	98.67
5	BC	Km	57.535	56.388	52.965	1.110	1.040	1.075	54.040	95.84
6	Shoulder	Km	57.535	56.388	35.232	5.120	9.255	7.188	42.420	75.23

B. Structure Works: Progress of Structure Works during the month

Physical Progress of Structure Works Up to the Month of February-2022							
Package – UPG-03 (Gola-Shahjahanpur Road Project)							
Sl. No.	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion
1	Major Bridges (Reconstruction)	1	0	0	1	0	75%
2	Minor Bridges (Reconstruction)	4	3	4	0	0	93%
3	Wild Animal Under Pass	3	3	3	0	0	100%
4	Box Culverts (Reconstruction)	18	18	18	0	0	100%
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%
6	Minor Bridge (Widening +Rep.)	3	3	3	0	0	100%
7	Culverts (Widening +Rep.)	32	32	32	0	0	100%
8	Repair of Structures	15	15	15	0	0	100%
	Total	93	91	92	1	0	

20.8.6 Additional Details

Further progress details may be found in:

Annexure - E, Chainage Wise & Physical Progress Details of Highway

Annexure – F, Bar Chart of Physical Progress of Highway

Annexure - G, Progress Strip Chart of Structure Bridges, HPC, Box and Slab Culvert

Annexure - H, Cross Road Culverts (Drain)

Annexure -I, S-Curve – Financial and Physical Progress

Annexure- J, Logistic Plan

20.9 Quality Control / Quality Assurance

Field laboratory established at Base Camp Site. Details of Quality Control Tests and Source Approvals carried out are presented in **Annexure - K**, and Site Instruction / NCR (if any) issued during the month is presented in **Annexure – L**.

20.10 Meetings & Site Inspections

- Progress Review & Maintenance Meeting chaired by CE, UPPWD held with contractor on 08th February, 2022 at UPPWD.
- Safety Audit carried out by Mr. Bhushan Kumar Merigala, Road Safety Engineer (EGIS) on 09th February, 2022.
- Site Visit carried out by Mr. Rajeev Ranjan Verma, Sr. Bridge Engineer (EGIS), from 9th February, 2022 to 12th February, 2022 to witness the load test of Minor Bridges at Km.43+682 and Km.46+989.
- Site Visit carried out by Mr. Sarwan Singh Saini, Deputy Team Leader (EGIS) on 15.02.2022 to check the status of progress.
- Site Visit carried out by Mr. Devbrat Singh, Sr. Environment Specialist (EGIS) from 15th February, 2022 to 19th February, 2022.

20.11 Key and Potential Issues

- All COSs including three Wild animals under Passes in Reserve Forest area after verification submitted to Authority for approval. The NET cost considering the positive & negative COSs is estimated to be savings of Approximately INRs 25 Lacks. World Bank approval awaited.
- Contractor has been advised to obtain DC's permission ASAP for all recently identified Borrow Areas before operation.
- The revised project length is 56.388 km after reduction of 1.147 km from the design length of 57.535 km.
- The Second IEOT recommended by the AE to be confirmed by the World Bank in order to officially inform the contractor.
- The approach sections of the highway to the Major Bridge and Minor Bridges were expedited and expected to complete the main carriageway within the extended period by 15th March 2022.
- All additional safety requirements as advised by the AE must be completed with urgency.
- Fixing of Bus Shelters, Truck laybys, foot path with railings on Major bridge to be expedited.
- Stone Pitching at the structures quadrants and Bridge abutments to be speeded up with additional resources to complete within the extended Contract period.

20.12 Weather Report

Weather report for the reported period is shown in **Annexure-M**

21 CONTRACT PACKAGE UPG-04

21.1 Introduction

Contract Package **UPG-04**, Engineering, Procurement and Construction Contract for Up-gradation (Widening/Strengthening) of Badaun-Bilsi-Bijnaour Section of SH-51 from Km.58+400 to Km.137+820, has been awarded to **M/s GAWAR Construction Ltd., Gurugram** through ICB Bidding norms for up-gradation and development. The Contract Agreement No.117/UPCRNDP/CEEAP/2019-20 were signed on 5th July 2019 and the EPC Contract Price is **INR 334,00,00,080.00**.

This **Monthly Inspection Report No. 01** covers the Month of February - 2022 and summarizes the activities up-to end of this month.

Sl. No	Contract Package	Length (Km)	Completion Period (As per Contract)	Contract Agreement Date	Commencement Date (As per Contract)	O&M Period/DLP Period/Commencement Date
1.	ICB No. UPCRNDP/UPG/04/2018 Badaun-Bilsi-Bijnaour Road (SH-51)	79.125	730 days	5 th July 2019	4 th November 2019	5 Years/ 10 th January 2022

The Cumulative Physical Progress achieved is 100% as on 31st January 2022 and Financial Progress is 99.60% up to January 2022.

The Completion Certificate was issued by the Authority Engineer dated 10th January 2022 vide letter No-Egis India/HO/UPCRNDP/UPG-04/78908/2022 Dated 28.01.2022.

The Project work includes the Up-gradation (Widening/Strengthening) of existing carriageway maintenance and Defect Liability Period (DLP) for 5 years.

21.2 Milestones

The completion of EPC works has been divided in 4 milestones;

Part-1 Mile Stone	Physical Works to be Completed as per Schedule-J	Period and Date of Completion			Status as on Date
		Period in Days	Start Date	Scheduled End Date	
M-1	Stage Payments Statements for an amount not less than 10% of the Contract Price.	150	04/11/2019	01/04/2020	Milestone-I achieved on 02.06.2020. within Cure period allowed in the Contract. Delayed due to lockdowns imposed due to pandemic Covid-19.
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	04/11/2019	28/09/2020	Achieved on Date 28 th September 2020

M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	04/11/2019	27/03/2021	Achieved on 21 st March 2021
M-4	Scheduled Completion of Project in all respect.	730	04/11/2019	10/01/2022 with EOT	Achieved on 10-01-2022

21.3 Salient Features

Salient Features of the Contract are enclosed as **Annexure-A- Contract Data**.

21.4 Description of Works

The Project works under EPC agreement which involves two phase to execute the assigned activities. Civil Work was assigned for Up-gradation and Strengthening the project road length of SH-51 in 24 months of period from the date of appointment. Contractor has achieved and completed the entire project works in designated four Milestones.

Maintenance & DLP involves protection, repair and maintenance of constructed road for 60 months which commenced from the date of issue of provisional Completion Certificate.

21.5 Mobilization of Consultant

The project is being executed and managed within the Contract Management Framework (CMF) as described in the PMC Contract Agreement.

21.6 Staff Mobilisation

Mobilization of Resident Engineer's Office Staff for the Construction Supervision is below:

Resident Engineer Office, Contract Package-04 Badaun-Bilsa-Bijnaour				
S.No.	Position	Name	Date of Joining	Status
Technical Staff				
1	Resident Engineer	Mr. Deepak Kumar	08.11.2019	Demobilized on 04.02.2022
2	Assistant Highway Engineer-1	Mr.Pramod Kumar Singh	02.08.2019	Joined the Egis India Maintenance Team from 10 th Jan 2022

21.3 Construction Activities

21.3.1 Mobilization of Contractor

21.3.1.1 Base Camp Establishment

Contractor has started demobilization of the Base Camp Office which was established for Construction Phase at Ch.102+200 LHS, Village-Dehpa i.e., Construction plants and Workers Accommodation.

Base Camp office Address for Civil works: Demobilized and Closed in February-2022	New Base Camp Office Address for Monitoring O&M Works:
GAWAR Construction Ltd. Village-Dehpa, P.O – Dehpa, Teh & Dist-Sambhal (U.P) - 244302	GAWAR Construction Ltd C/o Md Navi, Village- Fatehpurdev, P.O-Dehpa, Teh & Dist-Sambhal (U.P)-244302 Ph. No. 63961-77256

21.3.1.2 Human Resources

The Contractor mobilised key staff is listed in table below;

Sl.	Designation	Name	Remarks
1	Sr. Project Manager	Mr. Vivek Sharma	Available
2	Admin Manager	Mr. Naresh kumar	Available
3	Highway Supervisor	Mr. Raghvendra Sharma	Available
4	Highway Supervisor	Mr. Shashikant Sharma	Available

21.3.1.3 Equipment and Machinery during Maintenance

List of Key Plant and equipment's which are available for O&M Period is enclosed, **Refer Annexure-B-Equipment & Machinery** Details.

21.3.1.4 Material

Procurement of materials for Maintenance Activities has been done as per O&M works completed during the month.

21.4 Work Progress

21.4.1 Design and Drawings

The List of AS BUILT DRAWINGS received and approved, Contractor instructed to provide 2 copies in A2 size on Polyester Paper for **Approval as required by the Contract Agreement**.

21.4.2 Financial Progress

Contractor to submit the Final Payment Statement as per the Contract Agreement.

21.4.3 Maintenance Payment Certificate

The contractor has been instructed to submit the initial Monthly Maintenance Statement along with the Monthly Maintenance Program & requisite documents for the activities carried out during O&M phase in order to certify the Maintenance Payment Certificate.

21.4.4 Physical Progress

Physical Progress of Maintenance Activities is being monitored Refer **Annexure-C** , further progress details found in **Annexure-D**, Logistic Plan for O&M Phase.

21.4.5 Quality Control / Quality Assurance

Field laboratory demobilized in January 2022 any testing during the DLP to be carried out by Approved Independent Labs.

21.5 Meetings & Site Inspections

- Regular Site Visits are being conducted from AE's end and Inspection reports with observations are being issued to the Contractor in accordance to the conformity of safe use of project highway.
- Site Visit of World Bank Moradabad Assistant Engineer Mrs. Princy Tyagi on 07.02.2022
- Site Visit of World Bank Moradabad Assistant Engineer Mr. Pramod Kumar Singh Rana on 10.02.2022.

21.6 Key Issues

- 13 Nos. Bus Shelters and 02 Nos. Toilet Blocks at Truck Laybye to be relocated as residents objecting to the location shown on the approved drawings. The Contactor to propose alternative suitable loactions.
- During O&M Work: Additional flagmen to be provided at work zone/diversion on live carriageway and all safety items such as Barriers and signs to be maintained on daily basis.
- All Planted tree saplings to be watered regularly and replace those which have died.
- At Four locations the newly constructed road has been excavated by the Irrigation Department for constructing Bridge/Box culverts for the Irrigation canal crossings and poor diversions provided. To date the work is in progress at all locations and full reinstatement of highways is expected to be completed by end of March 2022 for 3 crossings and the fourth by end of May 2022.
- Contractor has submitted the Demobilisation Plan submitted and instructed him to reinstate the area as per plan.
- Contractor reminded to submit monthly maintenance programm.
- Contractor and AE have informed the Client and the concerned Municipality regarding the dumping of garbage on the shoulders of the newly completed highway and the UPPWD higher management will also be writing to stop dumping and remove all the garbage .

21.7 Weather

Weather Report for the reported period is shown in **Annexure-E**.

ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

22 ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

22.1 Introduction

This Environment-Social-Health-Safety Section of report of MPR is prepared for the all Four Civil Contract Packages of Phase-I roads. ESHS reporting is to ensure and appraise that the EMP implementation being carried out by the respective Contractors in accordance with their contract package requirements. It includes the EMP attributes monitored at Civil works Phase and O&M Phase of Contract packages.

To achieve the required environmental management standards, the Contractor of each project has been prepared the Environment and Social Management Plan (ESMP) which are approved by the Authority Engineer (AE)/ Construction Supervision Consultant (CSC) in accordance with the proposed mitigation measures recommended by the Project Management Consultant (PMC).

Phase-I Roads for development with Financial Assistance from the **World Bank**, International Bank for Reconstruction and Development (IBRD) is as below:

UPG-01 (Hamirpur-Rath)	SH-42	72.785km	262.39Cr	EPC Contract	O&M Phase
UPG-02 (Garautha-Chirgaon)	SH-42	49.145km	189.99Cr	Item Rate Contract	O&M Phase
UPG-03 (Gola-Shajahanpur)	SH-93	57.535km	356.90Cr	EPC Contract	In-Progress
UPG-04 (Badaun-Bilsi-Bijnour)	SH-51	79.125km	334.00Cr	EPC Contract	O&M Phase

22.2 ESHS Issues and Corrective Actions Taken

The ESHS issues of respective project sites has been monitored during the current month and presented in compiled environmental matrix:

22.2.1 Statutory Compliance

Status of permits for Construction Plants is depicted below in Table A:

Table A- UPPCB Clearance						
Package	Status of Permission HMP and CBMP Plants					
	HMP – CTO			CBMP – CTO		
	Capacity	Approval	Validity	Capacity	Approval	Validity
UPG-01	Project Completed – Plants are demobilized from Site					
UPG-02	Project Completed – Plants are demobilized from Site					
UPG-03	200TPH	15-01-20	31-12-21	60 Cum	15-01-20	31-12-22
UPG-04	Project Completed – Plants are demobilized from Site					
Package	Status of Permission WMM and CRUSHER Plants					
	WMM – CTO			CRUSHER – CTO		
	Capacity	Approval	Validity	Capacity	Approval	Validity
UPG-01	Project Completed – WMM Plant demobilized from Site;					
UPG-02	Project Completed – WMM Plant demobilized from Site;					
UPG-03	160TPH	15-01-20	31-12-21	NA	NA	NA
UPG-04	Project Completed – WMM Plant demobilized from Site					

Information in brief:

UPG-01- Construction Phase completed – No further requirement of plants for O&M Phase.

UPG-02- Construction Phase completed - No further requirement of plants for O&M Phase.

UPG-03 – CTO granted for all established plants; Validity renewed up to 31-12-2022

UPG-04 – Construction Phase completed - No further requirement of plants for O&M Phase.

22.2.2 Essential Project Insurances

Brief Status of essential Insurances is depicted below in Table-B.

Package	Table B -Status of Insurance Coverage					
	Employees Compensation (WC) Policy		Contractor's All Risk (CAR) Policy.		Public (3rd Party) liability Insurance	
	Insurer	Valid	Insurer	Valid	Insurer	Valid
UPG-01	IFFCO-TOKIO GENERAL INSURANCE CO.LTD	03-06-22	IFFCO-TOKIO GENERAL INSURANCE CO.LTD	11-07-26 Extended up to O&M Period	IFFCO-TOKIO GENERAL INSURANCE CO.LTD/32123941	11-07-26 Extended up to O&M Period
UPG-02	LIBERTY GENERAL INSURANCE LTD.	19-11-21 (Expired)	The New India Insurance Co. Ltd.	01-11-21 (Expired – DLP Over)	The New India Insurance Co. Ltd.	01-11-21 (Expired – DLP Over)
UPG-03	FUTURE GENERAL INDIA INSURANCE COMPANY LIMITED	03-04-22 (Renewed)	The New India Assurance Co. Ltd.	10-05-22 (Renewed) + 60 months O&M Period	The New India Assurance Co. Ltd.	10-05-22 (Renewed) + 60 months O&M Period
UPG-04	LIBERTY GENERAL INSURANCE LTD.	18-11-22 (Renewed)	ICICI Lombard General Insurance Company Ltd.	03-02-22 (Renewed) + 60 months O&M Period	ICICI Lombard General Insurance Company Ltd.	03-02-22 (Renewed) + 60 months O&M Period

Note: UPG-01 the schedule and term of Contractor's CAR Policy under sub-clause C006 the O&M Period is covered.

UPG-02 WC Policy is under renewal; as per CA the CAR Policy was maintained up to DLP which is completed on 31-12-2021.

UPG-03 Renewal/ Extended copy of WC Policy & CAR Policy including DLP period is received;

UPG-04 Renewal/ Extended Copy of WC Policy & CAR Policy including DLP period is Received;

22.2.3 Aggregate Procurement

The Contractors were procured the sized aggregate materials from Government's Approved sources with the payment of applicable Royalty. The payment of Royalty had been verified by the Client from concerned District Mining Department as per U.P. State Govt. Order No. 115(1)/86-2020 dated 15th January, 2020 to ensure the materials was procured from authentic source with applicable requisite compliances.

22.2.4 Borrow Areas

SEIAA Permit for Borrow Area Operation is exempted by the both MoEFCC Notification No. S.O.1224(E) dated 28th March, 2020 and State Govt. Order No.445/81-7-2020-39(Parya)/2014 T.C-1 dated 01-05-2020 for the Extraction or sourcing or borrowing of ordinary earth for the linear projects such as roads, pipelines etc. Brief status of Borrow Pits shown below:

Table-C: Summary of the selected Borrow Areas of the Contractors w.r.t EMAP.									
Contract Package	Total No. of Borrow Areas Identified	No. of Borrow Areas approved w.r.t. EMP	No. of Borrow Areas				Rehabilitated	Balance for Rehabilitation	DC's Permission for borrowed Qty.
			Exhausted	Ongoing	Yet to be started	Qty. still Balance for use			
UPG-01	36	33	33	0	0	0	33	NIL	33
UPG-02	47	38	38	0	0	0	38	NIL	38
UPG-03	45	38	35	2	1	0	30	5	36
UPG-04	45	36	31	0	0	0	30	0	30
Total	173	145	137	2	1	0	131	5	137

Note:

UPG-01,UPG-02 & UPG-04: Contractors has submitted the NOC for all the exhausted borrow pits.

UPG-03: Out of 45 BA; 38 approved; Exhausted 35;

22.2.5 Unresolved Issues:

UPG-03 Gola-Shajahanpur: Coal Unit established at base camp, NCR-9 issued to comply with CTO's conditions. **Not Resolved – since it is not removed from site (Idle at site) .**

Status of resolved Issues along with updated status are as below:

UPG-02 Compensatory Afforestation work to be taken-up by the Forest Dept..

UPG-03 Appropriate amount has been withheld, from respective IPC w.r.t work done by HMP, against the ESHS performance security for unsatisfactory closure of NCR-09.

22.2.5.1 ESHS Cell/ Staff:

All EPC contractors has mobilized ESHS Staff –**Issues resolved.**

Table D: ENVIRONMENT MANAGEMENT SYSTEM CELL					
ORGANISATION		UPG-01	UPG-02	UPG-03	UPG-04
(i)	Environment Cell (Employer)	MR. MUNNI LAL VERMA (Environment & Social Specialist - Executive Engineer; Mob.No.+91 9450577618) Dr. SEEMA SRIVASTAVA (Independent Consultant - Environment; Mob. No.+91 8887896070) Mr. P.N.ROY (Independent Consultant - Social; Mob. No.+91 9779117558)			
(ii)	Supervision Consultant (PMC/AE) at Team Leader Office	Mr. DEVBRAT SINGH (Environment Specialist - Mobilized on 13th April 2019; Mobile No.+91 9900034246; Mail ID: devbrat.s@egis-india.com)			

(iii)	Jr. Environment Specialist (AE) at Resident Engineer Office	Jr. Env. Spl.: Mr. Adish Jain Demobilized	Jr. Env. Spl. Mr. Karamveer Rana; (Demobilized)	Jr. Env. Spl.: Mrs Archana Gupta; Mob. No. +91 7838379982 (Resigned 01-02-2022)	Jr. Env. Spl.: Mr. Shiv Kumar Pipal; Demobilized
(iv)	Contractor's ESHS Officer:	Mr. Vishnu Prajapati; Demobilized	Mr. Vijay Singh Rajput; Demobilized	Mr. Ashok Kumar; Mob. 7081205007) Appointed as EHS Officer (From 18-06-2020).	Mr. Shashikant Sharma; Demobilized

NOTE: UPG-04 Project Completed – Completion certificate issued on 10-01-2022.

22.2.5.2 Tree/ Avenue Plantation

Tree plantation work is completed in all the EPC Contract Packages (except UPG-04) as the number of saplings prescribed in CA-Schedule-B sl.no.11. The Contractor has been advised for providing the Tree Guards in conformity of IRC-SP-21; The status of proposed compensatory plantation are as below:

Table-E: Tree/ Avenue Plantation Status (In Numbers)					
Package	No of Trees Cut	Trees as per CA	Length in Km	Completed	Balance
UPG-01	54436	16952	26.354	16952	0
UPG-02	2456	4912	Forest Dept.	300	4612
UPG-03	6219	10578	14.37	10578	0
UPG-04	11079	31334	21.793	18484	12850
TOTAL	74190	63776	62.517	46314	17462
UPG-01: 8476 Trees and 45960 saplings were cut; UPG-02: Plantation work taken-up by Forest Department approx-300 saplings planted; UPG-03: Plantation works completed; UPG-04: In 4-lane section 850m length proposed for Shrub Plantation; (Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021); Plantation between Ch.107+200 to 137+525 couldnot be completed due to garbage dumped within Project ROW by local Municipal/Village Authority; a meeting between PWD & Municipal/ Local Administrative Authority is scheduled after the Assembly election in March-2022 to resolve the issue.					

22.2.5.3 Rainwater Harvesting

RWH work is completed except UPG-03; the earthen Toe drain & ROW cleaning is required for use of RWH.

Table-F: Rain Water Harvesting Structures Status				
Package	RWH Progress Status (In Numbers)			
	Approved	Completed	In-progress	Balance
UPG-01 Hamirpur-Rath	121/42	42	0	0
UPG-02 Garautha-Chirgaon	25	25	0	0
UPG-03 Gola-Shahjahanpur	114/89	67	22	0
UPG-04 Badaun-Bilsa-Bijnour	122/112	112	0	0
Total	382/268	246	22	0
Note: UPG-01- Revised 42 RWH Structure are completed; UPG-03- 67 Completed (89 is revised Number); UPG-04 112 is revised number- Completed;				

22.2.5.4 Flyash

Package	Table-G: Status of Fly Ash utilization			
	Estimated Qty.		Contractor's Progress Status	
	Qty. (Cum)	Identified Nearest Source	Used Qty. (Cum)	Remarks
UPG-01	0	NA	NA	NA
UPG-02	19000	Panki-Kanpur Thermal Power Plant	17367	Closed - NO Further scope to use Fly Ash
UPG-03	24180	Reliance ROSA Thermal Power Plant	NA	NO Surplus Fly Ash available
UPG-04	12860	NTPC-Dadari; UPRVUNL-Harduaganj;	0	Proposed location for use of flyash is not required, As 2 proposed bridges on realignment is now being constructed on existing alignment.
Total	56040		17367	38673

22.2.5.5 Environmental Enhancement

UPG-01 Enhancement Work **completed** at all three locations.

UPG-02 Both environmental enhancement site works are **completed**.

UPG-03 Construction of bathing Ghat at Pond – **Completed** except site cleaning work.

UPG-04 Enhancement at Dehpa Temple – New Hawankund – **completed**; Existing Temple enha. (wall & Slab & 1 Chabutra-Completed); Construction of bathing Ghat at Pond – **Completed**;

Package	Table-H: Status of Environmental Enhancement in Numbers							
	Numbers	Chainage	side	Existing Structure	Trees with Guard	Bench	Bathing Ghat	Status
UPG-01	3	5+300	LHS	Temple	10	NIL	NIL	Completed at Ch.74+623
		5+800	RHS	Pond	15	NIL	NIL	Completed At Ch.9+800
		7+700	RHS	Temple	25	4	NIL	Completed
UPG-02	2	123+000	LHS	Temple	4	3	NIL	Completed
		165+000	LHS	Temple	4	4	NIL	Completed
UPG-03	3	9+300	RHS	School	16	NIL	NIL	Completed
		28+000	LHS	Pond	NIL	4	1	Cleaning - In-progress;
		52+000	LHS	School	15	NIL	NIL	Completed
UPG-04	2	61+500	LHS	Pond	NIL	4	1	Completed
		103+300	LHS	Temple	NIL	0	NIL	Completed
Total	10	0	0	0	89	19	2	

Note: UPG-01: Proposed CA Site was shifted in consultation with PAP and Client i.e. 5+300 to 74+623; 5+800 to 9+800; 7+700 – No change (Ref.GHV letter no.810 dt.16-04-2021)

22.2.5.6 Other Construction Work Sites Related Issues:

UPG-01: Provisional Completion Certificate (PCC): “The Engineer” has issued the PCC with effect from 12th July-2021 and further Final Completion Certificate was issued on 12th August 2021; The Project is under Operation and Maintenance Phase. The O&M Phase activities are being monitor as per Contractor’s Proposed O&M manual and Contractor ESMP Provisions.

- (i) **O&M Manual:** Contractor has submitted revised O&M Manual vide letter no. GHV/Site/SH-42/Rath/801 Dated- 01stApril-2021 which is reviewed and approved as the Contractor has incorporated the EMP works and procedure of maintenance during O&M period (Ref. EGIS/1272 dt.20/04/2021)) – No Issue.

UPG-02: Project works are completed in all respect. Final Completion Certificate issued to the Contractor with effect 31st October, 2020;O&M Period is started from 01st November, 2020.

- (i) The Activities notified to the Contractor has not been completed hence DLP period recommended to extend up to 31stDecemeber 2021 – Works are completed in Dec-21
(ii) Avenue Tree Plantation shall be initiated by the Forest Department in consultation with Client/PWD.

UPG-03: DFO South Kheri demanded the provisions of 3 (Ch.12+870, Ch.13+546 & Ch.15+205, – Wild Animal /Cattle Underpass in the Reserve Forest Area Sections (Ch.12+000 to Ch.13+800 & Ch.14+680 to Ch.16+065); In principal the Authority has granted permission vide letter ref. no.95/800-6/UPCRNDP/WBYC/19 dated.17/01/2020.CUPworks are completed at all 3 locations except thechain-linked fencing along the forest boundary. The Draft Report on provisions of Wild Animal underpass at Reserve Forest Area has been prepared and submitted to Authority.

UPG-04: Project works are completed in all respect. 12850 Compulsory plantation and construction of Project facility works (13 Bus Shelter + 2 Truck laybys) shall be taken-up by the Contractor respectively after resolving the garbage dumping issue with the local municipal/panchayat authority and location disputes issues. The Completion Certificate is issued to the Contractor with effect from 10th January, 2022; O&M Period is started from 11th January, 2022.

Redevelopment of Exhausted Borrow Area:

UPG-03 the redevelopment works of exhausted borrow area - satisfactory.

Removal of Construction Waste/ unserviceable Materials: **UPG-01-** Final closure NOC for Contractor’s Camp at Ch.14+200 and Ch.57+000 is received. **UPG-02–** Final Closure NOC received. **UPG-03** Two waste disposal sites are identified & approved, disposal of materials started. **and UPG-04** Final Closure NOC for Contractor’s Camp Area (Ch.102+200) – Plan awaited; Closure NOC for RMC Camp (Ch.95+760 RHS) - Received.

22.3 Operation and Maintenance Stage Monitoring

The Authority Engineers’ (AE/PMC) Environmental Expert has inspected UPG-01, UPG-02 and UPG-03 (construction phase ongoing Project) during the reporting month and ensure the compliance in conformity of Contract Environmental Management Plan (EMP).

The tree plantation status of UPG-01 represented in **Table-I**.

22.4 Construction Site Management

22.4.1 Compliance Status of Environmental Safeguard

The Environmental Safeguard implementation report received from the respective Project sites, Statutory Permit status is presented in table below:

TABLE-J: STATUTORY PERMIT

S. No.	Key ESMP/Contract Agreement Requirements	Licensing Authority	UPG-01	UPG-02	UPG-03	UPG-04
1	Forest Clearance	Forest Department	Obtained for Stage-I Stage-II awaited	-	Obtained for Stage-I Stage-II awaited	Obtained for Stage-I Stage-II obtained on 10.1.2019
2	Tree Cutting Permission from concerned Division	State Forest Department	Permission obtained	Permission obtained	Permission obtained	Permission obtained
3	Approved Contractor Environmental & Social Management Plan (C-ESMP)	Contractor	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website.
4	Labour License	Labour Department	Available-Validity 03/09/2019 to 02/09/2022 (Renewed)	Available-Validity 26/04/2018 to 26/04/2022 (Renewed)	Available-Validity 02/01/2020 to 10/11/2022 (Renewed)	Available-Validity 19/11/2019 to 17/11/2022 (Renewed)
5	Workmen Compensation Policy	Insurance Company	Available-Validity till 03/06/2022	Available-Validity till 19/11/2021	Available-Validity till 03/04/2022	Available-Validity till 18/11/2022
6	Contractor All Risk Policy	Insurance Company	O&M Phase Covered	Available-Validity till 01/11/2021 (Valid till DLP)	Available-Validity till 10/05/2022 (Renewed) + 60 months for O&M Phase	Available-Validity till 03/02/2022 (Renewed) + 60 months for O&M Phase
7	Hot Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
8	Hot Mix Plant - CTO (water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
9	Ready Mix Concrete-CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
10	Ready Mix Concrete - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
11	Wet Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
12	Wet Mix Plant - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till	Demobilized

					31/12/2022 (Renewed)	
13	DG Sets	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Demobilized
14	Ground Water Permission	Central Ground Water Authority	Demobilized	Demobilized	CGWA permission available-Validity 04/05/2020 to 03/05/2022	Permission Granted Validity 28-01- 2021 to 23-09-2026
15	Hazardous Waste Management Permission	UPPCB	M/s Kathooria Petro Products engaged for oil & grease.	M/s Kathooria Petro Products engaged for oil & grease.	Bharat Oil & Waste Management Ltd.	M/s RAMKY Waste Management Unit
16	HSD Storage- DC Permission/ IOCL	DC & PESO	DC permission is available. (Valid till Project Period)	Demobilized	PESO permission dated 02/03/2020 is available. (validity till 31/12/2022)	Demobilized
17	PUC Certificates	State Transport Department	Available	Available (O&M Vehicles & Machineries)	Available	Available
18	Borrow Area Permission	DC (Mining Department) and SEIAA	Closed	Closed	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission now not required	Closed
19	Quarry/Crusher Permission (Entire Aggregate materials are being out sourced by all UPCRNDP Contractors)	Dept. of Mines & Geology and State PCB	Closed	Closed	Lease Document & CTO is available for out sourced materials	Closed
20	ISO 14001 and OHSAS 18001 certification (within one year from the award for contract)	Authorized ISO Certifying Agency	Obtained -ISO 14001 and ISO 18001 Valid till 07/11/2021	Not Applicable	Obtained -ISO 14001 Valid till - 27/08/2023 and ISO 18001 Valid till 11/03/2021: 29/03/2024 (Renewed)	Obtained -ISO 14001 and ISO 18001 Valid till 10/02/2024
21	Signing Code of Conduct	Contractor	Signed	Not Applicable	Signed	Signed

23 CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT

S.No.	REQUIRED DATA		UPG-01	UPG -03	UPG-04	UPG-02	TOTAL
	Description	Unit	Month of Feb, 22	Month of Feb, 22	Month of Feb, 22	Month of Feb, 22	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos.	6	299	4	7	354
2	Man-hours worked / Day (as above)	Hrs.	60	2392	48	70	2906
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	1440	52624	1344	1680	72924
PROJECT CRASH DATA REPORT							
1	First Aid Incidents	Nos	0	3	0	0	2
2	Category (a) Incident: Involving Project Person or Project Machinery						
a	Fatal Incidents occurred at construction zone involving Project person/machinery	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
3	Category (b) Incident: Involving Public / Road Users adjacent to Work zones						
a	Fatal Incidents occurred at construction zone involving public	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
4	Category (c) Incident: Involving Public / Road Users beyond Work zones						
a	Fatal Incidents occurred at non-construction zone involving Public	Nos	2	0	0	1	1
b	Major Injury	Nos	0	2	10	1	2
c	Minor Injury(Road Incident Data)	Nos	0	4	4	1	7
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0

PROJECT ROAD SAFETY IMPLEMENTATION STATUS							
1	Road safety education and training	Nos	1	8	1	1	8
2	Percentage of compliance to unsafe acts & unsafe conditions	Nos	100%	-	100%	100%	100%
3	Number of Mock drill conducted	Nos	0	0	0	0	0
4	Awareness program conducted (Award / Reward to Worker / Engineers)	Nos	0	0	0	0	0
5	General Health checkup	Nos	1	0	0	1	2
Note:- All data as provided by the Contractor and verified by AE's Field Staff. UPG-01 and UPG-02 Project Completed; O&M Period is Under Progress.							

23.1 Road Safety Project Implementation Status

ROAD SAFETY IMPLEMENTATION STATUS				
Vision Plans to Minimize Accidents				
S.N.	Project Name	Plans Description	Contractors Submission Date/ Letter No	AE's Approval Date and Letter No
1	UPG-01 HR-SH-42	Traffic Safety Management Plan (Rev-01)	GHV/Site/SH-42/Rath/197 Dated 14.10.2019	Egis India/RE-UPG-01/UPCRNDP/120/2019 Dated 04.12.2019
2	UPG-03 GSP-SH-93	Traffic Safety Management Plan (Rev-01)	APCO/Site/SH-93/GSP/ Letter No.59 dated 19.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Approval Letter No. 33 dated 20.11.2019
3	UPG-03 GSP-SH-93	Diversion Plan for the Construction zone of project Highway. (Rev-00)	APCO/Site/SH-93/GSP/ Letter No.51 dated 06.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Revision Letter No. 19 dated 13.11.2019
4	UPG-03 GSP-SH-93	Diversion Plan for the Construction zone of project Highway.(Rev-01)	APCO/Site/SH-93/GSP/ Letter No.58 dated 19.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Approval Letter No. 32 dated 20.11.2019
5	UPG-04 BBB SH-51	Traffic Safety Management Plan	GCL/CAMP/SH-51/BBB/2020/131	Egis India/REUPG-04/UPCRNDP/087/2020 on 22.02.20
6	UPG-04 BBB SH-51	Diversion Plan for the Construction zone of project Highway.	GCL/Camp/SH-51/BBB/2020/399	Approved
7	UPG-02 G-C SH-42	Project Completed: Traffic Safety and Control Plan included in "Operation and Maintenance" Manual	O&M - NKC/Site/2020-21/GC/892 dated. 27-07-2020	Egis India/LKO/UPCRNDP/2020/934 dated 29.07.2020

CERTIFICATION & IMPLEMENTATION OF ISO STANDARDS

1	UPG-01 HR-SH-42	ISO 14001 & ISO 45001	GHV/Site/SH-42/Rath/559 Dated 05-10-2020	ISO 14001 and ISO 45001 Valid till 07/11/2021
2	UPG-03 GSP-SH-93	ISO 14001 & ISO 45001	APCO/WB-UPPWD/EGIS/ST/525 Dated 13-06-2021	ISO 14001 Valid till - 27/08/2023 and ISO 45001 Valid till 29/03/2024
3	UPG-04 BBB SH-51	ISO 14001 & ISO 45001	GCL/Camp/SH-51/BBB/2021/518 Dated 12-02-2021	ISO 14001 Valid till - 10/02/2024 and ISO 45001 Valid till 10/02/2024
4	UPG-02 G-C SH-42	Project Completed -Not Applicable	NIL	NIL

CURRENT MONTH AE'S OBSERVATIONS & COMPLIANCE STATUS

Before Executing any Activity, Safety Representative of AE (Egis) and concerned Field Engineer go through the RFI and Site Safety Arrangement as per provided Check list. If found satisfactory, Contractor permitted to proceed with the works. If not (RFI hold/rejected), and contractor informed to implement the safety in conformity of required Safety standards, which are then re- inspected prior to starting the works.

ROAD SAFETY EDUCATION & TRAINING FOR ALL PROJECT EMPLOYEES

Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-01-HR-SH-42	Safety Induction (First-aid, Use the PPE's, & Working at heights)	GHV& EGIS (HSE)	8
2	UPG-01-HR-SH-42	Use the PPE's	GHV& EGIS (HSE)	80
3	UPG-01-HR-SH-42	Tool box talk	GHV& EGIS (HSE)	350
4	UPG-01-HR-SH-42	First-aid Training	GHV& EGIS (HSE)	4
5	UPG-01-HR-SH-42	Fire Extinguisher Inspection & Training	GHV& EGIS (HSE)	6
6	UPG-01-HR-SH-42	Vehicle Inspection & Training	GHV& EGIS (HSE)	13
S.No.	Project Name	Description of Program	Training provided by	No. of Person
1	UPG-02 G-C SH-42	Project Completed: Training on "How safely working on live road"	NKC & EGIS	20
S.No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-03 GSP-SH-93	Use the PPE's & Covid-19 awareness.	APCO & EGIS (HSE)	11
2	UPG-03 GSP-SH-93	First-aid training & Covid-19 awareness.	APCO & EGIS (HSE)	11
3	UPG-03 GSP-SH-93	Health & Hygienic & Covid-19 awareness.	APCO & EGIS (HSE)	08
4	UPG-03 GSP-SH-93	Use the PPE's during work at height & Housekeeping maintain awareness.	APCO & EGIS (HSE)	20
5	UPG-03 GSP-SH-93	Use the PPE's during work at height & Code of	APCO & EGIS (HSE)	11

		Conduct awareness.		
Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-04 B-B-B SH-51	Use of Proper PPE's	GAWAR & EGIS (HSE)	04
ROAD SAFETY INSPECTION BY AE's HSE TO PROJECT WORKING SITE				
S.No.	Project Name	Description of Program	Training provided by	Condition
1	UPG-01-HR-SH-42	Plant & Equipment Inspection Done	GHV & EGIS (HSE)	Satisfactory
2	UPG-01-HR-SH-42	Site SHE Inspection	GHV & EGIS (HSE)	Satisfactory
3	UPG-01-HR-SH-42	Electrical Inspection	GHV & EGIS (HSE)	Satisfactory
4	UPG-01-HR-SH-42	Work at Height Inspection	GHV & EGIS (HSE)	Satisfactory
Sl. No	Project Name	Description of program	Training provided by	Condition
1	UPG-02 G-C SH-42	Project Completed: Inspection of all work site done by UPG-01 Staff	NKC & EGIS	Satisfactory
Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-03 GSP-SH-93	Road Safety Awareness Training and use of the PPE's	APCO & EGIS (HSE)	6
2	UPG-03 GSP-SH-93	Oath ceremony, Road Safety Awareness Training and Pamphlet Distribution	APCO & EGIS (HSE)	9
3	UPG-03 GSP-SH-93	Road Safety Awareness Training and use of the PPE's	APCO & EGIS (HSE)	6
4	UPG-03 GSP-SH-93	Oath ceremony, Road Safety Awareness Training and Pamphlet Distribution	APCO & EGIS (HSE)	9
5	UPG-03 GSP-SH-93	TBT, Covid-19 awareness and maintain housekeeping.	APCO & EGIS (HSE)	6
6	UPG-03 GSP-SH-93	TBT, Covid-19 awareness and maintain housekeeping.	APCO & EGIS (HSE)	9
7	UPG-03 GSP-SH-93	Road Safety Awareness Training and Working at height using the platform	APCO & EGIS (HSE)	13
8	UPG-03 GSP-SH-93	Road Safety Awareness Training and using the PPE during work at height.	APCO & EGIS (HSE)	14
Sl. No	Project Name	Description of program	Training provided by	Condition
1	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection	GAWAR	4 CYLINDER
2	UPG-04 B-B-B SH-51	Vehicle Inspection	GAWAR	06 Nos.
3	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	GAWAR	Satisfactory
4	UPG-04 B-B-B	Electrical Inspection	GAWAR	Satisfactory

	SH-51			
5	UPG-04 B-B-B SH-51	Site SHE Inspection	GAWAR	Satisfactory
6	UPG-04 B-B-B SH-51	Housekeeping Inspection	GAWAR	Satisfactory
7	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	GAWAR	Satisfactory
8	UPG-04 B-B-B SH-51	Electrical Inspection	GAWAR	Satisfactory
9	UPG-04 B-B-B SH-51	Site SHE Inspection	GAWAR	Satisfactory
10	UPG-04 B-B-B SH-51	Work at Height Inspection	GAWAR	Satisfactory
11	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection	GAWAR	Satisfactory

24 SOCIAL MONITORING AND COMPLIANCE REPORT

Introduction

The current report is the monthly Social Safeguard Monitoring Report prepared to comply with the loan covenants covering the period till January, 2022 and with the implementation arrangements agreement between World Bank and UPPWD. The main objective of this report is to highlight the major activities related to Land Acquisition and resettlement under taken across all the packages during the reporting period. As a key part of its Social and Safeguards Contract Scope of works, the PMC Social Expert is required to submit a monthly & quarterly report for the task carried out during the project Implementation.

Progress on resettlement activities has been achieved except the training.

Out of Four Packages only one namely UPG-03 requires land acquisition. The other packages UPG-01, UPG-02 & UPG-04 involves resettlement of Non-Title Holders only. The compensation of NTH Disbursement of Structures Compensation & R&R Assistance Squatters & Encroachers 100% & for Kiosks also 100% has been disbursed. The land acquisition will impact nearly 92 Title Holders in UPG-3 (Gola-Shajahanpur). The revised estimate will require only 2.7818 ha of land as per the field condition. Revised nos of TH affected as on date will be affection only 84 TH. The project will require revised land of about 2.7818 ha of private land for completion of bridge approaches, out of which 2.6867 Ha has been already acquired till month 2022. Total 97% of the proposed private land has been acquired and the balance land of 0. 0.0951 is under process because of the loan taken by some TH and are unable to get the NOC from the bank. All the resettlement planning documents related to above projects were disclosed.

The monitoring for the land acquisition and resettlement activities at field level is done by the NGO hired by UPPWD in all the packages. To meet the challenge of tedious and lengthy land acquisition process in the State, the PIU and NGO is assisting affected PAPs for monitoring involuntary resettlement and land acquisition.

RP Implementing NGO

M/S Development Institute for Systems Alternatives (NGO) based in Lucknow was appointed to assist PWD in land acquisition, resettlement and rehabilitation activities under UPCRNDP project. The services of above NGO awarded in under Contract No 123/1-13/UPCRNDP/CEEAP/2020 dated 21/10/2020 under IBRD- Loan No 8940-In.for implementation of Resettlement Plan (RP).

The Overall Summary

Table 1: Proposed Roads in Phase-I

S. No.	Road/Works	Category	Length (km) Approx.	Remarks
1	UPG-01(Hamirpur-Rath)	SH-42	72.785km	EPC Contract
2	UPG-02 (Garautha-Chirgaon)	SH-42	49.145km	Item Rate Contract
3	UPG-03 (Gola-Shajahanpur)	SH-93	57.535km	EPC Contract
4	UPG-04 (Badaun-Bilsi-Bijnaour)	SH-51	79.125km	EPC Contract
Total Km			289.59Km	

Table 2: Impacts of the Project

Sl. No	Name of the Road	Title Holders	Non-Title Holder	Cultural Property Resources (CPR)
1	Hamirpur-Rath Road	-	439	13
2	Garautha – Chirgaon Road	-	122	2
3	Gola-Shahjahanpur Road	92*	139	17
4	Badaun-Bilsi-Bijnaour Road	-	35	11
Total		92*	735	43

* The revised estimate will require only 2.7818 ha of land as per the field condition. Revised nos of TH affected as on date will be affection only 84, The amount disbursed so far Rs. 42473800 out of amount 43591560 as per revised land estimates.

Table 3: Status of Disbursement (SQ &EN)

The disbursement to the affected PAPs pertaining to squatter and encroacher category stands completed in all Phase I packages. The data of PAPs has been revised as per the actual completed disbursement which is presented in below table:

Pack age	STATUS OF R&R ASISTANCE DISBURSEMENT (SQUARTTERS & ENCHROACHERS)										
	Total (SQ, EN)	Revis ed (SQ, EN)	Total Amount approved	Revised amount to be disbur sed	Amount disbursed so far.				Total Amount disbursed so far	Bal an ce	Progr ess %
					I - Installment		II - Installment				
					(SQ EN)	Amount disbursed	(SQ EN)	Amount disbursed			
UPG-01	256	255*	20398948	20374047	255	10166369	255	10207678	20374047	0	100
UPG-02	85	84*	17766443	16121741	84	8107803	73 *	8013938	16121741	0	100
UPG-03	11	11	1274153	1274153	11	646077	11	628076	1274153	0	100
UPG-04	18	16*	2904000	2215000	16	1154000	16	1061000	2215000	0	100
Total	370	366	42,343,544	39984941	366	20074249	355	19910692	39984941	0	100

*** UPG I-** Disbursement completed to kiosks; balance disbursement amount to 19 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 19 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

***UPG II-** Disbursement completed to kiosks; balance disbursement amount to 2 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 2 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

***UPG III-** Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category

***UPG IV-** Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

Table 4: Status of Disbursement R&R Assistance (Kiosks)

Package	Disbursement of Structures Compensation & R&R Assistance (Kiosks)							
	Total Kiosks	Revised Kiosk	Total Amount Approved (INR)	Revised amount to be disbursed	Amount disbursed so far		Balance amount to be Paid (INR)	Progress % Remark
					Kiosks	Amount Disbursed (INR)		
*UPG-01	184	165	9,20,000	8,25,000	165	8,25,000	0.00	100
*UPG-02	37	35	1,85,000	1,75,000	35	1,75,000	0.00	100
*UPG-03	128	119	6,40,000	5,95,000	119	5,95,000	0.00	100
*UPG-04	17	9	85,000	45,000	9	45,000	0.00	100
Total	366	328	18,30,000	16,40,000	328	16,40,000	0.00	100

** UPG I- Disbursement completed to kiosks; balance disbursement amount to 19 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 19 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.*

** UPG II- Disbursement completed to kiosks; balance disbursement amount to 2 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 2 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.*

** UPG III- Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.*

**UPG IV- Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.*

Progress of Land Acquisition

Land acquisition under the project is being carried out as per the Government order number 2/2015/215/Ek-13-2015-20(48)/2011 Rajaswa Anubhag-13 dated 19.03.2015. However, the provisions of Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013 and subsequent supplements by the Government of Uttar Pradesh shall prevail in case direct purchase of land fails. To complete the land acquisition in stipulated time, direct purchase method under UPCRNDP project has been applied in which the DLC members were involved for fixing the value of land through private negotiation and accordingly the conveyance deed is being signed with the land owners.

Acquisition of land is involved in UPG IV only. Out of total requirement of 3.0375 Hectare of private land 2.656 Hectare has been acquired so far and Rs. 4,19,73,320/- disbursed out of total approved amount of Rs. 4,70,15,320/-, 73 THs have been signed conveyance deed out of total 92 affected THs.

Out of total requirement of 3.0375 Hectare of private land, now the finally revised requirement is 2.7818 owing to minimization of negative impacts; and out of revised requirements 2.686 hectare has been acquired so far. Due to revised land requirement, the number of affected titleholders reduced to 84 instead of originally 92 affected titleholders. The amount disbursed so far Rs. 4,24,73,800 out of amount 4,35,91,560 as per revised land estimates.

The detailed status of acquisition of land is as under:

Status of Land Acquisition

District	Tehsil	Village	Extent of private land to be acquired originally (Hectare)	Total nos of TH affected originally	Total approved amount	Revised land estimates as per site condition as on date (Hectare)	Revised nos of TH affected as on date	Total amount as per revised land estimates	Land acquired so far	Balance area of land to be acquired	Amount disbursed so far
Kheri	Mohammadi	Dilawarpur	0.531	16	9345600	0.531	16	9345600	0.531	0	9345600
		Dayanatpur	0.344	10	3990400	0.138	9	1600800	0.115	0.023	1334000
		Macchecha	0.4121	8	5604560	0.4121	8	5604560	0.394	0.0181	5358400
		Tajpur	0.972	22	13219200	0.972	26	13219200	0.972	0	13219200
	Gola	Sheetalpur	0.2989	14	3347680	0.2989	14	3347680	0.2449	0.054	2742880
Shahjahanpur	Shahjahanpur Sadar	Piparia	0.4795	22	11507880	0.4298	11	10473720	0.4298	0	10473720
Total			3.0375	92	47015320	2.7818	84	43591560	2.6867	0.0951	42473800

Status of Pending Land Compensation

District	Tehsil	Village	Khata No.	Khasara No.	Area of land under acquisition	Name of Owner/s	Reason for not Completion
Kheri	Mohammadi	Dayanapur	24	611d	0.0057	Ranjan Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	The ownership was in the name of Shri Ram Avtar. After death of late Ramavtar, the land parcel in question further mutated to the legal heir i.e., his wife Smt. Lakhrani and his three sons, Arjun Kumar, Rajesh Kumar and Ranjan Kumar. Smt Lakhrani remarried to another person and leave the house of Shri Ram Avtar. Remaining legal heir (three sons) are minor interm of age factor and are residing with their grandmother since 2019. Many consultations have been done with shareholders for updation of the revenue record but it is still pending
					0.0057	Arjun Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	
					0.0057	Rajesh Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	
					0.0059	Lakhrani W/c Lt. Ramawatar	
			413	991	0.0181	Ram Pal, S/o Pyarey	
		Sheetalpur	193	1391	0.054	Janki W/o Bhima	Janki has died. His daughter has two sons who have not claimed property due to a family dispute. The matter is in judiciary.
		Total					0.0951

Institutional Arrangement and Implementation Mechanism
Public Works Division (PWD)

PWD is acting as Implementing Agency (IA) for execution of projects for the resettlement/ safeguards issues and land acquisition activities under the project. Four project implementation units (PIUs) have been established. PIU nominated officers responsible for implementation of land acquisition and involuntary resettlement at following projects are as below:

ENVIRONMENT SOCIAL MANAGEMENT SYSTEM CELL					
ORGANISATION		UPG-01	UPG-02	UPG-03	UPG-04
(i)	Social Cell (Employer)	MR. MUNNI LAL VERMA (Environment & Social Specialist - Executive Engineer; Mob.No.+91 9450577618) Mr. P.N. Roy (Independent Consultant - Social; Mob. No.+91 9779117558)			
(ii)	Supervision Consultant (PMC/AE) at Team Leader Office	Dr. Sudesh Kaul (Social Specialist - Mobilized; Mobile No.+91 9818053030; Mail ID: Sudesh.k@egis-india.com)			
(iii)	Asst. Social Development Specialist at Team Leader Office	Mr. Bikram Singh Mob. No. +91 9810670722			

PIUs are overall in charge for land acquisition and rehabilitation and resettlement in their respective project area. In addition to the responsibilities of LA and R&R activities, PIUs ensure:

- Availability of budget for LA and R&R activities;
- Liaison with district administration for land acquisition, R&R, implementation of training and income generation for PAPs.
- Monitor progress of land acquisition and R&R activities.

Revenue Department

The State Government has designated a Special Land Acquisition Officer (SLAO) for execution of land acquisition compensation and rehabilitation activities as per the RFCTLAR act 2013.

PMC

PWD has engaged PMC Services to assist them in implementation under UPCRNDP. THE PMC Consultant's Resettlement expert is responsible for monitoring progress of implementation of Resettlement Plan for each project and provides necessary guidance for improvement wherever required.

Resettlement Plan Implementing NGO

M/S Development Institute for Systems Alternatives (NGO) based in Lucknow was appointed to assist PWD in land acquisition, resettlement and rehabilitation activities under UPCRNDP project. The services of above NGO awarded in under Contract No 123/1-13/UPCRNDP/CEEAP/2020 dated 21/10/2020 under IBRD- Loan No 8940-In.for implementation of Resettlement Plan (RP).

Table 7: Preparation and Distribution of ID Cards

Status of Identity Card Of Non-Title Holder				
Sl. No.	Name of the Road	Preparation of Identity Card	Submission of Identity Card	Distribution of Identity Card
1	Hamirpur-Rath Road	Completed	Completed	Completed
2	Garautha – Chirgaon Road	Completed	Completed	Completed
3	Gola-Shahjahanpur Road	Completed	Completed	Completed
4	Badaun-Bilsi-Bijnaour Road	Completed	Completed	Completed

Status of CPRs

It is communicated to the UP PWD, PMC and the contractor that out of 43 CPRs for which the consent as well as site has already been identified only 40 are physically relocated and the rest 8 CPRs is under Construction. The Contractor should take proactive action for completion of shifting of balance CPRs at the earliest.

Table 8: Status of CPRs

Package	Status of CPRs Structures in Numbers						
	CPRs to be Relocated		CPRs Relocation Sites Finalization & Progress				
	As per RAP	As per Joint Verification	Consent Received / Site Finalized	Drawing Finalized	Relocated / Enhancement	In progress	Balance
UPG-01	20	13	13	13	13	0	0
UPG-02	4	2	2	2	2	0	0
UPG-03	16	17	17	17	16	1	0
UPG-04	20	11	11	11	11	0	0
Total	60	43	43	43	42	1	0

UPG-01 - In CA, 20 structures were listed, at site 26 religious structures are identified; after inspection done only 13 structures need to be relocate. Drawings for all affected structures are approved; Construction Works Completed and all CPRs are relocated.

UPG-02- Out of 4 identified structures; 2 are saved & 2 CPRs are relocated (Temple at Ch.118+600 village Garautha & Well at Ch.123+000 Village Shila);

UPG-03- In CA 9 CPR structures are listed; total 17 structures are identified for relocation. All Design-drawing and construction plan with minor corrections are approved for Construction Works 16 CPRs is completed / relocated one CPR Painting & white washing to be done as per Community demand and one CPR under Construction.

UPG-04-In CA 20 CPR structures are listed; total 11 structures are identified for relocation. All Design-drawing approved and Construction Works Completed and all CPRs are relocated.

Status of Implementation of Income Restoration Activities

The need assessment of the training program for the PAP's is a part of the income restoration and a form of assistance of the livelihood losses occurred to them due to the project implementation. The main objective of the assessment of the training needs of the PAP' is to enhance their capabilities and capacity so that they too can adjust with the pace of the development emerging out of the project and can contribute to the area's development. Through the training program to the PAP's the important component of the project task and objective is achieved and it provides satisfaction to the PAP's. Emphasis is given through the training programs that PAP's generate a feeling like as if they were never resettled or impacted at all.

As per the clause E (6) of the R&R Policy of UPCRNDP, affected titleholders, non-titleholders, sharecroppers, agricultural laborers and employees whose livelihood are getting affected adversely due the project are entitled for the training to enhance or at least restore their financial status.

Some of the guidelines by World Bank specifically related to income restoration are as follows:

- ☐ The standard of living of PAPs be restored to pre-project levels, or be improved
- ☐ In areas where PAPs were living below the poverty line prior to project implementation, post-project living standards be brought up to the poverty line.
- ☐ Preparation of income restoration programs under R&R should proceed exactly as it would for any other economic development programme.
- ☐ It may be important to design income restoration programs with reference both to the poverty profile of the affected villages and to that of prospective host communities.

To achieve this goal, Income Generation scheme has been designed in consultation with the affected persons.

INCOME RESTORATION PROCESS

The process which has been followed for economic rehabilitation/ income generation programme is given below:

- Identifying eligible PAPs through NTH Micro plan & survey.
- Identifying the training needs, household income of each individual PAP, skills possessed and the occupational structure of the PAPs.
- Convergence of the government schemes with the training options to upgrade the skills of the PAPs in carrying out commercial activities.
- Identification of master trainer / Experts/ training institutes for training of PAPs.

IEC Campaign and Awareness Generation Program Imparted No

Up to the Month of February 2021, the following details of IEC Campaign and Awareness Generation Program are as under:

Package No.	Number of Program	Issues Covered
UPG-03	0	HIV/AIDS, Road Safety, Child Labour, Gender Issues and Gender Violence
UPG-03	0	Covid 19 Awareness.
UPG-04	0	HIV/AIDS, Road Safety, Child Labour, Gender Issues and Gender Violence
UPG-04	0	Covid 19 Awareness.

Project Covenants and Compliance

Sl. No.	Grant Covenants	Status of Compliance
1.	Policy grant covenants and compliance	Complied with
2.	Financial loan covenants and compliance	Complied with
3.	Other project specific covenants:	
3.1	Social Safeguards	<ul style="list-style-type: none"> •All social safeguard issues including resettlement etc., have been closely monitored by the PIU/PMC and has been reported. Compensation to the affected PAPs has been reimbursed to the maximum affected persons. •All required institutions have been duly established. •Requisites for implementation are largely met.
3.2	Others	Preparation of consolidated progress reports Monthly/quarterly is being submitted regularly to PWD.

Grievance Redressal Mechanism

As agreed in the Project Appraisal Document (PAD) of World Bank and ESMF, an Integrated Grievance Redress Mechanism (IGRM) has been established under UPCRNDP with the aim to settle as many disputes as possible through consultations.

Grievance Redress Cell Setup under ESDC

As a part of IGRM (Integrated GRM), a Grievance Redress Cell (GRC) has been set up at the district level. The members of GRC are Social & Environment Experts of PIU, Social and Environment Officer of PIU (Assistant Engineers of PIU's have been designated Social and Environment Officer under the project, to look after the social and environment components of their respective jurisdiction), two representatives from community/beneficiary/affected person, Contractor's representative and a representative of NGO. The Executive Engineer of respective road section is the Chairperson of the Cell.

Social Expert of PMU is the Nodal and is responsible for overall activities required for successful functioning of Grievance Redress Mechanism under UPCRNDP. The website of UPCRNDP has the name and number of Social Expert (Name- PN ROY, Mobile No. 9779117558); the toll free number (18001215707), the website address (www.upcrndp.gov.in) and also the complete details of hearings imparted under GRM.

The Functions of the GRC

(a) record the grievances and prioritize them; (b) to redress grievances of community / beneficiaries / project affected persons (PAPs) in all respects; (c) if required, may undertake site visits; (d) continuous update be provided to aggrieved party about development of their case; (e) inform their decision/verdict in writing to PMU, PIU of UPCRDP and aggrieved party as well.

GRC will only deal/hear the issues related to social & environment, construction and individual grievances and will give its decision/verdict in writing within 15 days after hearing the aggrieved person.

Registration of Grievance

The complainant/aggrieved party can register their grievances in various mediums e.g. including in person, in written form to any of the address of UPPWD, Contractor, NGO, PMC etc., through a direct call to concerned officials, web-based complaints, dedicated toll-free telephone line (A dedicated toll-free number has already been working under the established grievance redress system of UPPWD which is being used for the project, the toll free No. is 18001215707), written complaints on complaint register available at Office of the PIUs, NGO Office, Contractor's office, information kiosks etc. The grievance can also be registered through PMIS.

Grievance during the month

No grievance has been reported during this month.

FIELD OBSERVATION DURING THE CURRENT MONTH:

The need assessment survey stands completed and training program completed in the all 4 roads of Phase-I.

PHOTOGRAPHS DURING IMPLEMENTATION OF INCOME RESTORATION ACTIVITIES



UPG-01(Hamirpur-Rath)



UPG-02 (Garautha-Chirgaon)





UPG-03 (Gola-Shahjahanpur)



UPG-04 (Badaun-Bilsi-Bijnaour)

COMPONENT PART- C

PROJECT MANAGEMENT SERVICES (TIME BASED)

25 PART-C COMPONENT

25.1 OVERALL PROGRESS OF UPCRNDP – PMC's SCOPE

CLAUSE 3.8	COMPONENT	PROGRESS STATUS
a	Prepare overall plan and schedule for Project	Overall Plan for project was prepared and shared with PWD at the time signing of the Contract
b	Assist PWD in preparation of the overall project implementation program	We have been closely working with PWD in implementing overall program for completing the Project.
c	Co-ordination between Project's component to incorporate findings/ recommendations in design & implementation	Being implemented – iRAP survey data incorporated in Phase-I DPR; Independent RSA findings implemented in UPG-02; ECORYS GAC recommendations incorporated in Phase-II design
d	Monitor actual Physical Progress and costs against plans & budget and prepare QPR	Being Implemented
e	Monitor the progress and quality of construction/ maintenance works for compliance with the contractual provisions.	Being Implemented
f	Safety Audit – 2 construction stage & 1 post construction stage	Completed - all 3 for UPG-2 Garautha-Chirgaon & UPG-01(Hamirpur-Rath) & UPG-04 (Badaun-Bilsi-Bijnaour); 2 Audit completed in UPG-03.Compliance report from the Contractors has been received and sent to the UPPWD.
g	Assess the achievement of Project Development Objectives through monitoring of result framework / indicators agreed between Bank and GoUP.	Being implemented and monitored in QPR
h	Prepare RFP/ ToRs for any additional consultancy	We have assisted in preparing RFP/ToRs for appointing Independent consultants
i	Prepare Mid-Term Review Report of the Project in agreed format.	Mid-Term Review Report not due yet
j	Contract Analysis and make recommendations	Being Implemented
k	Training to PWD staff on Road Safety, Quality Control and Contract.	Road Safety and Quality training provided and Contract Administration Delayed due to Covid-19; will be provided as per PWD convenience.
l	Monitor Project costs and provide updated forecast of costs in QPR	Being Implemented
m	Develop a Quality Management System	Quality Management Procedure Manual shared with PWD for phase –I. Manuals for Phase-II under preparation expected to be submitted by Mid November 2021.

n	Support the development of PWD's – RAMS, Preparation of Bid Documents, Data Collection Services from other sources.	Being Implemented
o	Project Risk Management – identification, analysis and Mitigation Plan	Risk Management status updated in the report.
p	Training to stakeholders on PMIS	Being Provided;
q	Operational and maintenance support for PMIS	Being Implemented
r	Organize various stakeholder workshops – Project launch; Mid-Term etc.	Project Launch Workshop was planned around mid-March 2020 but due to Covid-19 Cancelled; Mid-Term & other workshop will be implemented in consultation with PWD & WB.
s	Participation in various discussions/ meetings/ missions called upon by WB	Being Implemented

Risk Management Status as on 31.01.2022 is tabulated as follows:

Risk #	Risk #	Risk Title	Consequences/ Impacts	Risk Owner	Risk Sev.	Risk Mitigation Plan/Action Taken
1	Technical	Access to Land	Cost/Time	Authority		Land made available to Contractor well in advance
2	Technical	Relocation of Utilities	Cost/Time	Authority		All utilities to be relocated outside the ROW in time
3	Technical	Rehabilitation of Common Property Resources	Affect the schedule, and may result in delay	All	H	Coordinate with Gram Panchayat, Authority and UPPWD and NGO to acquire land outside the ROW to relocate CPR's and early submission of construction drawings for approval
4	Technical	Environment 1. Construction of Rain Water Harvester. 2. Tree Plantation	Affect the schedule and delay of project	Contractor	H	Contractor to submit the complete details of plant and MoM to be finalized with approved Nursery. Get approval from Authority engineer.
5	Technical	Contractor to get approval for all revised drawing. Bridge Construction Work interrupted due to revised design and late submission of supporting documents. Contractor proceeded with works without AE approval of design.	Time/Cost impact	Contractor	H	Contractor to appoint experienced design engineer and supporting staff and provide all design well in advance to review and approval from PMC. Recovery plan to be submitted with Additional Resources

6	Technical	Delay associated with renewing approval of construction materials - asphalt mix, & Supply of asphalt mixes with their approval certificate expired	Cost impact to contractor, delay the schedule	Contractor	M	Regularly check the status of their certificates to ensure suppliers license is valid, liaise with MED. To get the right source & should not change
7	Safety	Spread of Covid-19 disease as Omicron	Affect the schedule and delay of project	All	M	Contractor to follow SOP & take all the precautions in order to reduce the affect of disease. PMC/Contractor to ensure all staff/worker must be vaccinated.
8	Technical	Delay of submittal approvals, work programs, construction programs, etc.	Time & cost	Contractor / Engineer	M	Contractor to submit in advance as Consultant require 2 weeks for review submittals to Authority Engineer
9	Technical	A. Inadequate traffic diversion/ management plan (approval) and lighting during the construction period B. Traffic diversions for Bridge expansion joint replacements	Time, cost of new diversion & traffic approval issues	Consultant & contractor	M	Contractor to coordinate with relevant stakeholders to attain approval
10	Safety	Road Diversion	Serious injury / public fatalities and workers	Contractor/ AE	H	Provide the alternate temporary diversion road, working area should be barricaded. Necessary traffic safety sign board and warning lights to be placed, Water should be sprinkle on the ground based on atmospheric condition. Provide face Mask and safety glass in addition to PPE. Safety Checklist to be submitted with RFI prior to starting any works on the Live carriageway.
11	Technical	Fixing of ROW Pillar ,Km ,5th kmand hectometer stone	Time Impact	Contractor	M	Organize meeting with land department, get coordinates and request for early marking.
12	Safety	Unload and load, Handling of materials and equipment using Crane and 6 wheeler Trailer Truck.	Serious onsite injuries / illness, Two or three permanent incapacitating on site	Contractor	H	Driver should be competent and third party certified. Place warning signs and barricade the lifting area. Lifting plan to be followed strictly. Usage of PPE kit.
13	Technical	Procurement of Material for Bus Shelter	Time Impact	Contractor	M	Contractor to expedite the Procurement of all material in advance as soon as design of bus shelter approved. Contractor to expedite the fabrication work with additional team.

14	Technical	Casting of kerb at Buslaybye and truck lay bye and fixing of Bus shelter	Time /Cost Impact	Contractor	M	Contractor to engage extra manpower to complete the work
15	Safety	Road marking and fixing of Road furniture ant traffic calming Measures in urban Area	Time/cost Impact/Risk for commuters	Contractor	M	Contractor to engage additional resources and manpower to complete the work. Contractor to monitor on daily basis.
16	Technical	Change of Scope	Cost &Time Impact/overall completion of project	Contractor	M	All COS for project to be submitted by contractor to the AE for their review and recommendation to the authority.
17	Technical	Delay construction in Mohammadi Urban Area	Time Impact	Contractor	H	During site visit by SE ,has instructed to start the work and the mean time COS submit under Article 13. Contractor to expedite the work and prepare the recovery plan to complete the work in approved schedule
18	Technical	Delay in launching of Composite Girder for minor bridges.	Time Impact	Contractor	M	Contractor has engaged skilled team and suitable machinery to launch the composite girder and other misc. Works related to minor bridge slab construction. Contractor to ensure the regular maintenance of Machinery in order to complete the work as per schedule.
19	Technical	Delay in submitting of Re-design of Major Bridge at ch.25+608	Time Impact	Contractor	M	During Site Visit by TL & DTL and various meetings with UPPWD and contractor, it was instructed to submit re-design of Major bridge asap after signature of proof check consultant and safety consultant. However re-design was submitted and approved basically by AE. Instructed contractor to expedite the work and follow the construction methodology
20	Technical	Submission of As-Built drawings and other handing over documents, such as Adoption Forms, O & M and Road Performa before completion of the projects. Preparation of all documents and equipments required for Maintenance Period	Inaccurate drawings, project closure delay . Possible delays to maintenance leading to accidents.	Contractor	M	Contractor to engage the 3rd party to certify As-Built early. Timely review, certify and submission. Discuss the progress of As-Built submission in Monthly Progress Prepa Meeting. Preparation in advance of completion.

25.2 Status of Consultancy Services required and Mobilized under UPCRNDP

SL No.	Description of Services	Methods of Selection	Review Type	Present Status	Name of Consultant / Firm
1	Project Management Consultancy (PMC's)	QCBS	Prior	Contract awarded & commencement from 08 th August, 2014	M/s Egis India Pvt. Ltd
2	Independent Environmental and social review consultant.	QCBS	Prior	Contract awarded and commencement from 19 th February , 2015	M/s EQMS India Pvt. Ltd.
3	Providing NGO (firm) Services (for Facilitating Implementation of resettlement Action Plan)	LCS	Prior	Contract awarded and commencement from 03 rd Feb, 2018. Now Demobilized.	M/s Study Point Samiti
4	Gender Assessment and Preparation of Gender Action Plan.	QCBS	Post	Contract awarded and commencement from 18 th July, 2019.	M/s ECORYS INDIA Pvt. Ltd.
5	Individual Consultant (IC) for the Consultancy Services to support the Social component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 05 th May, 2020.	Mr. Prabhanjan Narayan Roy
6	Individual Consultant (IC) for the Consultancy Services to support the environmental component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 06 th May, 2020.	Dr. Seema Srivastava
7	Phase-1 of NGO (firm) services to undertake balance activities.	SSS	Post	Contract awarded and commencement from 21 st October, 2020.	M/s Development Institute For Systems Alternatives.
8	Consultancy for Financial Management Firm.	QCBS	Post	Contract awarded and commencement from 18 th January, 2021.	M/s Asija & Associates LLP
9	Consultant firms for conducting Road User Satisfaction Surveys (Baseline).	QCBS	Post	Contract awarded and commencement from 18 th January, 2021.	M/s Marketing and Research Development Associates (MDRA)
10	Consultancy Services for Independent Quality Auditor for UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	Contract awarded and commencement from 18 th January, 2021.	M/s TUV-SUV South Asia Private Limited

11	Phase-2 of Supervision Consultancy.	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # RFP issue to shortlisted firm on dated 09.02.2022.
12	Phase-2 of NGO Services.	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # RFP issued to shortlisted firm on dated 07.12.2021 # Received Technical & Financial proposal from shortlisted firm. # The Technical proposal open on dated 06th Jan,2022 and under evaluated by TEC on 5-6 Feb 2022. # Approved by PSC (Project Steering Committee) and Minutes of meeting still awaited.
13	Consultancy for Internal Auditor (Financial)	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # RFP issued to shortlisted firm on dated 18.12.2021. # Received Technical & financial proposal from shortlisted firm . # The Technical open on dated 17 Jan, 2022 and under evaluated by TEC on 5-6 Feb 2022. # Approved by PSC (Project Steering Committee) and minutes of meeting still awaited.
14	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # Draft RFP send to bank for approval and NOC through STEP on 23.02.2022. # Comment received over draft RFP from World Bank on 23.02.2022.
15	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual)	QCBS	Post	<ul style="list-style-type: none"> Procurement under process. # EOI was opened on dated 12th Jan, 2022. # No EOI Received. # On 13.01.2022, the World bank was informed in this regard through email. # The World bank, through its e-mail dated 13.01.2022, directed that in this regard. # The 3 CV's received till dated 02.02.2022 and evaluated by TEC on 5-6 feb 2022. # Approved by PSC (Project Steering Committee) & Minutes of Meeting still awaited.
16	External Evaluation Consultant for RAP implementation	QCBS	Post	<ul style="list-style-type: none"> Procurement under process. # EOI was opened on 12th Jan, 2022, bids under evaluation. # The Technical open on dated 12.01.2022 and evaluated by TEC on 5-6 feb 2022. # Approved by PSC(Project Steering Committee) & Minutes of Meeting still awaited.

17	Consultant firms for conducting Road user satisfaction Surveys (Baseline) for Phase-2 Roads.	QCBS	Post	<ul style="list-style-type: none"> Procurement under process. # TOR under World bank Approval.
18	Mid-Term Evaluation/ End-Term Evaluation of Road User Satisfaction Surveys for Phase- 1 & 2 Roads	QCBS	Post	<ul style="list-style-type: none"> Procurement under process. # TOR in Progress
19	Consultancy Services for Independent Quality Auditor for Phase-2 Roads UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	<ul style="list-style-type: none"> Procurement under process. # TOR in Progress

25.3 STATUS OF VARIOUS CIVIL WORKS (Procurement Status of Phase-II Roads)

SL No.	Description	Methods of Selection	Review Type	Present Status	Name of Consultant / Firm
1	Up gradation & Maintenance of Rath-Garautha Section of SH-42 (Missing Link)	NCB		The Government of Uttar Pradesh has given administrative and financial approval to the project. Request of Bid (RFB) issued on dated 07.01.2022 and Only one Bid received on dated 16.02.2022.	M/s EGIS India Consulting Engineers Pvt. Ltd. preparing DPR
2	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bansi-Mehandawal-Khalilabad Road (SH-88)	NCB		The Government of Uttar Pradesh has given administrative and financial approval to the project. Bid documents are under approval from WB.	
3	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB		The Government of Uttar Pradesh has given administrative and financial approval to the project. Bid documents are under approval from WB.	
4	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	ICB		DPR send to Bank for No Objection Certificate (NOC).	

5	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	ICB		DPR send to Bank for No Objection Certificate (NOC).
6	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	ICB		DPR send to Bank for No Objection Certificate (NOC).

***ICB- International Competitive Bidding**

***NCB-National Competitive Bidding.**

25.4 Financial Progress of Consultant (PART-C)

Financial Expenditure of PMC Services up to February - 2022

PART - C – Up to FEBRUARY 2022 (USD) - CLAIMED AMOUNT

SI No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance (USD)
1	Remuneration for TL	\$1,124,640	\$1,225,501	\$854,426	\$371,075
Gross Amount (Foreign Component)		\$1,124,640	\$1,225,501	\$854,426	\$371,075
2	Escalation			\$53,715	
Grand Total		1,124,640	1,225,501	\$908,141	

PART - C - Up to FEBRUARY 2022 (INR) - CLAIMED AMOUNT

SI No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	52,034,400	43,239,000	14,103,902	29,135,098
2	Reimbursable Expenses	18,552,152	30,896,321	20,135,005	10,761,316
Total		70,586,552	74,135,321	34,238,907	39,896,414
3	Escalation			4,304,310	
Grand Total		70,586,552	74,135,321	38,543,217	

PART – B:

CONSTRUCTION SUPERVISION OF CIVIL WORKS

PHOTOGRAPHS

1) PHOTOGRAPHS OF PACKAGE –UPG/02 (GARAUTHA – CHIRGAON)



Ch. 129.00 –MCB and Signage Board Kerb Painting done again.



Road Marking and Sign Board repainted and repaired.



Major Bridge at Ch. 158+000 Concrete Barrier painted again wherever deteriorated



Sign Board and Road Marking at Ch. 129+000



Gantry Board and information Board cleaned and any damaged signs replaced.



Dual Carriageway at Gursarai hazard sign replaced and Pedestrian Marking done again.

2) PHOTOGRAPHS OF PACKAGE UPG/01 (HAMIRPUR-RATH)



Rumble Stripes before Table Top



Km 72+627 - Bollard



Hectometre Fixed At Ch. 05+800



Replacing of Sign Board



Ch. 71+390 - Stone Pitching Repair is in Progress



Night View of Road with road studs replaced.

3) PHOTOGRAPHS OF PACKAGE –UPG/03 (GOLA-SHAHJAHANPUR)



Marking for Table Top Location



Minor Bridge at Ch. 7+163



Chevron Board, MBCB, Road Marking & Road Studs
Work completed @ Ch. 25+100



Night View at Road bend.



Major Bridge @Ch.25+608: Slab Completed and
Hand Railing with Crash Barrier under Progress



Major Junction at Ch. 24+905

4) PHOTOGRAPHS OF PACKAGE –UPG/04 (BADAUN-BILSI-BIJNAOUR)



Boulder Pitching MNB @ Ch. 120+468 LHS



Bus Shelter @ Ch.73+050 RHS



Informatory Sign Board @ Ch. 129+580 LHS and shoulders cleaned.



Boulder Pitching MNB @ Ch. 130+021 RHS



Hawan Kund @ Ch. 103+360 LHS CPR



Tree Guard @ Ch. 96+75 RHS

Enclosure-1

**Summary of Team Leader Office
Correspondences**

Minutes of Meeting (MoM) Letters

Consultancy Services for Uttar Pradesh Core Road Network Development Program

OUTGOING CORRESPONDANCES of TL OFFICE, LUCKNOW for the m/o FEBRUARY 2022

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	02.02.2022	Egis India/LKO/UPCRNDP/2022/1610	CE,PWD,Lucknow	Submission of USD Component Invoice No. 89 for the m/o January 2022	
2	02.02.2022	Egis India/LKO/UPCRNDP/2022/1611	SE,PWD,Kanpur	Online Proposal No. FP/UP/ROAD/ 117342/2020 – Point wise Reply of Queries Raised by Forest Department (EDS) - Missing Link	
3	02.02.2022	Egis India/LKO/UPCRNDP/2022/1612	CE,PWD,Lucknow	Re-Submission of Cost Estimate for 11 Nos. Common Property Resource (CPR) Structures for the approval as per Article -09 of Contract Agreement (Badaun-Bilsi-Bijnour Road)	RE Office letter No. 466 Dated 17.01.2021 GAWAR letter No. 856 Dated 15.01.2022
4	03.02.2022	Egis India/LKO/UPCRNDP/2022/1613	CE,PWD,Lucknow	Consolidated Quarterly Progress Report (CQPR) for the Period from October to December 2021	
5	03.02.2022	Egis India/LKO/UPCRNDP/2022/1614	GAWAR	Article 8 Sub-Clause 8.5 - Protection of Site from Encroachments	GAWAR letter No. 779 Dated 12.11.2021
6	03.02.2022	Egis India/LKO/UPCRNDP/2022/1615	SE,PWD,Moradabad	Garbage Dumping Issue within Project ROW	GAWAR letter No. 779 Dated 12.11.2021
7	03.02.2022	Egis India/LKO/UPCRNDP/2022/1616	SE,PWD,Kanpur	Forest Clearance of Missing Link (Rath-Garautha) - Regarding Withdrawal of Old Proposals	UPPWD letter No. 113 Dated 31.01.2022 and 45 Dated 12.01.2022 DFO letter No. 1631 Dated 27.01.2022
8	04.02.2022	Egis India/LKO/UPCRNDP/2022/1617	CE,PWD,Lucknow	Submission of Part-B & Part-C INR Components Invoice No. 93 for the month of January 2022	
9	04.02.2022	Egis India/LKO/UPCRNDP/2022/1618	CE,PWD,Lucknow	Demobilization of 1. Mr. Kompella Srikanth - Assistant Quantity Surveyor and 2. Ms. Kilaparthi Visalakshi - Technician Lab. 2 Nos. Staff from the Current Maintenance Team (Hamirpur-Rath)	
10	04.02.2022	Egis India/LKO/UPCRNDP/2022/1619	CE,PWD,Lucknow	Demobilization of Staff, RE Office and Vehicles of Badaun-Bilsi-Bijnour	
11	04.02.2022	Egis India/LKO/UPCRNDP/2022/1620	SE,PWD,Kanpur	Forest Clearance of Missing Link (Rath-Garautha) - Joint Verification of Reserve Forest Area in Hamirpur and Jhansi Districts	UPPWD letter No. 137 Dated 03.02.2022 and 127 Dated 01.02.2022 and MOM Dated 02.02.2022 vide UPPWD letter No. 245 Dated 03.02.222

12	05.02.2022	Egis India/LKO/UPCRNDP/2022/1621	CE,PWD,Lucknow	Detailed Project Report Submission of Rath - Garautha Road (Missing Link) (SH-42) –Submission of Hard Copy in 6 Sets of DPR Vol. VIII - Environmental Impact Assessment Report (EIA) & Environmental Management Plan (EMP) - (Rev-08)	
13	05.02.2022	Egis India/LKO/UPCRNDP/2022/1622	CE,PWD,Lucknow	Detailed Project Report Submission of Bahraich-Gonda-Faizabad Road (SH-30) – DPR Vol. VIII - Environmental Impact Assessment Report (EIA) & Environmental Management Plan (EMP) - (Rev.-06)	
14	07.02.2022	Egis India/LKO/UPCRNDP/2022/1623	CE,PWD,Lucknow	Detailed Project Report Submission of Bansi-Menhdawal-Khalilabad Road (SH-88) – DPR Vol. VIII - Environmental Impact Assessment Report (EIA) & Environmental Management Plan (EMP)-(Rev.-6)	
15	08.02.2022	Egis India/LKO/UPCRNDP/2022/1624	APCO	Site Visit Program of Sr. Bridge Engineer from 09.02.2022 to 12.02.2022 .	
16	09.02.2022	Egis India/LKO/UPCRNDP/2022/1625	SE,PWD,Kanpur	(Online Forest Proposal No.- FP/UP/ROAD/117342/2020) regarding DFO Hamirpur EDS -point wise reply on PWD observation	
17	09.02.2022	Egis India/LKO/UPCRNDP/2022/1626	CE,PWD,Lucknow	Approval of Replacement CV Submission of Non-key Expert Mr. Nikunj Kumar against Replacement of Mr. Kompella Srikanth, Quantity Surveyor	
18	09.02.2022	Egis India/LKO/UPCRNDP/2022/1627	CE,PWD,Lucknow	Submission of Tentative Cost Estimate for Implementation of Resettlement Action Plan (RAP)	
19	09.02.2022	Egis India/LKO/UPCRNDP/2022/1628	CE,PWD,Lucknow	Discussion held with World Bank regarding BID Document of Bansi-Menhdawal-Khalilabad Road (SH-88)	
20	09.02.2022	Egis India/LKO/UPCRNDP/2022/1629	GHV	Site Visit Program of Environmental Specialist Mr. DevBrat Singh and Construction Safety Engineer Mr. Suraj Kr. Pathak from 10.02.2022 to 12.02.2022	
21	10.02.2022	Egis India/LKO/UPCRNDP/2022/1630	SE,PWD,Kanpur	Recommendation of MMS-01 to MMS-03 (IPC-01) for Consideration and Certification Ref Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	RE Office letter No. 028 Dated 08.02.2022 and 003 Dated 23.09.2021 GAWAR letter No. 911 Dated 21.11.2021, 910A Dated 25.09.2021
22	10.02.2022	Egis India/LKO/UPCRNDP/2022/1631	GHV/NKC/APCO/GAWAR	Minutes of Meeting Dated 8th February, 2022 Regarding the World Bank UPCRNDP Phase-I & Phase-II Roads	UPPWD letter No. 319 Dated 10.02.2022

23	10.02.2022	Egis India/LKO/UPCRNDP/2022/1632	NKC	CV of Mr. Sachin Goutam, Maintenance Engineer during the Maintenance Period	NKC letter No. 298 Dated 10.02.2022
24	10.02.2022	Egis India/LKO/UPCRNDP/2022/1633	CE,PWD,Lucknow	Regarding Interruption to Services of Official E-Mails due to Shifting of EGIS HO from 11.02.2022 to 14.02.2022	
25	10.02.2022	Egis India/LKO/UPCRNDP/2022/1634	SE,PWD,Kanpur	Replacement of Resident Engineer Mr. Jawahar Singh	PWD letter No. 155 Dated 08.02.2022
26	11.02.2022	Egis India/LKO/UPCRNDP/2022/1635	GHV/APCO/GAWAR	Occupational Health & Safety (OH&S) and Road Users Safety during Maintenance Period	
27	11.02.2022	Egis India/LKO/UPCRNDP/2022/1636	NKC	Occupational Health & Safety (OH&S) and Road Users Safety during Maintenance Period	
28	11.02.2022	Egis India/LKO/UPCRNDP/2022/1637	SE,PWD,Lucknow	(Online Forest Proposal No.- FP/UP/ROAD/147236/2021) regarding Reg. Submission of Hard Copy of Forest Diversion Proposal (Bahraich - Gonda section of State Highway No. 30)	
29	11.02.2022	Egis India/LKO/UPCRNDP/2022/1638	CE,PWD,Lucknow	Recommendation to Release the 2nd Half Bank Guarantee for Retention Money for Part-I Works (Garautha-Chirgaon)	
30	11.02.2022	Egis India/LKO/UPCRNDP/2022/1639	CE,PWD,Lucknow	Recommendation for Release of Performance Security Bank Guarantee for Part-I Works (Garautha-Chirgaon)	
31	14.02.2022	Egis India/LKO/UPCRNDP/2022/1640	CE,PWD,Lucknow	Submission of DPR Volume-IX Social Management Plan of Moradabad – Haridwar – Dehradun Road (SH-49)-Rev.-5, Garh Siyana- Bulandshahr Road (SH-65)-Rev.-7 and Hamidpur – Kucheshar Road (SH-100)-Rev.-4 (6 Sets each) - (January 2022)	
32	14.02.2022	Egis India/LKO/UPCRNDP/2022/1641	APCO	Site Visit Program of Deputy Team Leader and Environmental Specialist from 15.02.2022 to 19.02.2022	
33	14.02.2022	E-Mail	EGIS HO	Draft on WB Comments on IEOT-02 by the TL	
34	14.02.2022	Egis India/LKO/UPCRNDP/2022/1642	GHV	Occupational Health & Safety (OH&S) Site Inspection and Observation Report	

35	14.02.2022	Egis India/HO/UPCRNDP/UPG-03/79577/2022	CE,PWD,Lucknow	Change of Scope (COS.01-06) Revised Cost Estimate of Structures under COS. 01, 02, 05 & 06 as per the Article 13 of the Contract Clause 13.2.3 & COS 03 & 04 for De-Scope of Project Length as per Contract Clauses 8.3.3 & 8.3.4 of Article-8 (Right of Way) of the Contract Agreement	
36	15.02.2022	Egis India/LKO/UPCRNDP/2022/1643	CE,PWD,Lucknow	Claim for Interim Extension of Time (IEOT-2) due to various delays not attributable to the Contractor from Appointed Date 11th November 2019 to 30th September 2021 – Point wise Reply of World Bank Observations	
37	15.02.2022	Egis India/LKO/UPCRNDP/2022/1644	APCO	Site Inspection Report of Sr. Bridge Engineer from 27.01.2022 to 29.01.2022.	
38	15.02.2022	Egis India/LKO/UPCRNDP/2022/1645	APCO	Site Inspection Report of Sr. Bridge Engineer from 09.02.2022 to 12.02.2022	
39	15.02.2022	E-Mail	SE,PWD,Kanpur	Excel File of Rate Analysis for the Missing Link SH 42.	
40	16.02.2022	Egis India/LKO/UPCRNDP/2022/1646	NKC	Approval of CV of Mr. Sachin Goutam, Maintenance Engineer during the Maintenance Period	
41	16.02.2022	Egis India/LKO/UPCRNDP/2022/1647	CE,PWD,Lucknow	Approval of CV Submission of Non-key Expert Assistant Highway Engineer Mr. Sanjeev Sharma during Maintenance Period	
42	16.02.2022	Egis India/LKO/UPCRNDP/2022/1648	GHV	Field Inspection Report of Environment Expert	
43	16.02.2022	Egis India/LKO/UPCRNDP/2022/1649	CE,PWD,Lucknow	Approval of CV Submission of Non-key Expert Assistant Bridge Engineer Mr. Aditya Yadav during Maintenance Period	
44	17.02.2022	Egis India/LKO/UPCRNDP/2022/1650	APCO	Inspection of Site and Review of Contractor's Construction Activities by Deputy Team Leader Dated 15.02.2022 - <u>Site Inspection Note</u> .	
45	17.02.2022	Egis India/LKO/UPCRNDP/2022/1651	APCO	(a) Requesting for Conducting Test on Completion under Clause 12.1 of the Contract Agreement (b) Requesting for Issuance of the Provisional Certificate under Clause 12.2 of the Contract Agreement (CA)	APCO letter No. 701 Dated 03.02.2022 and 692 Dated 28.01.2022
46	18.02.2022	Egis India/LKO/UPCRNDP/2022/1652	CE,PWD,Lucknow	Reimbursement of GST against Invoices claimed for the month of November 2021 against Part-B & C of UPCRNDP (USD and INR Components)	
47	18.02.2022	Egis India/LKO/UPCRNDP/2022/1653	GAWAR	Operation and Maintenance – Obligation of Contractor during Maintenance Period	
48	18.02.2022	Egis India/LKO/UPCRNDP/2022/1654	CE,PWD,Lucknow	Compliance to WB Comments on BID Document of Bansi-Menhdawal-Khalilabad Road (SH-88)	

49	19.02.2022	Egis India/LKO/UPCRNDP/2022/1655	CE,PWD,Lucknow	Detailed Project Report Submission of Rath - Garautha Road (Missing Link) (SH-42) from Km 74+550 to Km 110+360 – Joint Verification of Affected Land with Revenue Department	
50	21.02.2022	Egis India/LKO/UPCRNDP/2022/1656	SE,PWD,Lucknow	Interim Payment Certificate-15 (SPS-14)	RE Office letter No. 602 Dated 21.02.2022 APCO letter No. 708 Dated 15.02.2022
51	22.02.2022	Egis India/LKO/UPCRNDP/2022/1657	SE,PWD,Kanpur	(Online Forest Proposal No.- FP/UP/ROAD/117342/2020) regarding DFO Hamirpur EDS	
52	22.02.2022	Egis India/LKO/UPCRNDP/2022/1658	CE,PWD,Lucknow	Request to release the balance 50% of Invoice no 88 against “Detailed Project Report, Drawings & Bidding Documents” of SH-30 and SH-88 of Phase-II Roads Works	
53	22.02.2022	E-Mail	CE,PWD,Lucknow	Revision 7 of Bid- Document for SH 88 of Phase-II roads under-UPCRNDP in PDF & Word format, incorporating all compliances of the World Bank including increasing the Maintenance Cost to 3.75 % of the Contract Price as advised by the UPPWD on 21 Feb 2022	
54	24.02.2022	Egis India/HO/UPCRNDP/2022/79881	CE,PWD,Lucknow	Regarding Joint Verification of Reserved Forest Area in Hamirpur and Jhansi Districts	
55	25.02.2022	Egis India/LKO/UPCRNDP/2022/1659	CE,PWD,Lucknow	Submission of Part-B & Part-C INR Components Invoice No. 76 for the month of October 2020	
56	26.02.2022	Egis India/LKO/UPCRNDP/2022/1660	CE,PWD,Lucknow	Consolidated Monthly Progress Report (CMPR) No. 31 for the month of January 2022	
57	26.02.2022	Egis India/LKO/UPCRNDP/2022/1661	CE,PWD,Lucknow	Request to Release of Outstanding Payment of Dr. Sudesh Kaul, Social Development Specialist of Part-C Services	
58	28.02.2022	Egis India/LKO/UPCRNDP/2022/1662	SE,PWD,Kanpur	Submission of Compliance Report of Meeting held on 08.02.222 at UPPWD Office, Lucknow	PWD letter No. 196 Dated 22.02.2022 and 319 Dated 10.02.2022
59	28.02.2022	Egis India/LKO/UPCRNDP/2022/1663	SE,PWD,Kanpur	Recommendation of Monthly Maintenance Statement (MMS-04 to MMS-06 (IPC-02) for Consideration and Certification as per Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	RE Office letter No. 030 Dated 23.02.2022 and GHV letter No. 914 Dated 06.01.2022, 913 Dated 11.12.2021 and 912 Dated 27.11.2021

INCOMING CORRESPONDANCES of TL OFFICE, LUCKNOW for the m/o FEBRUARY 2022**ENCLOSURE-1**

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	01.02.2022	127/16C(I)-WBPC/K/2022	SE,PWD,Kanpur	Forest Proposal of Missing Link (Forest Proposal No. FP/UP/ROAD/117342/2020)-Regarding Joint Verification of affected Forest Area	
2	03.02.2022	APCO/WB-UPPWD/EGIS/ST/701	APCO	(a) - Requesting for conducting test on completion under Clause no. 12.1 of the Contract Agreement. (b) – Requesting for Issue of the Provisional Certificate under Clause no. 12.2 of the Contract Agreement.	
3	03.02.2022	137/16C(I)-WBPC/K/2022	SE,PWD,Kanpur	Joint Verification of Reserve Forest Area in Hamirpur and Jhansi Districts -Missing Link	
4	03.02.2022	245 EAP/Meetings/CEEAP/2021	PD,PWD,LUCKNOW	Notification of Ministry of Road Transport and Highways (MoRTH), GOI regarding Relief for the Contractors in view of constrains caused with Financial Difficulties due to 2nd Wave of Pandemic COVID-19- (Addendum of Schedule-H after approval of CE,PWD)	
5	04.02.2022	3024/800-17/UPCRNDP/WBYC/2020	SE,PWD,Lucknow	Notification of Ministry of Road Transport and Highways (MoRTH), GOI regarding Relief for the Contractors in view of constrains caused with Financial Difficulties due to 2nd Wave of Pandemic COVID-19 - <u>Approval of Revised Schedule-H</u>	
6	04.02.2022	123/A-6	EE,PWD,Kanpur	Regarding the Contractor's Request for Release of Performance Security Bank Guarantee of Part-I Works - Garautha-Chirgaon Road	
7	04.02.2022	GCL/Camp/SH-51/BBB/2022/866	GAWAR	Submission of Operation and Maintenance Manual pursuant to Article-10 Sub Clause 10.7 of Contract Agreement	
8	04.02.2022	124/A-5	EE,PWD,Kanpur	Release of Bank Guarantee for 2nd Half of Retention Money for Part-I Works - BG No. IFBG 02862000030 Dated 12.11.2020 Amount 4,75,02,235	
9	07.02.2022	APCO/WB-UPPWD/EGIS/ST/704	APCO	Regarding submission of Maintenance manual under Clause no. 10.7 of the Contract Agreement.	
10	08.02.2022	91/UPCRNDP	EE,PWD,Moradabad	Regarding the Construction of PRB	

11	08.02.2022	155/16 C (I)-WBPC/2022	SE,PWD,Kanpur	Replacement of Resident Engineer Mr. Jawahar Singh	
12	10.02.2022	NKC/Site/GC/2022-23/298	NKC	CV of Mr. Sachin Goutam, Maintenance Engineer during the Maintenance Period	
13	10.02.2022	319EAP/Meetings/CEEAP/2022	PD,PWD,LUCKNOW	Minutes of Meeting (MoM) dated 08.02.2022 regarding Phase-I and Phase-II Roads	
14	11.02.2022	APCO/WB-UPPWD/EGIS/ST/706	APCO	Interim Extension of Time (IEoT-2)	
15	12.02.2022	GHV/Site/Sh-42/Rath/922	GHV	Submission of As Built Drawings as per Clause 10.2.7 of Article 10 of CA (1 set hard copy)	
16	11.02.2022	1033/9C-WBPC/22	SE,PWD,Kanpur	Regarding Compliance of MoM Dated 08.02.2022 issued by UPPWD letter no. 319 EAP/Meetings/CEEAP/2022 Dated 10.02.2022 (UPG-01, UPG-02 and Missing Link)	
17	14.02.2022	NKC/Site/GC/2022-23/307	NKC	CV of Mr. Sachin Goutam, Maintenance Engineer during the Maintenance Period	
18	14.02.2022	38/013/SH-88/Bhu. Aarekh	EE,PWD,Lucknow	Land Acquisition on Private Negotiation of Bansi-Menhadawal-Khalilabad SH-88 Road	
19	16.02.2022	351/1-01/UPCRNDP/CEEAP/2021	PD,Director	Regarding Review Meeting on 21.02.2022 - Land Acquisition of Missing Link (SH-42), SH-30 and SH-88	
20	16.02.2022	352 EAP/1-12/UPCRNDP/CEEAP/2022	CE,PWD,Lucknow	Review Meeting for Forest Clearances and Environmental Clearances (Ref MOM Dated 02.02.2022 and 08.02.2022)- Meeting Scheduled on 25.02.2022 at 3:00PM in Head Office, PWD	
21	17.02.2022	176 EAP/8EAP/Vol-I/HARIDWAR SH-49	CE,PWD,Lucknow	Observations on Construction Works of Moradabad-Haridwar-Dehradoon (SH-49) Road by Joint Secretary vide letter(File No. 23-12099(099)/63/2021) Datd 10.02.2022 forwarded-Regarding Estimation of Construction Works of Moradabad-Haridwar-Dehradoon (SH-49) Road	

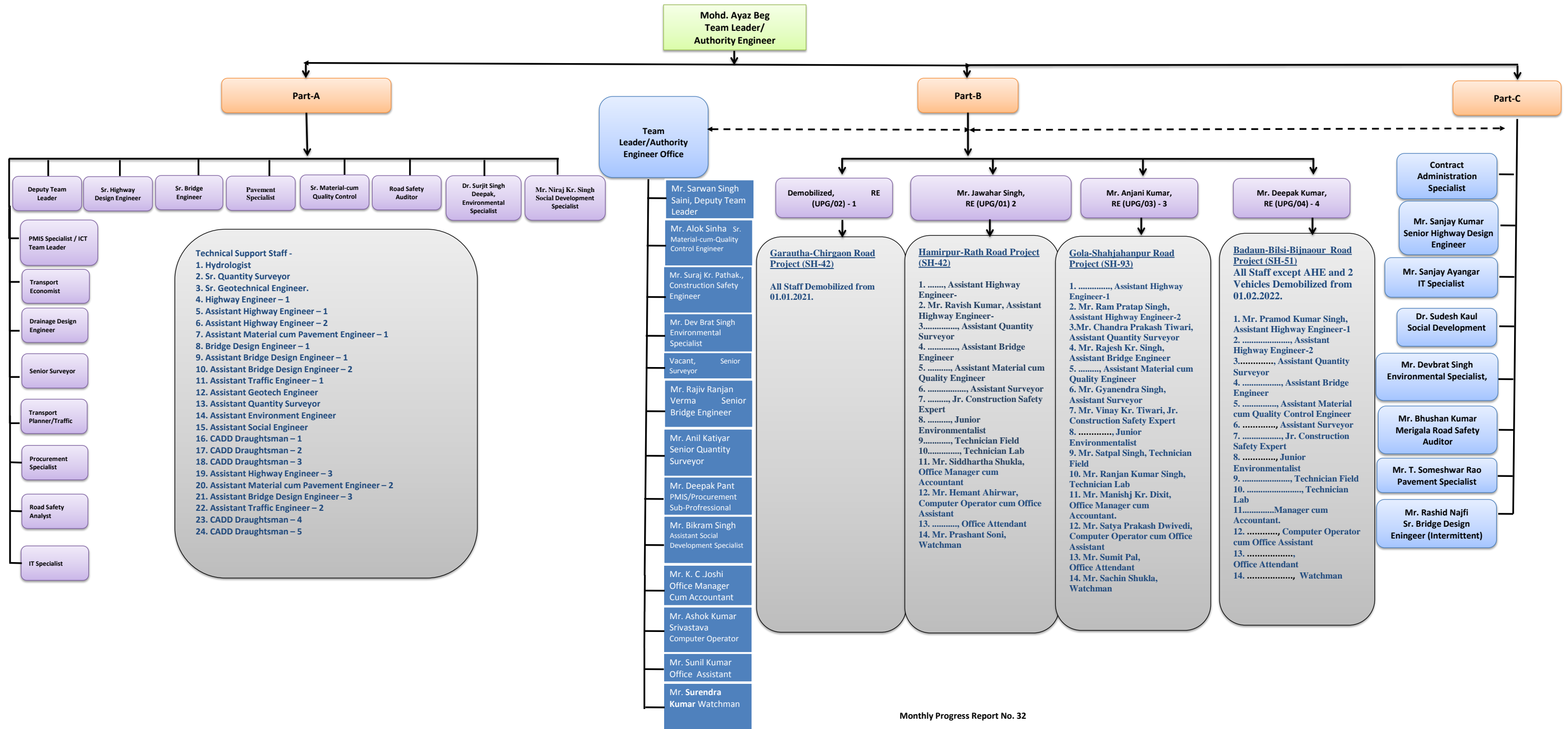
22	22.02.2022	04 Camp Meetings/CEEAP/2021	PD,UPPWD,Lucknow	Minutes of Meeting (MoM) Dated 21.02.2022 regarding progress of Land Purchase Activity and Verification from Revenue Authprity	
23	22.02.2022	187/16C(I)-WBPC/2022	SE,PWD,Kanpur	Regarding Joint Verification of Reserved Forest Area in Hamirpur and Jhansi Districts	
24	22.02.2022	188/16C(I)-WBPC/22	SE,PWD,Kanpur	Regarding Compliance of MoM Dated 21.02.2022 issued by UPPWD letter no. 04 Camp Meetings/CEEAP/2021 Dated 22.02.2022	
25	22.02.2022	196/15C-WBPC/22	SE,PWD,Kanpur	Regarding Submission of Compliance Report of Meeting held on 08.02.222 at UPPWD Office,Lucknow	
26	23.02.2022	200/16 C(I)-WBPC/2022	SE,PWD,Kanpur	Regarding Meeting to be Scheduled at PWD Guest House in Hamirpur on 25.02.2022 at 11:AM	whatsup by DTL
27	24.02.2022	119/MHD (SH-49)	EE,PWD,Moradabad	To Comply Obervations of UP Govt regarding DPR of Moradabad-Haridwar-Dehradoon (SH-49)	
28	24.02.2022	120/UPCRNDP(SH-51)	EE,PWD,Moradabad	Throwing garbage at different different places on the road of Badaun-Bilsi-Bijnaour Road	

Enclosure-2

PMC Organization Chart

1.13 Consultant's Organization Chart

MONTH - FEBRUARY 2022



Structure Details
Gola-Shahjahanpur Road (UPG/03)

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahjahanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Reconstruction of Major Bridge

Progress Upto : 2/28/2022

SN	CA Design Chainage	Actual Chainage As Per Site	Type of Structure & Span Arrngement	PART	FOUNDATION		SUB-STRUCTURE			SUPER STRUCTURE	CRASH BARRIER / Hand Rail	Expansion Joint	Drainage Spout	REMARKS
					Total no of Piles	No of Piles Completed	Pile Cap	ABT / PIER SHAFT	ABT / PIER CAP					
1	25+613	25+608	RCC Girder with Pile Foundation (19mx2+19.5mx4=116 m)	A1	10	Completed				Completed	IP	IP		
				P1	4									
				P2	4									
				P3	4									
				P4	4									
				P5	4									
				A2	10									

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Reconstruction of Minor Bridges On Pile Foundation **Progress Upto : 2/28/2022**

SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE & SPAN ARRANGEMENT	PART	FOUNDATION			SUB-STRUCTURE			ABT / PIER CAP	SUPER STRUCTURE	CRASH BARRIER/ Hand Rail	Expansion Joint	Drainage Spout	REMARKS
					Total no of Piles	No of Piles Completed	Pile Cap	1st Lift	2nd Lift	3rd Lift						
1	12+754	12+758	RCC Girder with Pile Foundation (15mx2+21mx1= 51 m)	A1	10	10	Completed						IP	IP		
				P1	4	4										
				P2	4	4										
				A2	10	10										
2	43+680	43+685	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed						Completed	Completed	Completed	
				A2	8	8										
3	46+987	46+989	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed						Completed	Completed	Completed	
				A2	8	8										

Work Status : Reconstruction of Box Type Minor Bridge

SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE	Exca- vati on	PCC	Raft	Wall			Top Slab	Crash Barrier	Drainage Spout	Rigid Apron	Flexible Apron	Remarks
							A1	P1	A2						
1	52+419	52+436	Box Bridge (6mx2= 12 m)	Completed											

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Cattle Under Pass

Progress Up 2/28/2022

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Top Slab	Crash Barrier / Parapet	Wing Wall & Retaining Wall	Painting	Hazard Marker	Chain Link Fencing	Remarks
1	Wild Animal Under Pass	12+870	1x7m	Completed									IP	COS
2	Wild Animal Under Pass	13+560	1x7m	Completed									IP	COS
3	Wild Animal Under Pass	15+205	1x7m	Completed									IP	COS

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Box Culverts (New/Re-construction)													Progress Upto : 2/28/2022		
Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Top Slab	Crash Barrier / Parapet	Fly Back Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	5+510	5+511	1x5m	Completed											Re-construction
2	8+192	8+194	1x2m	Completed											Re-construction
3	12+380	12+380	1x2m	Completed											Additional
**	13+000	13+000	1x2m	Deleted Due to CUP Construction (Descoped)											Additional
**	13+570	13+569	1x2m	Deleted Due to CUP Construction (Descoped)											Additional
4	14+453	14+460	1x2.5m	Completed											Re-construction
5	16+791	16+798	1x1.5m	Completed											Re-construction
6	19+433	19+441	1x3m	Completed											Re-construction
7	20+049	20+058	1x2m	Completed											Re-construction
8	21+510	21+509	1x2m	Completed											Additional
9	22+597	22+607	1x1.5m	Completed											Re-construction
10	22+911	22+919	1x1.5m	Completed											Re-construction
11	23+975	23+985	1x2m	Completed								Completed	IP	Completed	Re-construction
12	24+142	24+152	1x1.5m	Completed											Re-construction
**	30+900	30+903	1x2m	Not Required As per Site Condition (Descoped)											Additional
13	33+400	33+403	1x2m	Completed											Additional
14	35+700	35+713	1x1.5m	Completed											Re-construction
15	36+200	36+203	1x2m	Completed											Additional
16	42+826	42+842	1x2m	Completed											Re-construction
17	50+576	50+595	1x3m	Completed											Re-construction
18	54+560	54+563	1x2m	Completed											Additional

Reconstruction Culverts = 13 Nos

Additional Culverts = 5 Nos

Total = 18 Nos

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status of Hume Pipe Culverts										Progress Upto : 2/28/2022				
SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Laying	Pipe Without Encasing		Quadrant Pitching	Flexible Apron	Remarks
				Exca- vation	PCC	1st Lift	2nd Lift	Final lift		Exca- vation	Pipe Bedding by GM			
1	2+760	2+799	1x1200mm	Completed						With Encasing		Completed		Additional
2	6+301	6+301	1x1200mm	Completed						With Encasing		Completed		Re-construction
3	6+609	6+609	1x1200mm	Completed						Without Encasing		Completed		Re-construction
4	7+511	7+525	1x1200mm	Completed						Without Encasing		Completed		Re-construction
5	9+258	9+261	1x1200mm	Completed						Without Encasing		Completed		Re-construction
6	9+677	9+677	1x1200mm	Completed						Without Encasing		NR		Re-construction
7	10+700	10+703	1x1200mm	Completed						With Encasing		Completed		Re-construction
8	13+720	13+719	1x1200mm	Completed						Without Encasing		Completed		Additional
9	15+593	15+600	1x1200mm	Completed						With Encasing		Completed		Re-construction
10	16+183	16+170	1x1200mm	Completed						Without Encasing		Completed		Re-construction
11	16+984	16+991	1x1200mm	Completed						Without Encasing		Completed		Re-construction
12	18+050	18+057	2x1200mm	Completed						Without Encasing		Completed		Re-construction
13	24+365	24+376	1x1200mm	Completed						With Encasing		Completed		Re-construction
14	26+440	26+443	1x1200mm	Completed						With Encasing		Completed		Additional
15	28+440	28+443	1x1200mm	Completed						With Encasing		Completed		Additional
16	30+705	11+269	1x1200mm	Completed						With Encasing		Completed		Shifted to Ch.11+269
17	46+918	46+939	1x1200mm	Completed						With Encasing		Completed		Re-construction

Reconstruction Culverts = 13 Nos

Additional Culvert = 4 Nos

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93
from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status of (Widening+Repair) of Minor Bridge											Progress Upto : 2/28/2022			
SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Side Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall/ Return Wall	Rigid Apron	Flexible Apron	Remarks
1	1+400	1+399	1x8.8m	Completed										
2	7+160	7+162	2x6.3m+1x6.6 m =19.20m	Completed										
3	49+409	49+426	1x7.2m+1x7.6m+1 x6.1m =20.90 m	Completed										

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Box / Slab Culverts (Widening & Repairing)

Progress Upto :

2/28/2022

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Exca - vation	PCC	Raft	Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
**	1+769	1+768	1x1.8m	Widening Not Required (Descoped)										Box Culvert
**	3+170	2+692	1x2m	Widening Not Required (Descoped)										Box Culvert
1	3+441	3+441	1x2m	Completed										Box Culvert
2	4+139	4+140	1x1.5m	Completed										Box Culvert
**	7+865	7+865	1x2m	Descoped As per Site Condition										Box Culvert
3	11+303	11+306	1x2m	Completed										Slab Culvert
4	11+878	11+881	1x2m	Completed										Box Culvert
5	17+362	17+368	1x4m	Completed										Box Culvert
6	20+817	20+826	1x2m	Completed										Box Culvert
7	27+984	27+993	1x1.5m	Completed										Box Culvert
8	29+174	29+183	1x2m	Completed										Box Culvert
9	32+134	32+146	1x4m	Completed								C (LHS)		Box Culvert
10	37+936	37+950	1x4m	Completed										Box Culvert
11	38+817	38+831	1x2m	Completed										Slab Culvert
12	39+487	39+501	2x1.8m	Completed										Slab Culvert
13	40+675	40+690	1x1.5m	Completed										Box Culvert
14	41+177	41+189	1x2m	Completed										Slab Culvert
15	41+221	41+236	1x1.5m	Completed										Box Culvert
16	42+025	42+028	1x2m	Completed										Slab Culvert
17	42+598	42+614	1x2m	Completed										Slab Culvert
18	43+025	43+041	1x2m	Completed										Slab Culvert
19	43+188	43+204	1x4m	Completed										Box Culvert
20	44+155	44+171	1x4m	Completed										Slab Culvert
21	44+534	44+550	1x2m	Completed										Slab Culvert
22	44+971	44+987	1x1.8m	Completed										Slab Culvert
23	45+536	45+553	1x2m	Completed										Slab Culvert

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Box / Slab Culverts (Widening & Repairing) **Progress Upto : 2/28/2022**

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Exca - vation	PCC	Raft	Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
24	46+058	46+075	1x2m	Completed										Slab Culvert
**	47+267	47+284	1x1.5m	Widening Not Required (Descoped)										Box Culvert
25	48+117	48+134	1x2m	Completed										Box Culvert
26	48+873	48+890	1x1.5m	Completed										Slab Culvert
27	50+015	50+033	1x2m	Completed										Box Culvert
28	51+466	51+484	1x1.5m	Completed										Box Culvert
29	53+777	53+796	1x1.5m	Completed										Box Culvert
30	55+404	55+425	1x1.5m	Completed										Box Culvert (Only LHS Widening)
31	57+864	57+884	1x1.5m	Completed										Box Culvert

Work Status : HP Culverts (Widening & Repairing)

SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Wthout Encasing		Pipe Laying	Quadrant Pitching	Flexible Apron	Remarks	
				Excav-ation	PCC	Ist Lift	2nd Lift	Final Lift	Exca-vation	Pipe Bedding by GM					
1	46+189	46+204	1x1000 mm	Completed										C	Hume Pipe Culvert

Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh

Work Status : Minor Bridge Repairs **Progress Upto : 2/28/2022**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRAN-GEMENT	Details Of Work Done	Remarks
1	18+870	18+878	2x3.05m=6.10 m	Completed	Retained With Repair
2	34+042	34+054	2x2.55m+3m=8.10m	Completed	Retained With Repair
3	35+238	35+250	2x2.7m+1x3m = 8.40 m	Completed	Retained With Repair
4	39+835	39+850	2x2.75m+1x3.2m = 8.70 m	Completed	Retained With Repair
5	41+674	41+689	2x2.75m+1x3.2m = 8.70 m	Completed	Retained With Repair

Work Status : Culverts Repairs

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRAN-GEMENT	Details Of Work Done	Remarks
1	4+534	44+987	3x1.80m =5.40m	Completed	Arch Type Culvert
2	4+937	45+553	1x2.4m	Completed	Arch Type Culvert
3	7+849	7+851	1x4m	Completed	Slab Culvert
4	8+806	8+808	1x2m	Completed	Slab Culvert
5	10+214	10+216	1x1m	Completed	Slab Culvert
6	11+680	11+683	1x1.8m	Completed	Slab Culvert
7	44+059	44+075	1x2m	Completed	Slab Culvert
8	46+686	46+702	1x1.8m	Completed	Arch Type Culvert
9	56+136	56+156	1x1.5m	Completed	Slab Culvert
10	57+126	57+146	1x2m	Completed	Slab Culvert

Minor Bridges Repair	=	5	Nos
Culverts Repair	=	10	Nos
Total	=	15	Nos