

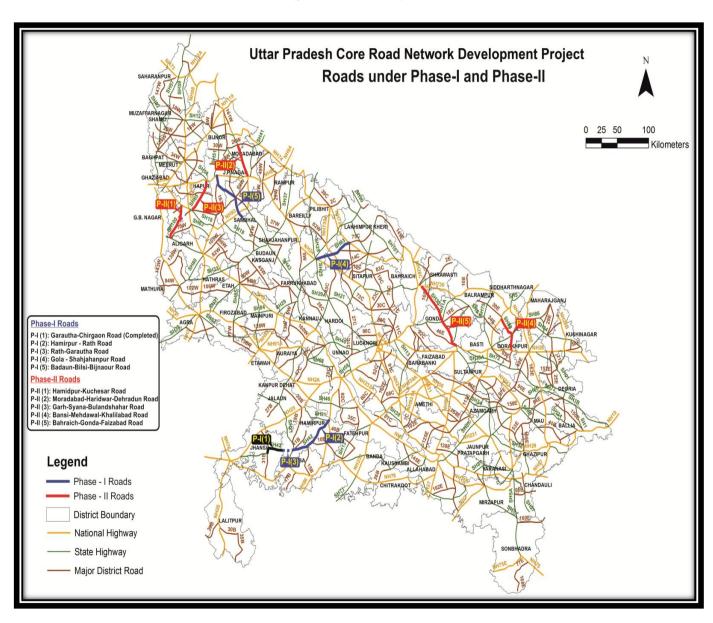
#### UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT

# PROJECT MANAGEMENT CONSULTANCY SERVICES FOR UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROGRAME

# 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 (O&M Period) REPORT No. 39 SEPTEMBER-2022









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APPENDIX B UPG-02 (ANNEXURE-A TO ANNEXURE-E)

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APPENDIX D UPG-04 (ANNEXURE- A TO ANNEXURE-E)





#### **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 7m.

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 8<sup>th</sup>August 2014 and it was agreed that the start date for the assignment shall be considered as 19<sup>th</sup>August 2014. The initial discussions were held on 14<sup>th</sup>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. 39** 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 ANDCONTRACT DOCUMENTATION





#### 3 PART- A

#### 3.1 Phase-I Roads

Roads considered under Phase-I for Part-A Component of PMC Services as per contract have been modified as under:

S.	Phase-I Road/Worl	ks as per C	ontract	Subsequent Roads/Works		
No.	Road Name	Category	Length (Km)	Revised	Design Length	Present Status
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 Maintenance
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 28Km of length as "Balrampur-Utraula-Faizabad Section" of SH-26 and SH-9 for the DPR works.

The Roads finalized under Phase-I 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 from 12 <sup>th</sup> July 2021
2	UPG-02	Garautha-Chirgaon	SH-42	49.145	189.99	Under O&M from 1 <sup>st</sup> November 2020
3	UPG-03	Gola-Shahjahanpur	SH-93	56.388	356.90	Under O&M from 15 <sup>th</sup> March 2022
4	UPG-04	Badaun-Bilsi-Bijnaour	SH-51	79.125	334.00	Under O&M from 10 <sup>th</sup> January 2022

The detailed project report of Phase-I Roads is given under Part-B Component.





SH-42 Missing Link Section Rath – Garautha (Approx.35.882Km) –2 Lane (Cost 277.75 INR Cr.)

- ➤ Bidding Document submitted on 20<sup>th</sup> February 2021
- ➤ Bidding documents of Missing Link approved by UPPWD & World Bank
- ➤ Bid was floated on 7<sup>th</sup> January, 2022, only one bid was received hence cancelled following Government Procurement Policy i.e. a minimum 3 responsive bidders required for opening of bids.
- ➤ Therefore Bid was refloated on 31<sup>st</sup> May, 2022; 3 bids received and all qualified after evaluating the Technical Part of the Bids.
- ➤ Technical Bid Evaluation Report sent to WB on 30.06.2022 for approval.
- Financial Tender has been opened on 20<sup>th</sup> September 2022
- ➤ Micro Plan of Missing Link for Jhansi Division submitted to UPPWD vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1921 Dated 26.08.2022. Approval accorded by the UPPWD vide letter No. 1851/EAP/MICROPLAN/CEWB/SOCIAL/2022 Dated 27.08.2022.
- ➤ Forest Proposal of Missing Link submitted to UPPWD vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1920 Dated 26.08.2022.

#### 3.2 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-II are as under:

	Phase – II Road/Works	<b>DPR Study</b>	Revealed			
Sl.No	Name of Road/work	Category	Length	Estimated Cost (INR Cr.)	Revised Length (km)	Revised Estimated Cost INR including 18% GST(Cr)
1	Moradabad-Haridwar- Dehradun Road	SH-49	36.000	356.40	36.275	528.26
2	Garh- Syana- Bulandshahar Road	SH-65	49.500	499.20	49.674	851.03
3	Baharaich - Gonda- Faizabad Road	SH-30	60.100	365.00	59.240	437.74
4	Hamidpur- Kuchesar Road	SH-100	47.500	289.20	19.078	180.25
5	Bansi-Mehndawal- Khalilabad Road	SH-88	32.000	193.10	28.880	257.06
	Total		225.100	1702.9	193.147	2254.34





#### **Phase-II Roads Progress**

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

	Proj	posed Pha	se-II Road	s	DPR Documents - Approval Status (By World Bank & PWD)					
S. No.	Roads	Category	Length (Km)	Total Project Cost (INR Cr.)	Proposed Lane	DPR (Detailed Engineering)	EIA/EMP	RAP (Social)	Bid Document	
1	Rath – Garautha Road (Missing Link)	SH-42	35.882	277.75	2 Lane	Approved	Approved	Approved	Approved	
2	Bansi- Mehdawal- Khalilabad	SH-88	28.870	257.06	2 Lane	Approved	Approved	Approved	Approved	
3	Bahraich- Gonda- Faizabad	SH-30	59.237	437.74	2 Lane	Approved	Approved	Approved	Approved	
4	Garh-Siyana- Bulandshahr Road	SH-65	49.674	700.74	4 Lane	Submitted	Submitted	Submitted	Submitted	
5	Moradabad- Haridwar- Dehradun	SH-49	36.170	444.95	4 Lane	Approved	Approved	Approved	Submitted	
6	Hamidpur- Kuchesar Road	SH-100	19.100	155.75	2 Lane	Submitted	Submitted	Submitted	Submitted	
	TOTAL 193.051 2273.99									

#### **Phase-II Roads - Forest Clearance**

The Status of progress of Pre-bid activities for Environmental Safeguard and Forest/ Environmental Clearance / Tree Cutting for roads under Phase-II is given in following tables:

	Environmental Clearance / Tree Cutting for foliase trials and in 1980 with a foliase for the cutting for foliase f									
Sl.	Proposed Phase-II Roads		FC/EC - Application and Approval Status (by MoEFCC)							
No.	Roads	Length (Km)	FC/EC	FC No.	PF Area (Ha)	RF Area (Ha)	Non- Forest (Ha)	Trees in PROW	Remarks	
1	Rath – Garautha Road (Missing Link) SH-42	35.882	FC Applicable			17.117	88.8566	2454	FC recommended by CF to Nodal Lucknow	
2	Bansi-Mehdawal- Khalilabad SH-88	28.870	Not Applicable	NA	0	0.000	4.8782	10880	Demand received; Payment to be made	
3	Bahraich-Gonda- Faizabad SH-30	59.237	FC Applicable	FP/UP/ROAD/ 147236/2021	82.7212	0.00	0.511	40946	Demand for payment is awaited	
4	Garh-Siyana- Bulandshahr Road SH-65	49.674	EC Applicable	To be Applied	26.984	0.000	34.474	11660/ 6995	Under Process	
5	Moradabad- Haridwar- Dehradun SH-49	36.170	FC Applicable	FP/UP/ROAD/1 53873/2022	35.624	0.000	12.895	7176	EDS raised on 31- 08-2022- for correction in uploaded KML File;	
6	6 Hamidpur- Kuchesar Road SH-100 Not NA Applicable		0	0.000	3.866	9630	Demand Payment done by PWD			
	TOTAL	228.933			146.3976	17.117	145.4808	82746/ 6995		





Note:	FC is not involved for SH-88 & SH-100, however to cut the affected trees Demand for payment is completed
	for both the roads. Such as for SH-100 Hamirpur-Kuchesar Road (FD, Gautam Budhha Nagar INR 60.73
	Lac; FD, Bulandshahr INR 608.53 Lac) and for SH-88 (Bansi-Mendhwal-Khalilabad Road (FD-Siddhartha
	Nagar INR 267.27; FD-Sant Kabir Nagar INR 69.36).

#### Phase-II Roads - Status of Social Safe Guard

#### 1. Submission and Approval of RAP/SMP

Sl. No.	Phase-II Roads	Submitted to IER by EGIS	Comments Received from IER	Revised Report to IER	IER Clearance	Approval of UP PWD	Approval of the World Bank
1.	Bahraich-Gonda- Faizabad Road (SH-30)	9 <sup>th</sup> March 2021	3 <sup>rd</sup> May, 2021	25 <sup>th</sup> June, 2021	22 <sup>nd</sup> July, 2021	30 <sup>th</sup> July, 2021	09 <sup>th</sup> August, 2021
2.	Bansi-Menhdawal- Khalilabad Road (SH-88)	9 <sup>th</sup> March 2021	3 <sup>rd</sup> May, 2021	25 <sup>th</sup> June, 2021	12 <sup>th</sup> July, 2021	30 <sup>th</sup> July, 2021	09 <sup>th</sup> August, 2021
3.	Rath- Garautha Road (Missing Link) (SH-42)	13 <sup>th</sup> May, 2021	27 <sup>th</sup> May, 2021	7 <sup>th</sup> July, 2021	22 <sup>nd</sup> July, 2021	30 <sup>th</sup> July, 2021	09 <sup>th</sup> August, 2021
4.	Moradabad- Haridwar- Dehradun Road (SH-49)	9 <sup>th</sup> March, 2021	3 <sup>rd</sup> May, 2021	13 <sup>th</sup> July, 2021	22 <sup>nd</sup> July, 2021	30 <sup>th</sup> July, 2021	08 <sup>th</sup> February, 2022
5.	Garh-Siyana- Bulandshahr Road (SH-65)	24 <sup>th</sup> May, 2021	31 <sup>st</sup> May, 2021	18 <sup>th</sup> July, 2021	22 <sup>nd</sup> July, 2021	30 <sup>th</sup> July, 2021	08 <sup>th</sup> February, 2022
6.	Hamidpur- Kuchesar Road (SH-100)	7 <sup>th</sup> June, 2021	22.07.2021	09.08.2021	17 <sup>th</sup> August, 2021	30 <sup>th</sup> August, 2021	08 <sup>th</sup> February, 2022

#### 2. Status of Pre Activities

Status of Land Acquisition of – Missing Link (SH 42)

Sr. No.	District	Tehsil	No. of Villages affected	Land to be acquired (Ha)	No. of TH	Date of meeting of district Committee on land proposal	Approval of land acquisition proposal from Committee	Status of executio n of sale deed	Target Date	Remarks
1	Hamirpur	Rath	13	52.044	874	30.08.2022	07.10.2022	(Submissi on of microplan from NGO is awaited)	-	Proposal has been approved by the District Land Price Fixation Committee





2	Jhansi	Garaut ha	4	16.419	408	22.06.2022	12.07.2022	30	30.11.2022	Covered 100 numbers of titleholders
	Total		17	68.463	1282	-	-	30	-	-

Note: Non-Titleholder and CPR - Updated data to be jointly verified

#### Status of Land Acquisition of Phase-II Roads - SH 88,30,49,65 and 100

Sr. No	Road No	District	Tehsil	No. of Villages affected	Land to be acquired (Ha)	No. of TH	Verification	Submission of updated data by Rev Dept to PWD	Signing of Sahmati Patra from THs	Date of meeting of district to Committee on land proposal	Approval of land acquisition proposal from Committee	Target date/Remarks	
1	SH 88	Siddharth Nagar	Banai	7	0.961	192	Completed	03.09.2022	75%	-	-	30.10.2022 (For approval of land proposal) and 30.11.2022 (For completion of registries)	
2	51100	Sant Kabir Nagari	Menhdawal	12	2.2423	720	Completed	04.09.2022	78%	-	,	30.10.2022 (For approval of land proposal) and 30.11.2022 (For completion of registries)	
3		Bahraich	Bahraich	3	0.209	63	Completed	-	-	-	-	As reported by NGO, private land is not required	
4	SH 30	Gorda	Gonda	2	0.259	11	Completed	Completed	Completed	20.10.2022	-	30.10.2022 (For approval of land proposal) and 30.11.2022 (For completion of registries)	
5	SH 49	Moradabad	Moradabad/ Kauth	18	11.011	866	In progress	ı	ı	•	•	Out of 18 villages joint verification has been completed for 8 number of villages	
6	SH 65	Bulandshahr	Bulandshahr	26	28.647	828	In progress	•	1	•	-	Work not yet started physically	
7		Hapur	Garhmukteswar	8	4.106	355	In progress	•	•	-	-	work not yet started physically	
8	SH 100	Bulandshahr	Sikandrabad	8	3.866	323	In progress	-	-	-	-	Work not yet started physically	
			Total	84	51.301	3358							

Notes: # SH 88 and 30 verified data of Non-Titleholder and CPR submitted by the NGO and joint verification of same is scheduled on 28.10.2022.

# SH 65, 49 and 100 verification of Non-Titleholder and CPR by NGO is in progress.

#### **Phase-II Roads Meetings**

<u>02.09.2022-</u> Meeting regarding Review of preconstruction activities of Forest Clearances of **Phase-II Roads** and **Present Status of Stage-2 Forest Clearances/Falling of Trees/Approval of Phase-I Roads** (Stage-2 Forest Clearances of Hamirpur-Rath and Badaun-Bilsi-Bijnaour Road received on 05.07.2022) held on 02.09.2022 and Meeting Minutes(MoM) issued by UPPWD vide letter No. 1924/Meeting/CEEAP/2022 Dated 02.09.2022.

<u>02.09.2022-</u> Meeting regarding Review of preconstruction activities of Land Acquisition of **Missing Link and Phase-II Roads** held on 02.09.2022 and Meeting Minutes(MoM) issued by UPPWD vide letter No. 1934/Meeting/CEEAP/2022 Dated 02.09.2022.

<u>06.09.2022</u> Meeting regarding review of pre-construction activities of **Missing Link** held on 06.09.2022 and Meeting Minutes(MoM) issued by UPPWD vide letter No. 845 C/08C-WBPCK/2022 Dated 06.09.2022. Meeting attended by Environmental Expert Mr. Dev Brat Singh.





#### Phase-II Roads Site Visits Carried out during the Month

<u>05.09.2022</u> and <u>06.09.2022</u>- Visit carried out by the Environmental Expert Mr. Dev Brat Singh to attend Meeting regarding review of pre-construction activities of **Missing Link** held on 06.09.2022 at PWD Inspection House, Hamirpur. Requisite Compliance of DFO, Hamirpur prepared and submitted by the Environmental Expert Mr. Dev Brat Singh on 06.09.2022.

<u>12.09.2022</u> to <u>16.09.2022</u>- Visit carried out by the Environmental Expert Mr. Dev Brat Singh for Missing Link Project Road (SH-42) in order to submit revised Forest Proposal to DFO, Hamirpur and Jhansi Divisions and liaisoning with Ranger Officer for preparing plantation scheme in both the Divisions.

<u>26.09.2022</u> to <u>29.09.2022</u>- Visit carried out by the Environmental Expert Mr. Dev Brat Singh for Missing Link Project Road (SH-42) in order to liaisoning with both the Forest Divisional offices for signing the Forest Proposal and to recommending to concerned conservator of Forest for further approval granting Stage-I Clearance.

#### 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 Management Program all reports of Phase-II Roads were submitted on 18<sup>th</sup> November 2021.





# 5. Financial Progress of Consultant (PART-B)

Financial Expenditure of PMC Services up to September-2022

PART-B Up to September 2022 (INR) - CLAIMED AMOUNT

SI 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	8,22,86,700	9,03,54,046	6,51,47,281	2,52,06,765
2	Remuneration for Non- Key Professionals	18,79,38,800	14,74,53,510	8,55,75,470	6,18,78,040
3	Reimbursable Expenses	4,46,07,516	4,83,63,117	2,94,35,316	1,89,27,801
	Total	31,48,33,016	28,61,70,673	18,01,58,067	10,60,12,606
4	Escalation			4,41,09,089	
	Grand Total	31,48,33,016	28,61,70,673	22,42,67,156	





#### **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/0 2/2014	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/0 1/2018	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/0 3/2018	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/0 4/2018	M/s GAWAR Construction Ltd.	334.00	79.125	04-11-2019
	TOTAL			1143.28	258.59	





#### 8. Construction/O&M 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	
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	
Provisional Completion Certificate	12-07-21	-	-	-	
Actual Completion Date	12-08-21	31-10-20	15-03-22	10-01-22	
Maintenance Period Start date	12-07-21	01-11-20	15-03-22	10-01-22	
O&M Period including Defect Liability Period (DLP)	11-07-26	31-10-25	14-03-27	09-01-27	
NOTE:	DLP for UPG-02 Item 31 <sup>st</sup> December 2021 with		was only for one yeard of two months.	which completed on	

#### 9. Description of Works

The works of Phase-I contract packages were completed under Engineering and Procurement mode of Contract except for Package UPG-02 which was executed on Unit Rate (BOQ) contract. Contracts utilized both new and existing alignments. The work were 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.





### 10. Design & Drawings of EPC Packages

The Status of As Built Drawings for Phase-I Roads are as below:

			Status of As Built Drawings			
Name of Road/ Work	Contractor	Length (Km)	Submitted by Contractor	Approved by PMC& Submitted to Authority		
Hamirpur-Rath SH-42 (UPG-01)	M/s GHV (India) Pvt. Ltd.	72.785	12.02.2022	17.05.2022		
Garautha-Chirgaon SH-42 (UPG-02)	M/s NKC Projects Pvt. Ltd.	49.145	29.12.2020	31.12.2020		
Gola-Shahjahanpur SH-93 (UPG-03)	M/s APCO Infratech Pvt. Ltd.	57.535	Draft Copy of Structures and Plan & Profile Drawings reviewed by the AE and observations notified to the Contractor for incorporation. Also instructed to submit Highway Drawings for AE's review after checking by the Design Consultant. Resubmission Awaited.	-		
Badaun-Bilsi- Bijnaour SH-51 (UPG-04)	M/s GAWAR Construction Ltd.	79.125	Draft Copy of Highway, Structures and Plan & Profile Drawings reviewed by the AE and observations notified to the Contractor for incorporation. Also instructed to submit Highway, Structures and Plan & Profile Drawings for AE's review after checking by the Design Consultant. Resubmission Awaited.	-		





#### 11. Highway Details

At present the civil construction works are completed on Phase-I Contract Packages. Project Highway taken-up for O&M Activities are presented in Table below:

Project Highway Roa	d Section:								
Project Road	UPG-01: Hamirpur-Rath SH-42		Gara	UPG-02: Garautha- Chirgaon SH-42		UPG-03: Gola- Shahjahanpur SH- 93		UPG-04: Badaun- Bilsi-Bijnaour SH- 51	
Contractor	M/s GHV (India) Pvt. Ltd.		M/s NKC Projects Pvt. Ltd.		M/s APCO Infratech Pvt. Ltd.		M/s GAWAR Construction Ltd.		
Pavement	Length (	(in Km)	Length	Length (in Km)		(in Km)	Length	(in Km)	
Project Length	As per CA	Revised	As per CA	Revised	As per CA	Revised	As per CA	Revised	
Flexible Pavement/Widening and Strengthening of Existing Road/new 2-lane realignment	55.85	55.136	49.145	49.145	57.535	56.388	79.125	79.125	
Rigid Pavement: Reconstruction / New 2-lane realignment / bypass	16.935	16.935	0.000	0.000	0.000	0.000	0.000	0.000	
Total	72.785	72.071	49.145	49.145	57.535	56.388	79.125	79.125	
Length for O&M	for O&M 72.071		49.145		56.388		78.309		

Note: At four locations on Project Highway of UPG-04 Minor Bridge/Culvert construction across the road has been carried out by the Irrigation Department. Client through MOU has assigned the maintenance responsibility for affected 816 Rm length of completed project highway to the Concerned Agency (Irrigation Department).

#### 12. Structure Details:

Project Road - Completed Structures:									
Project Road	SH-42 Chirgaon SH-42  M/s GHV (India) M/s NKC		Gara	Garautha-		UPG-03: Gola- Shahjahanpur SH-93		UPG-04: Badaun-Bilsi- Bijnaour SH-51	
Contractor			Infrate	APCO ech Pvt. td.	M/s GAWAR Construction Ltd.				
Type of Structures (In Nos.)	As per CA	Revised	As per CA	Revised	As per CA	Revised	As per CA	Revised	
Major Bridges (Reconstruction)	0	0	0	0	1	1	0	0	
Minor Bridges (Reconstruction)	1	4	5	5	4	4	2	2	
Box Culverts (Reconstruction)	38	43	47	46	21	18	11	11	
HP Culverts (Reconstruction)	34	36	25	29	17	17	69	69	





Minor Bridge (Widening +Rep.)	3	0	1	1	3	3	1	1
Culverts (Widening +Rep.)	29	28	17	13	36	32	19	18
Repair of Structures	21	18	4	4	15	18	4	4
Wild Animal Under Pass	0	0	0	0	0	3		0
Slab Culverts (Reconstruction)	0	0	0	0	0	0	6	6
Total	126	129	99	98	97	96	112	111

#### 13. Financial Progress



Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)		Remarks
Garautha-Chirgaon (BOQ)(Revised Cost) Part-1	183.92	183.92	IPC-24	Excluding Maintenance (Statement at Completion)
Hamirpur-Rath (EPC) (Revised Cost)	275.65	275.65	IPC-18	Final IPC
Gola-Shahjahanpur Road (EPC)	356.9	345.01	IPC-16	
Badaun-Bilsi-Bijnaour (EPC)	334.08	332.76	IPC-18	
TOTAL (In Crore)	1150.55	1113.92		

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

#### a. Meeting/Training held during the Month

<u>02.09.2022-</u> Meeting regarding **Present Status of Stage-2 Forest Clearances/Falling of Trees/Approval of Phase-I Roads** (Stage-2 Forest Clearances of Hamirpur-Rath and Badaun-Bilsi-Bijnaour Road received on 05.07.2022) held on 02.09.2022 and Meeting Minutes(MoM) issued by UPPWD vide letter No. 1924/Meeting/CEEAP/2022 Dated 02.09.2022.





<u>24.09.2022-</u> Maintenance Review Meeting under the Chairmanship of Team Leader, UPCRNDP for all Four Project Roads (UPG-01/UPG-02/UPG-03 &UPG-04) held on 24.09.2022 at Team Leader Office 2:30PM. Contractor's Representative of NKC, GHV, APCO and GAWAR attended meeting. Minutes of Meeting Dated 24.09.2022 issued vide Egis letter Egis India/LKO/UPCRNDP/ 2022/1978 Dated 28.09.2022.

#### b. Site Visits Carried out during the Month

<u>05.09.2022</u>- Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Garatha-Chirgaon Project Road and Site Inspection Report issued to the Contractor (NKC) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1945 Dated 08.09.2022.

<u>06.09.2022</u>- Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Hamirpur-Rath Project Road and Site Inspection Report issued to the Contractor (GHV) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1944 Dated 08.09.2022.

<u>08.09.2022</u>- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak, for Hamirpur-Rath Project Road and Occupational Health & Safety (OH&S) Site Inspection and Observation Report issued to the Contractor (GHV) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1951 Dated 12.09.2022.

<u>09.09.2022-</u> Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Gola-Shahjahanpur Project Road and Site Inspection Report issued to the Contractor (APCO) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1949 Dated 12.09.2022.

<u>14.09.2022</u>- Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Badaun-Bilsi-Bijnaour Project Road and Site Inspection Report issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1964 Dated 16.09.2022.

<u>30.09.2022</u>- Deputy Team Leader Mr. Sarwan Singh visited Varanasi to attend Workshop for PPP on 30.09.2022.

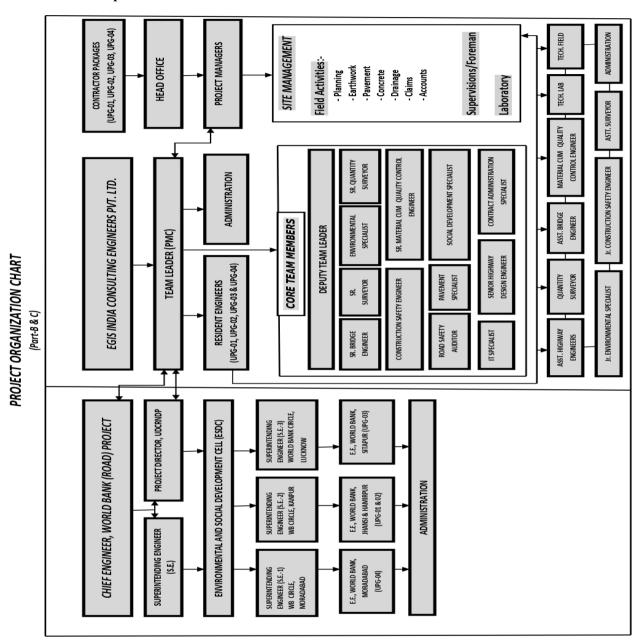
#### 15. Correspondence Management

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





#### 16. Construction Supervision Consultant's Mobilization



#### a. 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:





#### b. Consultant's Mobilization

#### i. 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 LEAD	_ ` /	ICE	
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)	-	10		Part-C Services (Existing Staff of EGIS)
IT Specialist	Mr.Sanjay Ayyangar	36	10.09.19	Part B & C Services
Social Development Specialist	-	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	-	45.5		
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 RanjanVerma	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. Rahul Kannojiya	72	01.07.22	

Notes: Project Works of all 4 Civil Contract packages are completed and O&M Phase started.





#### ii. 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 :	TEAM LEADER'S OFFICE (LUCKNOW)						
1	MARAZZO	UP-32 LN 6457	13.08.2019				
2	TATA AMAZE	UP-32 RN 6588	23.07.2018	UP-32 RN 6588			
CONTR	CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH						
3	Dzire	UP-93 AR 8893	01.05.2020				
CONTR	CONTRACT PACKAGE – UPG/03 GOLA – SHAHJAHANPUR & UPG/04 BADAUN –						
BILSI – BIJNAOUR							
4	BOLERO	UP-23 AF 6502	01.09.2022				

#### iii. 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, GomtiNagar, Lucknow, UP-226010, Phone: 0522 - 4952905,

Email: egis\_upcrndp@egis-india.com; ayaz.b@egis-india.com

#### **Site Office Addresses:**

The supervision of Maintenance works for all four completed Phase-I roads is now being monitored with limited Field staffs by the single Resident Engineer from Team Leader Office, Lucknow from 01.05.2022 with assistance of TL and staffs.

Contract Package- UPG/02
<b>Garautha–Chirgaon Section of SH-42</b> Project Site office and Staffs (Except AHE) are demobilized from 31 <sup>st</sup> December-2020.
Contract Package – UPG/04
Badaun-Bilsi-Bijnaour Section of SH-51
Project Site office and Staffs (Except AHE) are
demobilized from 1 <sup>st</sup> February-2022.
[





#### **CONTRACT PROJECT ACTIVITIES**

#### 17. CONSTRUCTION PACKAGE -UPG-02

#### a. 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 INRs 189,99,99,491.00. The Contract Agreement No.100/UPCRNDP/CEEAP/2016-17 was signed on 4<sup>th</sup> January 2017.

The project works are divided into two parts,

PART-1 Completed on 31<sup>st</sup> 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 1<sup>st</sup> November 2020

Contractor has been reminded to prepare and submit Addendum/Supplementary Agreement for the Extension of Contract Period vide our letter no. Egis India/LKO/UPCRNDP/2022/1929 Dated 30.08.2022, however submission is awaited till date.

This Monthly Operation and Maintenance Report cover the Month of September 2022 and summarize the activities up to end of this month.

Contract Package	UPCRNDP/UPG/02/2014 Garautha-Chirgaon Road (SH-42)			
Contract Package	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	
Scheduled Completion Date (As per CA)	14-01-2020	14-01-2025	5 Years for Part-2 works including 1 yrs. of DLP	
Actual Start Date	15-01-2018	01-11-2020	Part-1 works delayed by 9.5	
<b>Actual Completion Date</b>	31-10-2020	31-10-2025	months for completing additional works at Vill-Gursarai and Sultanpura;	

- ➤ Part-1 works are completed on 31<sup>st</sup>October 2020 and Part-2 O&M works commenced on 01<sup>st</sup>November 2020.
- ➤ Contractor's DLP responsibility was up to 31<sup>st</sup> October 2021(from the completion date of part-I works) however extended DLP was completed on 31<sup>st</sup> December 2021 and the Defect Liability Certificate (DLC) issued to the Contractor vide Engineer's letter No. Egis India/HO/UPCRNDP/78573/2022 Dated 17.01.2022.
- > The responsibility of routine maintenance will be continued till 31<sup>st</sup>October 2025.





#### b. Salient Features of Contract

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

The works were executed under FIDIC (5<sup>th</sup> 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:**

The supervision of Maintenance works is being monitored by the Resident Engineer from Team Leader Office, Lucknow from 01.05.2022 with assistance of TL and staffs.

#### **Staff Mobilization**

Asst. Highway Engineer: Mr. Sanjeev Sharma (at Project Site)

#### **Operation and Maintenance Centre Establishment**

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)

#### List of Contractor Staff Mobilized for Maintenance Period

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

#### 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

#### Correspondence during O&M Period

Resident Engineer for Maintenance Team is monitoring the scheduled Maintenance activities of the package from 1<sup>st</sup> May'22 with the help of AHE based at UPG-02 project site. Consultants visit the project site of Garautha-Chirgaon Road on regular intervals and notify the observations (along with photographs) for immediate rectifications in writing with evidence/photos. The Contractor is responsible for the DLP/maintenance period for 5 years

#### **Materials**

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





#### 18. Work Progress

#### i. Design and Drawings

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

#### ii. Maintenance Work Programme

The Contractor's Maintenance program as per Clause A-1.4 for the month of October 2022 will be submitted for AE's review.

#### iii. Monthly Maintenance Payment Certificate

The Contractor has submitted Maintenance Payment Certificate No. 09 vide his letter Nos. NKC/HO/GC/2022-23/004 Dated 19.09.2022 and recommended by TL office on Dated 20.09.2022 vide letter No. Egis India/LKO/UPCRNDP/2022/1969 of IPC-09 respectively up to the August 2022.

PMC instructed Contractor to submit the Maintenance Payment Certificate as per Special Conditions of Contract (SCC) Clause 42.7 of Contract Agreement.

#### iv. 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

#### v. 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.

#### vi. Meetings & Site Inspections

- Regular Site Visits are being conducted by AE and Inspection reports were sent with observations to the Contractor in order to conform the safety of road users.
- ➤ Site visit carried out by the Resident Engineer Mr. Anjani Kumar and Sr. Bridge Engineer on dated 05.09.2022 and Inspection and Observations Report issued to the Contractor for compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1945 Dated 08.09.2022.
- ➤ Site visits carried out by the SE/EE/AE/JE P.W.D. and AHE, Egis on dated 30.09.2022.





#### vii. Key Issues

- ➤ Contractor strictly instructed to ensure that the 2 Nos. Toilet Blocks at Truck Lay Byes must be functional 24X7 with running water and Power.
- ➤ At Ch. 139+600, the Jal Nigam Department is constructing a box culvert for irrigation canal crossing by demolishing the newly constructed road. This has been intimated to the Authority and to the Concerned Department of UP Govt. for further necessary action. The Excavation by External Agency is up to 15m in depth, which causes disturbance to the adjacent part of the Project Road. The Road Project Contractor of UPPWD will NOT be responsible for maintenance of this section of road, which has to be maintained by the Irrigation Dept. and a MOU has been agreed by all parties. The AE has written to the Client expressing the safety concerns due to embankment height increased to almost 15 mtrs and therefore, the Irrigation Department Contractor must provide all safety measures for this section of road to prevent fatal accidents. The above stretch opened for the traffic on Granular without Paving of Bituminous Layer and Safety Measures.
- ➤ The Contractor has taken temporary measures to seal the Longitudinal minor Cracks developed in the paved shoulder from Ch.120+800 to Ch.124+650 for which the Contractor to submit methodology and sealant material for permanent repair immediately after rainy season.
- ➤ Concrete Crash Barrier painted over by Local Residents at many locations to be repainted black and white as per Contract requirement for structure visibility for safety of road users.
- Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client UPPWD/PMC immediately to prevent serious accidents by removing these hazards. UPPWD Representatives to bring to the attention of District Magistrate for urgent action and similar action is required for any encroachments by local residents setting up stalls for selling fruit vegetables etc.
- Faded Road Marking at various locations of highway to be carried out in order to guide the traffic and safety of road user to prevent accident which is in progress but due to rainy season Contractor unable to expedite the road marking and complete all ASAP as the rain will be receding in the m/o October and November 2022.

#### viii. Weather

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





#### 19. CONTRACT PACKAGE UPG-01

#### a. 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 (PWD Km 2.065) to Ch.74.850 (PWD Km 74.255) 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 19<sup>th</sup>June 2019 and the EPC Contract Amount is of **INRs 262,39,50,000/-** (Rupees Two Hundred Sixty-Two Crore Thirty-Nine Lac Fifty Thousand Only). The Revised Completion cost of Project of Civil Works is of **INRs. 275,65,00,741/-** (Rupees Two Hundred and Seventy-Five Crore Sixty-Five Lakhs Seven Hundred Forty-One Only). The Total Maintenance Cost for 5 years is **Rs.10,33,68,778/-** (Rupees Ten Crore Thirty-Three Lakh Sixty-Eight Thousand Seven Hundred and Seventy-Eight Only).

This **Monthly Inspection Report** covers the Month of September 2022 and summarizes the activities up to end of this month.

Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreeme nt Date	Appointed Date (as per Contract)	Actual Completion Date	O&M Period/ DLP Period/ Commencement Date
UPCRNDP/UPG/0 1/2018 Hamirpur - Rath Road (SH-42)	72.785*	24 Months	19 <sup>th</sup> June 2019	25 <sup>th</sup> June 2019	12 <sup>th</sup> August 2021	5 Years/12 <sup>th</sup> July 2021

<sup>\*</sup>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.

Sl.	I. Affected Chainage		Affected Length (Mtr.)	Coxt Agency
No.	From	To	Affected Length (Mtr.)	Govt. Agency
1	63.026	63.740	714	UPEIDA
Total Length in Mtr.		714		

The commencement of Maintenance has been started on 12<sup>th</sup> 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).

Contractor submitted Addendum/Supplementary Agreement for the Extension of Contract Period forwarded to the Authority vide our letter No. Egis India/LKO/UPCRNDP/2022/1971 Dated 21.09.2022. Supplementary Agreement signed by booth the parties UPPWD and Contractor.

Authority Engineer has issued to the Contractor:

**Provisional Completion Certificate:** Authority Engineer issued Provisional Completion Certificate to Contractor vide letter Ref. No. Egis India/HO/UPCRNDP/71132/2021 Dated 13/07/2021 with effect from 12/07/2021.

**Project Completion Certificate:** Authority Engineer issued Completion Certificate to Contractor on vide letter Ref. no Egis India/HO/UPCRNDP/UPG-01/72578/2021 dated 16/08/2021 with effect from 12/08/2021.





Maintenance   commencing from the date of Provisional Completion Certificate (PCC) as	O&M Phase started from 12 <sup>th</sup> July2021
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Salient Features of the Contract is Enclosed, Refer Annexure-A- Contract Data.

#### b. 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 (1826 days) from the date of Provisional Completion Certificate.

#### c. Consultant Mobilization

The supervision of Maintenance works for all four completed Phase-I roads is now being monitored with limited Field staffs by the single Resident Engineer from Team Leader Office, Lucknow from 01.05.2022 with assistance of TL and staffs.

#### **Staff Mobilization**

Asst. Highway Engineer: Mr. Ravish Kumar (at Project Site)

#### d. Construction Activities: Focuses on O&M Works

#### i. Mobilization of Contractor

#### 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, KissanBandhu Campus, Ch. 52+800 LHS Muskara, Hamirpur – 210506 PH No. 7060099481

#### 2. Human Resources

Contractor has mobilized Key Staff as given below;

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

#### 3. Equipment and Machinery

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





#### 4. Material

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

#### e. Work Progress

#### i. Design and Drawings

Contractor has submitted "As Built Drawings" vide letter No.GHV/Site/SH-42/Rath/922 Dated 12.02.2022 which have been approved by the AE as all corrections and comments incorporated and submitted 1 copy of A2 size on Polyester paper to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1772 Dated 17.05.2022.

#### ii. Project Completion /Operation and Maintenance

Rev.01 O&M Manual received vide letter ref. GHV/Site/SH-42/Rath/829 dated 03<sup>rd</sup> June 2021 has been reviewed and approved by the PMC/AE vide letter ref. Egis India/LKO/UPCRNDP/2021/1324 Dated 15<sup>th</sup> June 2021. Final O&M Manual received from the Contractor (GHV) vide letter No. GHV/Site/SH-42/ Rath/829 Dated 09.07.2021 and submitted to the Authority vide letter No. Egis India/LKO/UPCRNDP/ 2021/1361 Dated 13.07.2021.

#### iii. Maintenance Work Programme

The Contractor's Maintenance program as per Clause 14.3 of Article 14 of Contract Agreement for the month of October 2022 will be submitted for AE's review.

#### iv. Monthly Maintenance Statement (MMS)

The Contractor has submitted the Monthly Maintenance Statement MMS 13 to MMS 14 (IPC 05 & 06) for the period from 1<sup>st</sup> July 2022 to 31<sup>st</sup> August 2022 vide letter No. GHV/site/SH-42/RATH/972 & 973 Dated 11.09.2022 and the same was certified and recommended to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1955 & 1956 Dated 14.09.2022.

Authority Engineer instructed Contractor to submit the Monthly Maintenance Statement as per Clause 19.6 of Contract Agreement.

#### v. **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.

#### f. Quality Control / Quality Assurance

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

#### g. Meetings & Site Inspections

- Regular Site Visits are being conducted by the AHE and Inspection reports with observations were issued to the Contractor in accordance to the conformity of Safe use of Project Highway.
- ➤ Site visit carried out by the SE/EE/AE/JE P.W.D., Resident Engineer, Maintenance Team Mr. Anjani Kumar & Sr. Bridge Engineer Mr. Rajiv Ranjan Verma on dated 06.09.2022 and Inspection and Observations Report issued to the Contractor for compliance vide Egis Letter No. Egis India/LKO/UPCRNDP/2022/1944 Dated 08.09.2022.





➤ Site visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak on dated 08.09.2022 and Occupational Health & Safety (OH&S) Site Inspection and Observation Report issued to the Contractor for compliance vide Egis Letter No. Egis India/LKO/UPCRNDP/2022/1951 Dated 12.09.2022.

#### h. Key Issues General Site Related Issues:

- ➤ Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client UPPWD/PMC immediately to prevent serious accidents by removing these hazards. UPPWD Representatives to bring to the attention of District Magistrate for urgent action and similar action is required for any encroachments by local residents setting up stalls for selling fruit vegetables etc.
- > Contractor instructed to expedite replanting of dead tree saplings work and ensure protection.
- ➤ Contractor to make visits to the community centres and give information regarding the employment opportunities for women on the completed highway project to increase the women worker numbers.
- ➤ Contractor reminded that all Maintenance Works on the Live Carriageway MUST be barricaded with plastic water filled barriers with all advance warning signs and a minimum of 2 flagmen to prevent fatal accidents and workers in the work zone MUST wear full PPE.
- ➤ The Contractor has been instructed to investigate further the Cracks developing in the Pavement Quality Concrete (PQC) and should submit a revised detailed Method Statement for repairing the cracks with alternative materials for durability.
- Reinstate the aprons of culverts with boulders at the inlets and outlets.
- Faded Road Marking at various locations of highway to be carried out in order to guide the traffic and safety of road user to prevent accident which is in progress but due to rainy season Contractor unable to expedite the road marking and complete all ASAP as the rain will be receding in the m/o October and November 2022.
- ➤ The Contractor instructed to make all 4 No's: Toilet Blocks functional 24X7 with running water and power and clean them regularly. However, the Contractor is to handover to the local municipality for keeping them open 24X7.

#### i. Weather

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





#### 20. CONTRACT PACKAGE UPG-03

#### a. 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 **INRs 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)	Actual Completion Date	O&M Period/ DLP Period/ Commencement Date
1	UPCRNDP/UPG/ 03/2014 Gola- Shahjahanpur Road (SH-93)	57.535*	24 Months	26 <sup>th</sup> June 2019	11 <sup>th</sup> November 2019	15 <sup>th</sup> March 2022	15 <sup>th</sup> March 2022

<sup>\*</sup> Revised length for Maintenance is 56.388 Km as 1147m length has been de-scoped by UPPWD due to overlapping of some sections of Proposed Road was completed by other Government Agency.

Sl. No.	Affected (	Chainage	Affected Length (Mtr.)	Govt. Agency	
51. 110.	From	To	Affected Length (Witt.)	Govi. Agency	
1	29.515	30.317	802	NH Division	
2	59.035	59.380	345	NH Division	
ı	Total Length in	Mtr.	1147		

The Cumulative Physical Progress achieved 100% on 15<sup>th</sup> March, 2022 and Financial Progress is 96.66% up to 12<sup>th</sup> March, 2022. The Authority Engineer issued to the Contractor the Completion Certificate on dated 15<sup>th</sup> March 2022 as all the works were completed within the Extension of Time granted to the Contractor (Via CE, PWD Email dated 20.06.2022) due to the Force Majeure Event caused by the Pandemic COVID-19.

Contractor submitted Addendum/Supplementary Agreement for the Extension of Contract Period forwarded to the Authority vide our letter No. Egis India/LKO/UPCRNDP/2022/1854 Dated 06.07.2022. Supplementary Agreement signed by booth the parties UPPWD and Contractor.

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. Also a major bridge with six spans total span width 116 m and 4 No: minor bridges with spans over 40 m to be reconstructed.

#### **b.** Salient Features

**Project Completion Certificate:** Authority Engineer issued Completion Certificate to Contractor on vide letter Ref. no Egis India/HO/UPCRNDP/UPG-03/81183/2022 Dated 29/03/2022 with effect from 15/03/2022.

Maintenance	Routine maintenance of the Project road for a period of 5 years	O&M Phase
& DLP	commencing from the date of Completion Certificate (CC) as per	started from
& DLP	Sub-clause 17.1.1 of Article 17 of Contract Agreement (CA).	15 <sup>th</sup> March 2022

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





### c. 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.

**Maintenance & DLP** involves protection, repair and maintenance of constructed road for 60 months which commenced from the date of issue of provisional Completion Certificate or from the date of Completion Certificate in case no Provisional Completion Certificate issued to Contractor as per Clause 17.1.1 of Article 17 of Contract Agreement.

For this package UPG-03, NO Provisional Completion Certificate was issued to the Contractor and Completion Certificate issued directly on 15.03.2022 after completion of Project in all respect therefore, 5 years maintenance period started from 15.03.2022

#### d. Consultant Mobilization

The Supervision of Maintenance Works for all four completed Phase-I roads is now being monitored with limited Field staffs by the single Resident Engineer from Team Leader Office, Lucknow from 01.05.2022 with assistance of TL and staffs.

#### e. Staff Mobilization

Asst. Highway Engineer: Mr. Ram Pratap Singh (at Project Site)

#### f. Construction Activities: Focuses on O&M Works

#### i. Mobilization of Contractor

#### 1. **Operation and Maintenance Centre Establishment**

Contractor has continued implementation of O&M Activities from his established Base Camp Office at Ch.39+600 LHS, Village-Kheriyaj at Lakhanpur.

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

#### 2. Human Resources

Contractor has mobilized Key Staff listed in table below;

Sl. No.	Designation	Name	Status
1	O&M In-charge	Mr. Sunil Rathor	Based at HO-Lucknow
2	O&M Engineer	Mr. Kuldeep Mohanto	Available at Project site
3	Admin Manager	Mr. Rakesh	Available at Project site
4	Highway Supervisor	Mr. Sandeep Yadav	Available at Project site
5	Highway Supervisor	Mr. Gaurav Shukla	Available at Project site





#### 3. Plant and Machinery

Contractor has started demobilization of following Construction Plants from Base Camp location Ch. 39+600 (LHS).

Sl. No.	Plant Mobilized	No.	Location	Make & Capacity	Status
1	Concrete Mix	01	Ch.39+600LHS	30Cum/Hr.	Idle/ dismantling
	Batching Plants				
2	Wet Mix Plant	01	Ch.39+600 LHS	160 TPH	Idle/ dismantling
3	Hot Mix Plant	01	Ch.39+600 LHS	200 TPH	Idle/ dismantling
4	Crushers	-	Not Established		NA

List of equipment which is available for O&M Period -Refer Annexure-B-Equipment & Machinery Details.

#### 4. Material

No Material Procurement needed at this stage. Sufficient materials stored at base camp center for maintenance activities.

#### g. Work Progress

#### i. Design and Drawing

Contractor has been reminded to re-submit the "As Built Drawing of Structures and Highway" vide letter No. Egis India/LKO/UPCRNDP/2022/1926 Dated 29.08.2022 after reviewing by the Design Consultant however re-submission is awaited till date.

#### ii. Maintenance Work Programme

The Contractor's Maintenance program as per Clause 14.3 of Article 14 of Contract Agreement for the month of October 2022 will be submitted for AE's review.

#### iii. Financial Progress

Contractor has submitted revised Final Payment Statement (IPC-17) vide letter No. APCO/WB-UPCRNDP/EGIS/ST/767 Dated 15.07.2022 without submitting rate analysis of Reclaimed Asphalt Pavement (RAP) material used in the project work. Contractor had been instructed to submit the rate analysis vide letter No. Egis India/LKO/UPCRNDP/2022/1879 Dated 27.07.2022 and Egis India/LKO/UPCRNDP/2022/1902 Dated 09.08.2022 which is awaited till date. Once the Final Bill submitted with rate analysis then the same shall be processed and recommended to the Authority by the AE.

#### iv. Monthly Maintenance Statement (MMS)

The Monthly Maintenance Statement MMS 05 to 06 for the period from 01st July'2022 to 31st August'2022 submitted by the Contractor vide letter No. APCO/WB-UPPWD/EGIS/ST/772 & 778 Dated 16.08.2022 & 07.09.2022 and the same was certified and recommended to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1976 Dated 27.09.2022.

#### v. Physical Progress

The physical Progress of Maintenance Activities is being monitored as per listed works Monthly Inspection and Maintenance Program. **Refer Annexure-C.** 





# Further Progress details presented in: Annexure-D, Logistic Plan for O&M Phase

#### h. Meetings & Site Inspections

- ➤ Daily Routine Site Inspection for monitoring maintenance works carried out by AHE with Contractor's Field Staff.
- > Site visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar & Sr. Bridge Engineer Mr. Rajiv Ranjan Verma on dated 09.09.2022 and Inspection and Observations Report issued to the Contractor for compliance vide Egis Letter No. Egis India/LKO/UPCRNDP/2022/1949 Dated 12.09.2022.

#### i. Key and Potential Issues

- ➤ Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client UPPWD/PMC immediately to prevent serious accidents by removing these hazards. UPPWD Representatives to bring to the attention of District Magistrate for urgent action and similar action is required for any encroachments by local residents setting up stalls for selling fruit vegetables etc.
  - > The Contractor to carry out regular inspection jointly with AE and take action for clearing any debris and report any unusual occurrence on daily basis.
  - ➤ The Contractor instructed to submit the AS BUILT DRAWINGS (ABD) in accordance with Contract Agreement (2 copies of A2 Size on Polyester paper). Earlier Contractor has submitted ABD in A3 size on normal paper for AE's review, the same were reviewed and returned with comments. Contractor to incorporate the comments in the final ABD.
  - ➤ Contractor instructed to submit the Consolidated Waste Management Plan before final closure/expiry of land owner's agreement for both Camps.
  - Any Chain-link fence damaged in the Reserve Forest to be repaired immediately by the Contractor to prevent the Wild Animals crossing the live carriageway.

#### j. Weather Report

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





#### 21. CONTRACT PACKAGE UPG-04

#### a. 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 was signed on 5<sup>th</sup> July 2019 and the EPC Contract Price is **INRs 334,00,00,080.00.** 

**Note:** Revised length for Maintenance is 78.309 Km as 816 m length has been de-scoped from the Contractor's O&M Responsibility as the State Irrigation Department took permission from UPPWD for Construction and crossing the irrigation canals at 4 locations across the completed Project highway.

Sl. No.	Affected	Chainage	Affacted Langth (Mtn.)
51, 140,	From	To	Affected Length (Mtr.)
1	93.709	93.865	156
2	105.150	105.362	212
3	107.729	108.053	324
4	108.363	108.487	124
Total Length in Mtr.			816

This Monthly Inspection Report covers the activities up-to the current month.

Sl. No	Contract Package	Length (Km)	Completion Period (As per Contract)	Contract Agreement Date	Commencement Date (As per Contract)	Actual Completion Date	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 <sup>th</sup> July 2019	4 <sup>th</sup> November 2019	10 <sup>th</sup> January 2022	5 Years / 10 <sup>th</sup> January 2022 to 9 <sup>th</sup> January 2027

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

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

Maintenance &	Routine maintenance of the Project road for a period of 5 years commencing from the date of Completion Certificate (CC) as per Sub-	O&M Phase started from 10 <sup>th</sup>
DLP	clause 17.1.1 of Article 17 of Contract Agreement (CA).	January 2022.

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

Contractor submitted Addendum/Supplementary Agreement for the Extension of Contract Period forwarded to the Authority vide our letter No. Egis India/LKO/UPCRNDP/2022/1884 Dated 30.07.2022. Supplementary Agreement signed by booth the parties UPPWD and Contractor.





#### **b.** Salient Features

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

#### c. 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 Completion Certificate.

#### d. Mobilization of Consultant

The supervision of Maintenance works for all four completed Phase-I roads is now being monitored with limited Field staffs by the single Resident Engineer from Team Leader Office, Lucknow from 01.05.2022 with assistance of TL and staffs.

#### e. Staff Mobilisation

Asst. Highway Engineer: Mr. Pramod Kumar Singh (at Project Site)

#### f. Construction Activities: Focuses on O&M Works

**Mobilization of Contractor** 

#### 1. Base Camp Establishment

Contractor has continued O&M activities from the existing Base Camp Office which was established for Construction Phase at Ch.102+200LHS, Village-Dehpa.

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

#### 2. **Human Resources**

The Contractor mobilised key staff is listed in table below;

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

#### 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.

#### 4. Material

Sufficient materials are stored at O&M Center for Maintenance Activities.





#### g. Work Progress

#### i. Design and Drawings

Contractor has been reminded to re-submit the "As Built Drawing of Structures and Highway" vide letter No. Egis India/LKO/UPCRNDP/2022/1927 Dated 29.08.2022 after reviewing by the Design Consultant however re-submission is awaited till date.

#### ii. Maintenance Work Programme

Maintenance Program for the current month was received by AE as per Article 14.3 of Contract Agreement. AE has monitored the O&M activities as per Program.

#### iii. Financial Progress

Instructed Contractor to submit the Final Payment Statement for completed Civil Works as per the Contract Agreement vide our letter no. Egis India/LKO/UPCRNDP/2022/1822 Dated 11.06.2022 and Rate analysis of Reclaimed Asphalt Pavement (RAP) material used in the project work. Contractor had been instructed to submit the rate analysis; however submission is awaited till date.

#### iv. Monthly Maintenance Statement (MMS)

The Monthly Maintenance Statement MMS 01 to 02 for the period from 10<sup>th</sup> Janauary '2022 to 30<sup>th</sup> June '2022 submitted by the Contractor vide letter No. GCL/Camp/SH-51/BBB/2022/975 & 976 Dated 24.09.2022 has been under review of the Authority Engineer.

#### v. 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.

#### vi. Quality Control / Quality Assurance

Contractor instructed to submit the Consolidated Waste Management Plan before final closure/expiry of land owner's agreement for both Camps.

#### vii. Common Property Resources (CPRs)

Cost Estimate of 11 Nos. Common Property Resources (CPRs) Structures Amounting INR 37,25,115.00 (Thirty Seven Lacs Twenty Five Thousand One Hundred Fifteen Only) were reviewed and recommended to the Authority for approval as per the Annex-1(Schedule-B) Sub-Clause 17.1 & Article 9.2(a) of the Contract Agreement vide Egis Letter No. Egis India/LKO/UPCRNDP/2022/1612 Dated 02.02.2022 Dated 02.02.2022 and the same again requested to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1866 Dated 15.07.2022.

Approval accorded by the Authority for 11 Nos. Cost of CPRs vide UPPWD letter No. 2110/1-12/UPCRNDP/Social/CEEAP/2020 Dated 28.09.2022.





#### h. Meetings & Site Inspections

- Regular Site Visits were conducted by AHE and Inspection reports with observations were issued to the Contractor in accordance to the conformity of safe use of project highway.
- ➤ Site inspection carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma along with Executive Engineer, P.W.D. Mr. Atul Kumar Sharma and Assistant Engineer, P.W.D. Mrs. Garima Srivastava on Dated 14.09.2022 for Badaun-Bilsi-Bijnaour Road Project and their observations notified to the Contractor (GAWAR) vide letter No. Egis India/LKO/UPCRNDP/2022/1964 Dated 16.09.2022.

#### i. Key Issues

- ➤ Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client UPPWD/PMC immediately to prevent serious accidents by removing these hazards. UPPWD Representatives to bring to the attention of District Magistrate for urgent action and similar action is required for any encroachments by local residents setting up stalls for selling fruit vegetables etc.
- ➤ 02 Nos. Toilet Blocks at Truck Lay byes have not been constructed as local residents are objecting to the location shown on the approved drawings and therefore, the Contractor is discussing with the Authority representative for alternative locations.
- ➤ The 2 Nos. Completed Toilet Blocks must be fully functional 24x7 and cleaned regularly by the Contractor.
- ➤ During O&M work Additional flagmen to be provided at work zone/diversion on live carriageway and all safety items such as water filled Plastic Barriers and advance signs to be maintained during the maintenance work and Contractor to take approval from AE for any lane closures of the live carriageway as per Clause 14.5 of the Contract Agreement.
- ➤ All Planted tree saplings to be watered regularly and the Contractor instructed to replace those which have died and balance saplings to be planted ASAP.
- ➤ Four Irrigation canal crossings by UP Irrigation Department with Bridge/Box Culverts have been completed and the pavement reinstated, however, concerns expressed of quality of work as per UPPWD standards. Maintenance of these sections will be the responsibilities of the Concerned Authority as the works were carried out by Irrigation Department Contractor after completion of the road by UPPWD Contractor.
- ➤ Only 11 Nos. of Table Top constructed by Contractor. Remaining Table top to be expedited for construction of Table top ASAP for safety of road users.
- ➤ RCC Drains to be cleaned at regular intervals and dumping of garbage by local residents to be reported to the Police/Authority Representative/AE for further action by the municipalities to prevent any accidents.
- ➤ Faded Road Marking at various locations of highway to be carried out in order to guide the traffic and safety of road user to prevent accident which is in progress but due to rainy season Contractor unable to expedite the road marking and complete all ASAP as the rain will be receding in the m/o October and November 2022.

#### j. Weather

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





ENVIRONMENT, SOCIAL, HEALTH AND SAFETY





#### 22. ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

#### a. 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 completed during Civil works Phase are being monitored at O&M Phase of Contract packages.

To achieve the required environmental management standards, the Contractor of each project has been prepared O&M Manual including Environment and Social issues 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 per table 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-Shahjahanpur)	SH-93	57.535km	356.90Cr	EPC Contract	O&M Phase
UPG-04 (Badaun-Bilsi-Bijnaour)	SH-51	79.125km	334.00Cr	EPC Contract	O&M Phase

#### b. 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:

#### i. Essential Project Insurances

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

	Table B -Status of Insurance Coverage							
Package	Employees Compensation (WC) Policy (CAR) Policy.			Public (3rd Party) liability Insurance				
	Insurer	Valid	Insurer	Valid	Insurer	Valid		
UPG-01	IFFCO- TOKIO GENERAL INSURANCE CO.LTD GO DIGIT	03-06-22 (Expired)	IFFCO- TOKIO GENERAL INSURANC E CO.LTD The New	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	GENERAL INSURANCE LTD.	21-08-23 (Renewed)	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	03-04-23 (Renewed)	The New India Assurance Co. Ltd.	10-05-22 (Renewed) + 60months O&M Period	The New India Assurance Co. Ltd.	10-05-22 (Renewed) + 60months O&M Period		





UPG-04	LIBERTY GENERAL INSURANCE LTD.	18-11-22 (Renewed)	ICICI Lombard General Insurance Company Ltd.	03-02-22 (Renewed) + 60months O&M Period	ICICI Lombard General Insurance Company Ltd.	03-02-22 (Renewed) + 60months O&M Period
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**Note:** UPG-01the schedule and term of Contractor's CAR Policy under sub-clause C006 the O&M Period is covered; WC Policy renewal is under process.

UPG-02 WC Policy renewed; as per CA the CAR Policy has to be maintained up to DLP which is completed on 01-11-21 (extended 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;

#### ii. Borrow Areas

**SEIAA Permit for Borrow Area Operation** is exempted by the both MoEFCC Notification No. S.O.1224(E) dated 28<sup>th</sup> 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 Exhausted Borrow Pits shown below:

1	Table-C: Summary of the Selected Borrow Areas of the Contractors w.r.t EMAP.									
	. of reas ed	No. of Borrow		No. of Bo	rrow Are	eas	ated	for ation	n for Qty.	
Contract Package	Total No. o Borrow Are Identified	Areas approved w.r.t. EMP	Exhausted	Ongoing	Yet to be started	Qty. still Balance for use	Rehabilitated	Balance for Rehabilitation	DC's Permission borrowed	
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	38	0	0	0	38	NIL	38	
UPG-04	45	36	31	0	0	0	31	NIL	31	
Total	173	145	140	0	0	0	140	0	140	

**Note:** 

UPG-01,UPG-02, UPG-03& UPG-04: Contractors have submitted the NOC for all the exhausted borrow pits.





#### iii. Status of O&M Phase ESMP Issues along with updated status is as below:

#### 1. ESHS Cell/Staff:

Table	Table D: ENVIRONMENT MANAGEMENT SYSTEM CELL									
OR	GANISATION	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		IGH (Environment Spe 0034246; Mail ID: dev		•					

#### 2. Tree/ Avenue Plantation

Tree plantation work was 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; commenced the plantation activities for replacement of dead plants and planting the remaining Trees; 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 could not be completed due to garbage dumped within Project ROW by local Municipal/Village Authority; a meeting between UPPWD & Municipal/ Local Administrative Authority is scheduled to resolve the issue urgently.

**UPG-01 Hamirpur-Rath** The Replacement and plantation of deed plants has been taken-up by the Contractor during the current coming monsoon. **UPG-02** Compensatory Afforestation work to be taken-up by the Forest Dept.- Plantation yet to be started. **UPG-03 Gola-Shahjahanpur:** 5000 additional Tree plantation/ Saplings plantation taken-up during coming monsoon. **UPG-04** Remaining Tree plantation/ Saplings including replacement of deed plants has been taken-up, instruction issued as monsoon reason is on pick.





### 3. Rainwater Harvesting

RWH work is completed however all the Contractors instructed to maintain the earthen Toe drain & ROW cleaning for RWH to function efficiently.

Table-F: Rain Water Harvesting Structures Status							
Package	RWH Progress	RWH Progress Status (In Numbers)					
	Approved	Approved Completed Performance Verified					
UPG-01 Hamirpur-Rath	42	42	NIL – under verification				
UPG-02 Garautha-Chirgaon	25	25	25				
UPG-03 Gola-Shahjahanpur	89	89	NIL – under verification				
UPG-04 Badaun-Bilsi-Bijnaour	112	112	NIL – under verification				
Total 382/268 268 25							
Note: The performance of Rainwater	Harvesting is being	monitored durin	ng the Monsoon.				

#### 4. 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** 

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

		Table-	G: Status	s of Environ	mental Enl	nancemei	nt in Numb	oers
Package	Numbers	Chainage	Side	Existing Structure	Trees with Guard	Bench	Bathing Ghat	Status
		5+300	LHS	Temple	10	NIL	NIL	Completed at Ch.74+623
UPG-01	3	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
UPG-02	2	165+000	LHS	Temple	4	4	NIL	Completed
		9+300	RHS	School	16	NIL	NIL	Completed
UPG-03	3	28+000	LHS	Pond	NIL	4	1	Completed
		52+000	LHS	School	15	NIL	NIL	Completed
UPG-04	2	61+500	LHS	Pond	NIL	4	1	Completed
01 0-04	2	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)





#### 5. Other Construction Work Sites Related Issues:

UPG-01: Provisional Completion Certificate (PCC): "The Engineer" has issued the PCC with effect from 12<sup>th</sup> July-2021 and further Final Completion Certificate was issued on 12<sup>th</sup> 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- 01<sup>st</sup>April-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 31<sup>st</sup> October, 2020;O&M Period is started from 01<sup>st</sup> November, 2020.

- (i) The Activities notified to the Contractor was not completed hence DLP period recommended to extend up to 31<sup>st</sup>December 2021 Works were 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 the chain-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. The Completion Certificate is issued to the Contractor with effect from 15<sup>th</sup> March, 2022; O&M Period is started from 15<sup>th</sup> March, 2022.

**UPG-04:** Project works are completed in all respect. 12850 Compulsory plantation and construction of Project facility works (13 Bus Shelter + 2 Truck lay byes) 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 10<sup>th</sup> January, 2022; O&M Period is started from 11<sup>th</sup> 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** Final closure NOC for Contractor's Camp area (Ch.36+500 LHS) yet to be received **and UPG-04** Final Closure NOC for Contractor's Camp Area (Ch.102+200) — yet to be received; Closure NOC for RMC Camp (Ch.95+760 RHS) - Received.

#### c. Operation and Maintenance Stage Monitoring

The Authority Engineers' (AE/PMC) Environmental Expert has inspected UPG-01, UPG-02, UPG-03 and UPG-04 during the O&M phase to ensure the compliance in conformity of Contract Environmental Management Plan (EMP).





The tree plantation status of EPC Contract monitored and suggested to the Contractors to timely taken-up replacement of deed plants for improved survival rate.

### d. Construction Site Management

#### i. 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-H: STATUTORY PERMIT** 

S. No.	Key ESMP/Permit as per CA	Licensing Authority	UPG-01	UPG-02	UPG-03	UPG-04
1	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.
2	Operation and Maintenance (O&M) Manual	Contractor	Received & Approved by PMC	Received & Approved by PMC	Received & Approved by PMC	Received & Approved by PMC
3	Labour License	Labour Department	Available- Validity 03/09/2019 to 02/09/2022 (Renewed)	Available- Validity 26/04/2018 to 26/04/2023 (Renewed)	Available- Validity 02/01/2020 to 10/11/2022 (Renewed)	Available- Validity 19/11/2019 to 17/11/2022 (Renewed)
4	Workmen Compensation Policy	Insurance Company	Validity till 03/06/2022 (Expired – Renewal is under process)	Available- Validity till 21/08/2023	Available- Validity till 03/04/2023	Available- Validity till 18/11/2022
5	Contractor All Risk Policy	Insurance Company	O&M Phase Covered	Available- Validity till 01/11/2021 (Validity was required 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
6	PUC Certificates	State Transport Department	Available	Available	Available	Available
7	Borrow Area Permission	DC (Mining Department) and SEIAA	To date No BA for O&M Phase	To date No BA for O&M Phase	To date No BA for O&M Phase	To date No BA for O&M Phase
8	Signing Code of Conduct/Compliance of Covid-19 SOP	Contractor	Signed/ Complied	Signed/ Complied	Signed/ Complied	Signed/ Complied





## 23. CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT

	REQUIRED DATA	4	UPG-01	UPG -02	UPG-03	UPG-04	
S.No.	Description	Unit	Month of Sept. 22	Month of Sept. 22	Month of Sept. 22	Month of Sept. 22	TOTAL
		SAFE M	AN-HOURS	<b>ACHIEVE S</b>	TATUS		
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos.	6	6	24	14	50
2	Man-hours worked / Day (as above)	Hrs.	48	48	192	112	400
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	1248	1248	4608	2912	10016
		PROJ	ECT CRASH	I DATA REP	ORT		
1	First Aid Incidents	Nos.	0	0	0	0	0
2		(a) Incide	ent: Involvinș	g Project Pers	son 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
С	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: In	volving I	Public / Road	Users adjace	nt to Work Z	ones within Pro	ject Length
a	Fatal Incidents occurred at construction zone involving public	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
С	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	g Public / Roa	d Users beyo	nd Work Zon	es within Proje	ect Length
a	Fatal Incidents occurred at non-construction zone involving Public	Nos	7	0	0	0	7
b	Major Injury	Nos	0	1	0	6	7
С	Minor Injury(Road Incident Data )	Nos	0	0	0	5	5
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	0	0	0	0	0		
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	0	0	0	0	0		

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.

### a. Road Safety Project Implementation Status

		ROAD SAFETY IM	IPLEMENTATION 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/202 0/934 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.

<u> </u>										
	ROAD SAFETY EDUCATION & TRAINING FOR ALL PROJECT EMPLOYEES									
Sl. No	Project Name	Description of program	No. of Person							
1	UPG-01-HR-SH-42	Safety Induction (First-aid, Use the PPE's, & Working at heights)		0						
2	UPG-01-HR-SH-42	Use the PPE's		0						
3	UPG-01-HR-SH-42	Tool box talk		0						
4	UPG-01-HR-SH-42	First-aid Training		0						
5	UPG-01-HR-SH-42	Fire Extinguisher Inspection & Training								
6	UPG-01-HR-SH-42	Vehicle Inspection &Training	0							
S.No.	Project Name	Description of Program	No. of Person							
1	UPG-02 G-C SH-42	Project Completed: Training on "How safely working on live road"		0						
S.No	Project Name	Description of program	Training provided by	No. of Person						
1	UPG-03 GSP-SH-93		NIL							
Sl. No	Project Name	Description of program	Training provided by	No. of Person						
1	UPG-04 B-B-B SH-51		NIL							
	ROAD SAFE	TY INSPECTION BY AE's HSE	TO PROJECT WORKI	NG SITE						
S.No.	Project Name	Description of Program	Training provided by	Condition						
1	UPG-01-HR-SH-42	Plant & Equipment Inspection Done	0	0						
2	UPG-01-HR-SH-42	Site SHE Inspection								





3	UPG-01-HR-SH-42	Electrical Inspection	0	0		
4	UPG-01-HR-SH-42	Work at Height Inspection	0	0		
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	0	0		
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	0	0		
2	UPG-03 GSP-SH-93	Oath ceremony, Road Safety Awareness Training and Pamphlet Distribution	0	0		
3	UPG-03 GSP-SH-93	Road Safety Awareness Training and use of the PPE's	0	0		
4	UPG-03 GSP-SH-93	Oath ceremony, Road Safety Awareness Training and Pamphlet Distribution	0	0		
5	UPG-03 GSP-SH-93	TBT, Covid-19 awareness and maintain housekeeping.	0	0		
6	UPG-03 GSP-SH-93	TBT, Covid-19 awareness and maintain housekeeping.	T, Covid-19 awareness and 0			
7	UPG-03 GSP-SH-93	Road Safety Awareness Training and Working at height using the platform	0	0		
8	UPG-03 GSP-SH-93	Road Safety Awareness Training and using the PPE during work at height.	0	0		
Sl. No	Project Name	Description of program	Training provided by	Condition		
1	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection	0	0		
2	UPG-04 B-B-B SH-51	Vehicle Inspection	0	0		
3	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	0	0		
4	UPG-04 B-B-B SH-51	Electrical Inspection	0	0		
5	UPG-04 B-B-B SH-51	Site SHE Inspection	0	0		
6	UPG-04 B-B-B SH-51	Housekeeping Inspection	0	0		
7	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	0	0		
8	UPG-04 B-B-B SH-51	Electrical Inspection	0	0		
<b>H</b>		-				
9	UPG-04 B-B-B SH-51	Site SHE Inspection	0	0		
9	UPG-04 B-B-B SH-51 UPG-04 B-B-B SH-51	Site SHE Inspection  Work at Height Inspection	0	0		





### b. Safety Equipment at Sites during O&M Period

Safety Items Name	UPG-01	UPG-02	UPG-03	UPG-04
PVC Plastic Barriers	22	16	30	20
Safety Cones	15	40	50	40
Safety Sign Boards	4	2	10	1
Flagmen	2	2	2	2

### c. Record with Dates of Completed Road Safety Audits on Phase-I Roads

Pkg. No.	Road Name	Physical Progress as on 30 March 2022	Contract Completion Date/ Actual Completion Date	1 <sup>st</sup> Road Safety Audit Date During Construction	2 <sup>nd</sup> Road Safety Audit Date During Construction	3 <sup>rd</sup> Road Safety Audit Date After Completion	Remarks
UPG-02	Garautha-Chirgaon Section of SH-42 from Km. 118.600 to Km 167.745, Package No. UPG-02	100%	14.01.2020 Actual completion on 31st OCT 2020	Completed on 10.FEB 2020	Completed on 02 SEPT 2020	Completed 04 DEC 2020	Works delayed due to land acquisition additional works and COVID-19. All works completed by 31st October 2020
UPG-01	Hamirpur - Rath Section of SH-42, from Km 2.065 to Km 74.255 Pkg. No. UPCRNDP/UPG/01/2018	100%	23.06.2021 Actual completion on 12 <sup>th</sup> AUG 2021	Completed on 23. SEPT 2020	Completed 24 FEB 2021	Completed on 25 <sup>th</sup> AUG 2021	COV1D-19 delays estimate Extension of Time (EOT) of 3 months. All works Completed on 12 Aug 2021
UPG-03	Gola - Shahjahanpur Section of SH-93, from Km 1.280 to Km 58.580 Pkg. No. UPCRNDP/UPG/ 03/2018	100%	O9.11.2021  Actual completion on 15 <sup>th</sup> MARCH 2022	Completed on 29.SEPT. 2020	Completed on 6 JULY 2021	Completed on 8 <sup>th</sup> APRIL 2022	1 <sup>st</sup> & 2 <sup>nd</sup> wave of COVID-19 delays Extension of Time (EOT) of 4 months. Completed on Date 15 <sup>th</sup> March 2022
UPG-04	Badaun-Bilsi-Bijnaour of SH-51, from Km 58.400 to Km 137.820 in the State of Uttar Pradesh (Pkg. ICB No.UPCRNDP/UPG/04/ 2018	100%	O2.11.2021 Actual completion on 10 JAN 2022	Completed on 08. OCT. 2020	Completed on 8 APRIL 2021	Completed on 27 JAN 2022	





#### 24. SOCIAL MONITORING AND COMPLIANCE REPORT

#### INTRODUCTION

The current report is the monthly Social Safeguard Monitoring Report prepared to ensure the comply with the implementation arrangements agreement between World Bank and UPPWD. The main objective of this report is to brief the Land Acquisition and resettlement implemented across all the packages during the construction period.

The resettlement activities were achieved in all Four Packages of Phase-I Roads.

- ➤ Only one namely UPG-03 was required land acquisition. In UPG-03 (Gola-Shahjahanpur) the land acquisition was impacted nearly 92 Title Holders (TH).
- ➤ The other packages UPG-01, UPG-02 & UPG-04 involve resettlement of Non-Title Holders only. The compensation of NTH Disbursement of Structures Compensation & R&R Assistance Squatters & Encroachers was 100% & for Kiosks also 100% was disbursed within targeted period of time for successful implementation of civil works.
- As per original calculations/estimates, 3.0375 Hectare land was required but as per the actual field condition revised land 2.781 ha was required in order to minimize negative impacts and revised nos. of TH was affected only 84 TH.
- ➤ All the resettlement planning documents related to above projects were disclosed.

#### Status of Social Safeguard (PHASE- I ROADS)

			Total Cost of		RAP Imp	plementation o	nentation on Phase-I Roads			
S. No.	Roads	Length (km)	LA and R&R (INR Cr.)	)	_	Distribution of Identity Cards	CPRs Relocation	Income Restoratio n Activities	Status of GRC	
1	UPG-01: Hamirpur-Rath	72.785	2.120	Completed	Completed	Completed	Completed	Completed	Resolved	
2	UPG-02: Garautha- Chirgaon	49.145	1.630	Completed	Completed	Completed	Completed	Completed	Resolved	
3	UPG-03: Gola- Shahjahanpur	57.535	4.546	Completed	Completed	Completed	Completed	Completed	Resolved	
4	UPG-04: Badaun-Bilsi- Bijnaour	79.125	0.226	Completed	Completed	Completed	Completed	Completed	Resolved	
	TOTAL	258.59	8.522							





#### RESETTLEMENT ACTION PLAN (RAP) IMPLEMENTION BY NGO

Non-Government Organization (NGO) M/s Study Point Samittee was initially appointed for implementation of RAP in Phase-I roads. However, on expiry of Contract Period the NGO's was not intended to extend his services. M/S Development Institute for Systems Alternatives (NGO) based in Lucknow was appointed to assist UPPWD to complete the remaining works of land acquisition and R&R activities. 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 Action Plan (RAP).

All the micro plans were prepared and the Compensation of NTH Disbursement of Structures Compensation & R&R Assistance for Squatters & Encroachers is 100% & for Kiosks also 100% was disbursed.

#### STATUS OF CPRS

It is communicated to the UPPWD, PMC, Contractor and NGO that total 43 CPRs for which the consent as well as site has already been identified, Design-drawing and construction plan with minor corrections are approved and Construction Works Completed and all CPRs are relocated.

#### TRAINING AND SUPPORT FOR INCOME RESTORATION

The training programme was organized by the NGO in order to motivate and create interest among the PAPs to adopt Tool & Machinery trade as income generating livelihood and also to encourage the next future employment. The income restoration activities are completed.

#### **CONCLUSION**

This was achieved through assessment of compliance with domestic policies, legislations and procedures as well as World Bank Safeguard Policy objectives. Generally, the implementation of the Resettlement Action Plan (RAP) was complied with the foregoing requirements.

With regards to the socio-economic status of the PAPs before and after RAP implementation, the study has concluded that the there was no serious impacts on the livelihood structure of PAPs and access to land, livestock or sources of income. Similarly, patterns of social interactions remained intact. RAP implementation did not have any livelihood impacts as there was no loss of access to different public services such as schools, health facilities, sewage lines, water reticulation points, loss of access to markets, loss of access to suppliers or even support networks.





### **COMPONENT PART- C**

PROJECT MANAGEMENT SERVICES (TIME BASED)





## 25. PART-C COMPONENT

### a. OVERALL PROGRESS OF UPCRNDP – PMC's SCOPE

CLAUSE	COMPONENT	PROGRESS STATUS
3.8		
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.
С	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 safety audit for UPG-2 Garautha-Chirgaon & UPG-01( Hamirpur-Rath), UPG-03 (Gola-Shahjahanpur) & UPG-04 (Badaun-Bilsi-Bijnaour); 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 has been prepared and submitted to UPPWD
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.
1	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 2022
n	Support the development of PWD's – RAMS, Preparation of Bid Documents, Data Collection Services from other sources.	Being Implemented





О	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 31.08.2022 is tabulated as follows:

### (a) Project Risk Management During Preparation of DPR

Sl. No.	Risk Title	Consequences/ Impacts	Risk Owner	Risk Sev.	Risk Mitigation Plan
1	Alignment Confirmation	Time	UPPWD	M	UPPWD to confirm alignment of Road ASAP to start the process
2	Initial Report to highlight the constraints	Time	UPPWD	M	Meetings with different departments to be arranged to check the constraints
3	Forest - Identify Forest area and start process	Time/Cost	UPPWD/PMC	M	Forest land to be identified ASAP and start processing in order to take permission for land acquisition/tree cutting
4	Land Acquisition- Land owner process/Corresponding	Time/Cost	UPPWD/PMC	M	Land data should be submitted to local administration/demarcation of land/identification of land owner in coordination with Lekhpal/Tehsildar
5	Staff- Experienced staff for DPR	Time/Cost	PMC	Н	Specialized staff to be deployed in the start to prepare good quality DPR
6	Program for DPR submission	Time	PMC	M	Submit program for DPR in details including environment and Social.
7	Regular staff visit with Client	Time	UPPWD/PMC	M	Design team to schedule a program for site visit to get the datas and record other Hindrances, Safety issues etc;
8	Use of Codes	Cost	PMC	M	Latest design codes to be used during the preparation of DPR
9	Procurement of Agencies	Time and Cost	UPPWD	M	Procure agencies within time for Survey, Land/Traffic/others related to project.





10	Comments from Client/Funding Agency/WB	Time and Cost	All	M	Early response to clients/WB comments and compliances within the time schedule
11	Force Majeure Event	Time/Cost	All	L	Very difficult to predict Pandemic, Earthquakes, Adverse weather (Storm/Flooding), Civil War/War/ Political unrest. Evaluate the cost and time afterward immediately

### (b) Project Risk Management during Maintenance Period of Completed Phase-I Roads

Sl. No.	Risk#	Risk Title	Consequences/ Impacts	Risk Owner	Risk Sev.	Mitigation Plan/Action Taken
1	Technical	Maintenance Inspection Note issued to the Contractors with Time Period for Rectification.	Safety of Road User with deterioration of defects.		M	Authority Engineer to ensure the early joint inspection of roads and notify the defects to Contractor in 1st week of every month and follow up the defect rectification
2	Technical	Maintenance Program for Defects	Road users Travelling time, Safety impacted negatively.	Contractor	M	Contractor to Submit the Maintenance Program as per Clause 14.3 of Article 14 of Contract Agreement (CA) on every month/prior to start any Maintenance work on Live Carriageway
3	Safety During Maintenance Works on Live Carriageway	Submission of Traffic Diversion Plan for Lane Closure on live carriageway	Fatal Accident involving General public & Contractor's workers	Contractor	Н	Contractor to Submit the Traffic Management Plan for Lane Closure as per Clause 14.5 of Article 14 of Contract Agreement with details of manpower and equipment availability and get approval from AE prior to start any work on the live carriageway. AE to check the safety equipment such as water filled plastic barrier, traffic cones, advance warning signs availability in contractor's Yard prior to approve the Diversion Plan for lane closure.
4	Technical	Delay in rectification of notified defects	Can cause Fatal/ Serious injury & defect can get worse and increased the risk of accident/breakdown of vehicle	Contractor	M	Contractor to rectify the defects as per notified time period as per Schedule-E of CA for smooth flow of Traffic. AE to take serious action/inform client for initiating notice as per clause 14.7 of EPC Mode Contract & clause 36.1 for BOQ Mode Contract and made deduction from the Monthly Maintenance Statement





5	and pedestrians	ncroachment on shoulder and carriageway with storage of building materials.	Traffic Jam/ Inconvenience to road user and Hazards can cause serious accident	Contractor	Н	Contractor to be vigilant and operate 24x7 a patrolling vehicle inform all emergency authorities immediately & make arrangements to clear the highway with Hydra Crane.
6	Environment	Survival of Planted Trees (Non watering of Trees)	Plant will die/impact of air pollution/ encroachment of ROW area reducing the environmental enhancement.	Contractor	M	Contractor to water the plant continue and protect from animals by providing Tree Guards and regular maintenance and monitoring of the survival planted trees. Contractor also to replace the dead plant with new.
7	Environment	Functioning of Rain Water Harvesting (RWH)	Wastage of water/ water will not percolate into the soil to raise water table	Contractor	M	Contractor to clean the weep holes of top slab of RWH and remove silt from the pit as per CA ensure the efficient functioning of RWH. Contractor/AE to monitor the maintenance regularly.
8	Insurance Policies	Agreement to be renewed before the Policy expiring date	Compensation claims due to accidents and major failures of the completed road could be denied by the Contractor's insurers leading to claims against the Authority	Contractor	M	AE to check on regular basis on the Contractors all required Insurance Policies for validity and amounts insured and ensure that the Contractors is informed with warning to extend any policies near expiring and submit copies of the extended insurance policies to AE for approval confirmation
9	Technical	Submission of Compliance Report of Inspection Note Timely	Delay in recommendation of Payment to Contractor	Contractor	M	Contractors to rectify the defects noted time period in Schedule-E for EPC Contracts and submit the compliance report to AE as per Contract Agreement. Similarly for BOQ Contract as per the Table under Clause A-1.3.





### b. 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 August, 2014	M/s Egis India Pvt. Ltd
2	Independent Environmental and social review consultant.	QCBS	Prior	Contract awarded and commencement from 19 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 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 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 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 May, 2020.	Dr. Seema Srivastava
7	Phase-1 of NGO (firm) services to undertake balance activities.	SSS	Post	Contract awarded and commencement from 21 October, 2020.	M/s Development Institute For Systems Alternatives.
8	Consultancy for Financial Management Firm.	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s Asija & Associates LLP
9	Consultant firms for conducing Road User Satisfaction Surveys (Baseline).	QCBS	Post	Contract awarded and commencement from 18 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 January, 2021.	M/s TUV-SUB South Asia Private Limited





11	Phase-2 of NGO Services.	QCBS	Post	Contract awarded and commencement from 28 April, 2022.	M/s SUGAM INTERNATIONAL SANSTHAN	
12	Consultancy for Internal Auditor (Financial)	QCBS	Post	Contract awarded on 26 April, 2022 and commencement from 24 May, 2022	M/s S.N. KAPUR AND ASSOCIATES	
13	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual).	QCBS	Post	Contract awarded and commencement from 05 May, 2022.	Mr. Srinivas Rao Nayani	
14	Phase-2 of Supervision Consultancy.	QCBS	Prior	Procurement under process.  # RFP issue to shortlisted firm on dated 09-Feb-2022  # Bid Received & Technical Bid open on dated 25 March-2022.  #TEC Evaluation Done on 23-April-2022 now Bid are under PSC & WB Approval.		
15	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	Procurement under process.  #RFP issued on 12 May 2022 &  #Prebid meeting on 27 May 2022  #Technical Bid open on dated 11 July 2022.  #TEC meeting on 23-Aug-2022 and next TEC meeting reschedule.		
16	External Evaluation Consultant for RAP implementation	QCBS	Post	<ul> <li>Procurement under process</li> <li># EOI was opened on 12 Jan, 2022.</li> <li># EOI open on dated 12 Jan, 2022 &amp; EOI Evaluated by TEC on 5-6 Feb 2022.</li> <li># Approved by PSC (Project Steering Committee) &amp; World Bank.</li> <li># RFP issue to shortlisted firm on dated 04-April-2022</li> <li># Bid Received &amp; Technical Bid open on dated 04-May-2022.</li> <li># TEC Evaluation Done on 17-18-June-2022 now Bids are under PSC/WB Approval.</li> </ul>		
17	Consultant firms for conducing Road User Satisfaction Surveys (Baseline) for Phase-2 Roads.	QCBS	Post	Procurement under proc # TOR under World Ba		





18	Mid-term & End-term evaluation of Road User Satisfaction Surveys for Phase-1 & 2 Roads	QCBS	Post	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	Procurement under process     # TOR in Progress.

### c. STATUS OF VARIOUS CIVIL WORKS (Procurement Status of Phase-II Roads)

SL No.	Description	Methods of Selection	Review Type	Present Status
1.	Up gradation & Maintenance of Rath-Garautha Section of SH- 42 (Missing Link)	NCB	prior	<ul> <li>RFB Published on Date 16-April-2022</li> <li>Bid Received &amp;Technical Bid open on dated 31-May-2022.</li> <li>TEC Evaluation Done on 17-18-June-2022 &amp; 23 Aug. 2022.</li> <li>Technical Bids evaluation report sent to WB for approval on 24.08.2022 &amp; WB approved on 09.09.2022.</li> <li>Financial bid opened on 20.09.2022.</li> <li>TEC evaluated financial bid on 01.10.2022</li> </ul>
2.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bansi-Mehandawal-Khalilabad Road (SH-88)	NCB	prior	<ul> <li>RFB Published on Date 18-April-2022,</li> <li>Bid Received &amp; Technical Bid open on dated 03-June-2022.</li> <li>TEC Evaluation Done on 17-18-June-2022</li> <li>Approval from WB on technical BER obtained on</li> <li>Financial bid opened on 26.07.2022</li> <li>TEC evaluated financial bid on 01.10.2022</li> </ul>





3.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB	prior	The Government of Uttar Pradesh has given administrative and financial approval to the project.  • RFP was published on E-Tender portal on 03.08.2022  • The last date of bid submission is 20.09.2022  • Pre proposal meeting was held on 26.08.2022 and NOC on minutes of pre proposal meeting from WB was obtained on 31.08.2022  • Technical bid opened on 20.09.2022.  • TEC Evaluation Technical bid on
4.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	NCB	prior	<ul> <li>01.10.2022</li> <li>Estimate send to UP Government on dated 29.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.</li> <li>The procurement plan was uploaded on STEP portal on dated 02.09.2022 a and approved by WB on dated 07.09.2022.</li> <li>Draft Bid document uploaded on STEP portal on dated 09.09.2022 for WB approval,</li> </ul>
5.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	ICB	prior	Estimate send to UP Government on dated 30.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.  • The procurement plan was uploaded on STEP portal on dated 02.09.2022 and approved by WB on dated 07.09.2022.  • Draft Bid document uploaded on STEP portal on dated 09.09.2022 for WB approval.
6.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	ICB	prior	Estimate send to UP Government on dated 22.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.  • The procurement plan was uploaded on STEP portal on dated 02.09.2022 and approved by WB on dated 07.09.2022.  • Draft Bid document uploaded on STEP portal on dated 13.09.2022 for WB approval.

<sup>\*</sup>ICB- International Competitive Bidding

<sup>\*</sup>NCB-National Competitive Bidding.





## d. Financial Progress of Consultant (PART-C)

Financial Expenditure of PMC Services up to September 2022

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

SI No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance
1	Remuneration for TL	\$11,24,640	\$12,25,501	\$9,58,956	\$2,66,545
Gross Amount (Foreign Component)		\$11,24,640	\$12,25,501	\$9,58,956	\$2,66,545
2	Escalation			\$70,930	
Grand Total		11,24,640	12,25,501	\$10,29,886	

PART - C - Up to September 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	5,20,34,400	4,32,39,000	1,64,99,407	2,67,39,593
2	Reimbursable Expenses	1,85,52,152	3,08,96,321	2,19,47,615	89,48,706
	Total	7,05,86,552	7,41,35,321	3,84,47,022	3,56,88,299
3	Escalation			52,96,703	
	Grand Total	7,05,86,552	7,41,35,321	4,37,43,725	

# PART - B:

# **CONSTRUCTION SUPERVISION OF CIVIL WORKS**

# **PHOTOGRAPHS**







#### 1) PHOTOGRAPHS OF PACKAGE -UPG/02 (GARAUTHA - CHIRGAON)



Cutting of Bushes at Ch. 138+300



Ch. 130+010 to Ch. 130+030 (LHS) - Tiles Repairing Work is in Progress



Ch. 161+680 (RHS) - Damaged Hazard Sign Board Replaced



Safety Training for Drainage Cleaning Workers



Ch. 125+580 to Ch. 125+750 (LHS) - Bushes Cutting Work is in Progress



Bus Shelter & Paved Shoulder Cleaning at Ch166+700





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







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





Paved Shoulder Cleaning in Urban Area



MBCB Replaced at Km. 13+560



Weep Holes and Paved Shoulder Cleaned



**Table Top Repainted** 



Repairing of Earthen Shoulder after Rain

Damaged Sign Board Replaced





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





Bus Shelter Paver Block Replacing is in Progress

Ch. 103+200 to 103+300 (RHS) – Drain Side Cleaning





Damaged Cover Slab of RCC Drain Replaced with New Ones

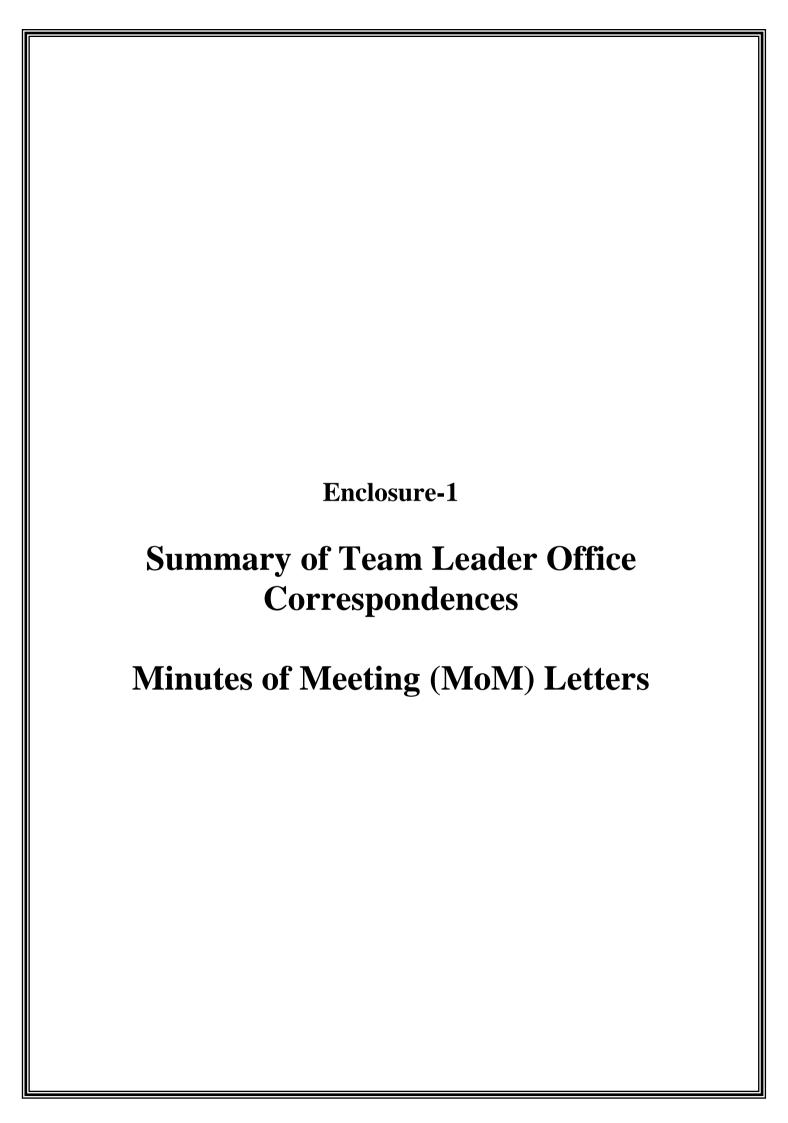
RCC Drain Weep Holes Cleared





Sign Board Replaced

Hazard Board Replaced



## **Consultancy Services for Uttar Pradesh Core Road Network Development Program**

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

Sr.No.	Letter Date	Letter Reference No.	То	Subject	Incoming Letter Reference
1	02.09.2022	Egis India/LKO/UPCRNDP/2022/1934	GHV	Site Visit Program of Resident Engineer, Environmental Specialist and Sr. Bridge Engineer on 06.09.2022 for Hamirpur-Rath	
2	02.09.2022	Egis India/LKO/UPCRNDP/2022/1935	NKC	Site Visit Program of Resident Engineer, Environmental Specialist and Sr. Bridge Engineer on 05.09.2022 for Garautha-Chirgaon	
3	03.09.2022	Egis India/LKO/UPCRNDP/2022/1936	APCO	Regarding Information about Stolen Road Furniture & SIGN Boards	APCO letter No. 776 Dated 31.08.2022 amd 774 Dated 25.08.2022
4	05.09.2022	Egis India/LKO/UPCRNDP/2022/1937	CE,PWD,Lucknow	Resuming Duty of Team Leader, Mohd. Ayaz Beg w.e.f. 05.09.2022	
5	05.09.2022	Egis India/LKO/UPCRNDP/2022/1938	CE,PWD,Lucknow	Regarding Verification of Affected Land (Gaatas) in District Siddhartha Nagar, Tahsil Bansi and District Sant Kabir Nagar, Tahsil Mendhawal of Bansi-Menhdawal-Khalilabad Road (SH-88)	PWD letter No. 1783 Dated 16.08.2022
6	05.09.2022	Egis India/LKO/UPCRNDP/2022/1938	CE,PWD,Lucknow	Regarding Verification of Affected Land (Gaatas) in District Siddhartha Nagar, Tahsil Bansi and District Sant Kabir Nagar, Tahsil Mendhawal of Bansi-Menhdawal-Khalilabad Road (SH-88)	PWD letter No. 1783 Dated 16.08.2022
7	06.09.2022	Egis India/LKO/UPCRNDP/2022/1939	GHV	Site Visit Program of Construction Safety Engineer on 07.09.2022 and 08.09.2022	
8	06.09.2022	Egis India/LKO/UPCRNDP/2022/1940	CE,PWD,Lucknow	Submission of Part-B and Part-C INR Component Invoice No.102 for the month of August 2022	
9	07.09.2022	Egis India/LKO/UPCRNDP/2022/1941	CE,PWD,Lucknow	Request to Approve Additional Man Months for IT Specialist	

10	07.09.2022	Egis India/LKO/UPCRNDP/2022/1942	CE,PWD,Lucknow	Request to Approve Additional Man Months for Assistant Social Development Specialist (Intermittent)	
11	08.09.2022	Egis India/LKO/UPCRNDP/2022/1943	APCO	Site Visit Program of Resident Engineer and Sr. Bridge Engineer on 09.09.2022	
12	08.09.2022	E-Mail	CE,PWD,Lucknow	DPR Volume-VII Bid Document (Rev.2) of Hamidpur- Kuchesar Road (SH-100)	By Mr. Reetesh
13	08.09.2022	Egis India/LKO/UPCRNDP/2022/1944	GHV	Site Visit & Inspection Report of the Resident Engineer, Maintenance Team and Sr. Bridge Engineer on Dated 6th September 2022	
14	08.09.2022	Egis India/LKO/UPCRNDP/2022/1945	NKC	Site Visit & Inspection Report of the Resident Engineer, Maintenance Team and Sr. Bridge Engineer on Dated 5th September 2022	
15	09.09.2022	E-Mail	CE,PWD,Lucknow	DPR Volume VIII EIA Report(Rev.6) of Garh-Siyana-Bulandshahr (SH-65) complying comments/observations suggested by Dr. Seema Srivastava, Environmental Expert-UPPWD.	
16	09.09.2022	E-Mail	CE,PWD,Lucknow	DPR Volume VIII EIA Report (Final Version) of Moradabad- Haridwar-Dehradun (SH-49) complying comments/observations as suggested by Dr. Seema Srivastava, Environmental Expert-UPPWD. (Rev5)	
17	09.09.2022	E-Mail	CE,PWD,Lucknow	DPR Volume VII Bid Document (Rev.0) of Garh-Siyana-Bulandshahr (SH-65)	E-Mail by Mr. Reetesh
18	09.09.2022	Egis India/LKO/UPCRNDP/2022/1946	CE,PWD,Lucknow	Reimbursement of GST against Invoices Claimed for the month of June 2022 against Part-B & C of UPCRNDP (INR and USD Components)	
19	09.09.2022	Egis India/LKO/UPCRNDP/2022/1947	CE,PWD,Lucknow	PNC Company Laying Water Pipe line under Namami Gange Project within our ROW without Permission of UPPWD	GHV letter No. 971 Dated 08.09.2022
20	10.09.2022	Egis India/LKO/UPCRNDP/2022/1948	GAWAR	Site Visit Program of Resident Engineer, Maintenance Team and Sr. Bridge Engineer on 14.09.2022	

21	12.09.2022	Egis India/LKO/UPCRNDP/2022/1949	APCO	Site Inspection Report of Resident Engineer, Maintenance Team and Sr. Bridge Engineer on Dated 09.09.2022 during the Maintenance Period of Gola-Shahjahanpur Road	
22	12.09.2022	Egis India/LKO/UPCRNDP/2022/1950	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh	
23	12.09.2022	Egis India/LKO/UPCRNDP/2022/1951	GHV	Occupational Health & Safety (OH&S) Site Inspection and Observation Report of Construction Safety Engineer for the period from 07.09.2022 to 09.09.2022	
24	12.09.2022	E-MAIL	CE,PWD,Lucknow	DPR Volume-VII - BID Document of Moradabad-Haridwar- Dehradoon (SH-49) Road	E-Mail by Mr. Reetesh
25	14.09.2022	Egis India/LKO/UPCRNDP/2022/1952	GHV/APCO/GAWAR	Self Certification of Labour Compliances by Contractors	
26	14.09.2022	Egis India/LKO/UPCRNDP/2022/1953	NKC	Self Certification of Labour Compliances by Contractors	
27	14.09.2022	Egis India/LKO/UPCRNDP/2022/1954	CE,PWD,Lucknow	Request for Certificate for Tendering Purpose of Part-A (Project Preparation including Detailed Engineering Design and Contract Documentation (Lump Sum))	
28	14.09.2022	Egis India/LKO/UPCRNDP/2022/1955	SE,PWD,Kanpur	Recommendation of Monthly Maintenance Statement (MMS-13) (IPC-05) for Consideration and Certification as per Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	GHV letter No. 974 dated 11.09.2022, 972 Dated 11.09.2022 and 970 Dated 05.09.2022
29	14.09.2022	Egis India/LKO/UPCRNDP/2022/1956	SE,PWD,Kanpur	Recommendation of Monthly Maintenance Statement (MMS-14) (IPC-06) for Consideration and Certification as per Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	GHV letter No. 975 dated 13.09.2022 and 973 Dated 11.09.2022
30	15.09.2022	Egis India/LKO/UPCRNDP/2022/1957	CE,PWD,Lucknow	Approval of CV Submission of Sub-professional Staff for the Position of Technician Field Mr. Avinash Kumar Mourya	

31	15.09.2022	Egis India/LKO/UPCRNDP/2022/1958	CE,PWD,Lucknow	Submission of Invoice No. 103 for SIA and EIA of Part-A	
32	15.09.2022	Egis India/LKO/UPCRNDP/2022/1959	SE,PWD,Lucknow	(Online Forest Proposal No- FP/UP/ROAD/147236/2021)- Reply to DFO Bahraich EDS of SH-30	
33	15.09.2022	Egis India/LKO/UPCRNDP/2022/1960	SE,PWD,Kanpur	(Online Forest Proposal No FP/UP/ROAD/117342/2020) Reg. EDS Compliance on Forest Diversion Proposal (Hamirpur Division)	
34	15.09.2022	Egis India/LKO/UPCRNDP/2022/1961	SE,PWD,Kanpur	(Online Forest Proposal No FP/UP/ROAD/117342/2020) Reg. EDS Compliance on Forest Diversion Proposal (Jhansi Division)	
35	16.09.2022	Egis India/LKO/UPCRNDP/2022/1962	CE,PWD,Lucknow	Consolidated Monthly Progress (Operation & Maintenance) Report (CMPR) No. 38 for the month of August 2022	
36	16.09.2022	Egis India/LKO/UPCRNDP/2022/1963	CE,PWD,Lucknow	Tentative Plan for Land Verification Work of Moradabad- Haridwar-Dehradun Road (SH-49) and Hamidpur-Kuchesar Road (SH-100)	
37	16.09.2022	Egis India/LKO/UPCRNDP/2022/1964	GAWAR	Site Inspection Report of Resident Engineer, Maintenance Team and Sr. Bridge Engineer on Dated 14.09.2022 during the Maintenance Period of Badaun-Bilsi-Bijnaour Road Project	
38	16.09.2022	Egis India/LKO/UPCRNDP/2022/1965	CE,PWD,Lucknow	Request to Release of Our Long Pending Payments – (Reminder)	
39	16.09.2022	Egis India/LKO/UPCRNDP/2022/1966	CE,PWD,Lucknow	Restoration of the Excavated Section of the above Project Road from CH 139+655 to CH 139+717 for the Irrigation Canal Crossing at Ch. 139+686	
40	19.09.2022	Egis India/LKO/UPCRNDP/2022/1967	NKC/GHV/APCO/ GAWAR	Maintenance Review Meeting at Team Leader Office on 24.09.2022 at 2:30PM	

41	19.09.2022	Egis India/LKO/UPCRNDP/2022/1968	CE,PWD,Lucknow	Regarding Construction of Four Nos. of Additional Minor Bridges at Ch. Km. 93+787, 105+205, 107+791 and 108+425 for Irrigation Canal Crossings as Proposed by Irrigation Department on the Badaun-Bilsi-Bijnaour Completed Project	
42	20.09.2022	Egis India/LKO/UPCRNDP/2022/1969	SE,PWD,Kanpur	Recommendation of Monthly Maintenance Statement (01st August, 2022 to 31st August, 2022) (IPC-09) as per Special Conditions of Contract (SCC) Clause 42.7 (a) & 47 of SCC of Contract Agreement.	NKC letter No. 003 Dated 06.09.2022 and 004 Dated 19.09.2022
43	20.09.2022	Egis India/LKO/UPCRNDP/2022/1970	CE,PWD,Lucknow	Outstanding and Forecast for Payments until March 2023 to EGIS India Consulting Engineers Pvt. Ltd. for providing Services in UPCRNDP	
44	21.09.2022	Egis India/LKO/UPCRNDP/2022/1971	CE,PWD,Lucknow	Regarding Submission of Original Addendum/ Supplementary Agreement for the Extension of Contract Period of Hamirpur-Rath Road Project	GHV letter 976 Dated 20.09.2022
45	26.09.2022	Egis India/LKO/UPCRNDP/2022/1972	GHV	Environmental Safeguard during O&M Phase.	
46	26.09.2022	Egis India/LKO/UPCRNDP/2022/1973	NKC	Environmental Safeguard during O&M Phase.	
47	26.09.2022	Egis India/LKO/UPCRNDP/2022/1974	APCO	Environmental Safeguard during O&M Phase.	
48	26.09.2022	Egis India/LKO/UPCRNDP/2022/1975	GAWAR	Environmental Safeguard during O&M Phase.	
49	27.09.2022	Egis India/LKO/UPCRNDP/2022/1976	SE,PWD,Lucknow	Recommendation of MMS-05 to MMS-06 (IPC-02) for Consideration and Certification Ref Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement. (Gola- Shahjahanpur Road Project)	
50	27.09.2022	Egis India/LKO/UPCRNDP/2022/1977	APCO	Approval of CV of Mr. Kuldeep Mohanta for Maintenance Engineer.	
51	28.09.2022	Egis India/LKO/UPCRNDP/2022/1978	NKC/GHV/APCO/ GAWAR	Minutes of Meeting (MoM) Dated 24th September 2022.	

52	28.09.2022	Egis India/HO/UPCRNDP/87719/2022	CE,PWD,Lucknow	Invoice No. 104 (Tax Invoice No.EI/UP/72 dated 22.09.2022) Against Additional Works-Fixing of the ROW Pillars.	
53	29.09.2022	Egis India/LKO/UPCRNDP/2022/1979	APCO	Site Visit Program of Team Leader and Resident Engineer on 01.10.2022.	
54	30.09.2022	Egis India/LKO/UPCRNDP/2022/1980	CE,PWD,Lucknow	Regarding Conducting PMIS Training by IT Specialist.	
55	30.09.2022	Egis India/LKO/UPCRNDP/2022/1981	APCO	Regarding Reimbursement about Stolen Road Furniture & Sign Boards.	

## INCOMING CORRESPONDANCES of TL OFFICE, LUCKNOW for the m/o SEPTEMBER 2022

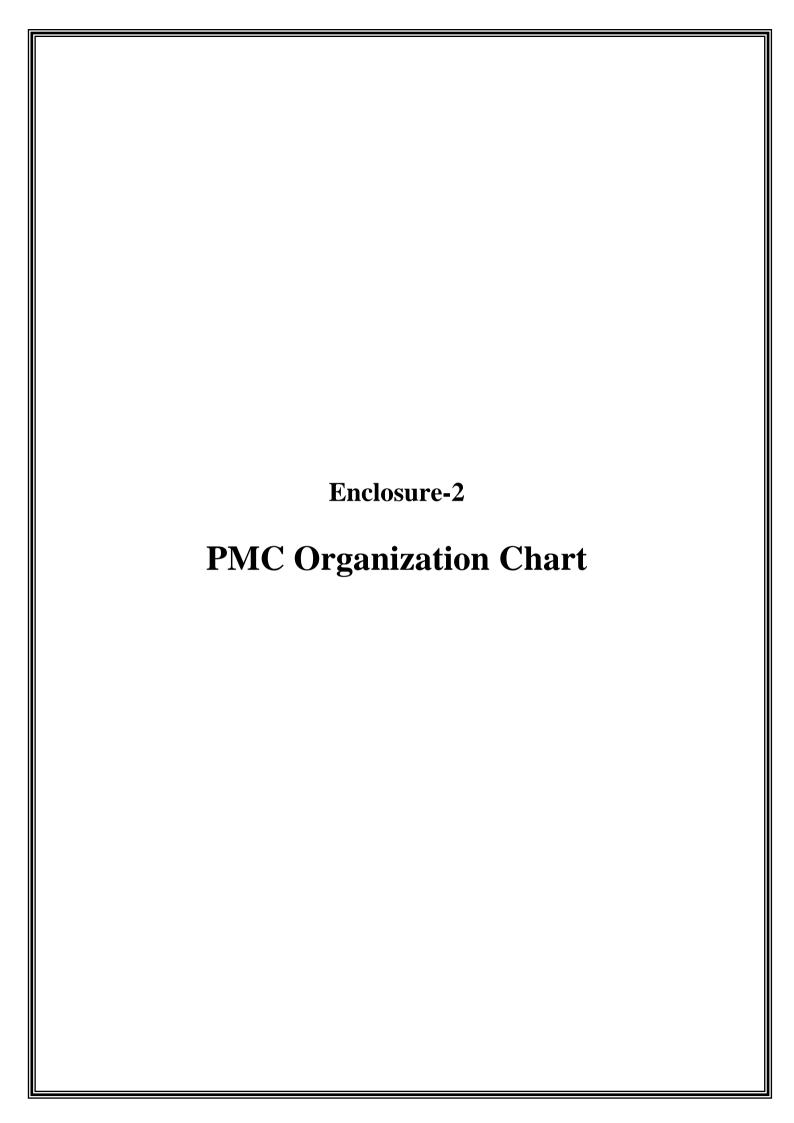
#### **ENCLOSURE-1**

SI. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	01.09.2022	736/G.S.B.	EE,PWD,Aligarh	To Make Available land records of PWD Ownership Under Garh-Syiana/Buland Shahar (SH-65)	
2	01.09.2022	530/A-6	EE,PWD,Kanpur	Regarding ID Cards Preparation after Micro Plan approved of Missing Link	
3	01.09.2022	816/RC-WBPCK/2022	SE,PWD,Kanpur	Missing Link Delay in Land Acquisition Activities and Meeting scheduled at UPPWD Headquarter on 02.09.2022 is postponed and Rescheduled on 09.09.2022 at 11:00AM at CE(EAP), UPPWD, Lucknow	
4	02.09.2022	839C/15C-WBPCK/2022	SE,PWD,Kanpur	Regarding Progress Review Meeting on 07.09.2022 at 12:00PM at Hamirpur Inspection House and after Meeting Site Inspection of Missing Link	
5	02.09.2022	821/10Com-Wbpcmbd/22	SE,PWD,Moradabad	Draft Copy of As Built Drawings for Structures	
6	02.09.2022	1924/Meeting/CEEAP/2022	CE,PWD,Lucknow	Minutes of Meeting (MoM) Dated 02.09.2022 -Review of preconstruction activities of Forest Clearances of Phase-II Roads and Present Status of Stage-2 Forest Clearances/Falling of Trees/Approval of Phase-I Roads (Stage-2 Forest Clearances of Hamirpur-Rath and Badaun-Bilsi-Bijnaour Road received on 05.07.2022)	received on Whatsup from DTL on 13.09.2022
7	02.09.2022	1934/Meeting/CEEAP/2022	CE,PWD,Lucknow	Minutes of Meeting (MoM) Dated 02.09.2022 -Review of preconstruction activities of Land Acquisition of Missing Link and Phase-II Roads	received on Whatsup from DTL on 13.09.2022

8	03.09.2022	844/8C-WBPCK/2022	SE,PWD,Kanpur	Regarding Progress Review Meeting on scheduled 07.09.2022 at 12:00PM rescheduled on 06.09.2022 at 12:00PM at Hamirpur Inspection House and after Meeting Site Inspection of Missing Link
9	03.09.2022	NKC/HO/GC/2022-23/002	NKC	Submission of Day Wise Monthly Maintenance Programme for the month September-2022
10	05.09.2022	717/UPCRNDP/CPR	EE,PWD,Moradabad	Recommendation for Final Approval of Cost Estimate of Common Property Resources (CPRs) of Badaun-Bilsi- Bijnaour Road Project
11	06.09.2022	NKC/HO/GC/2022-23/003	NKC	Compliance of O&M Site Inspection Report of Assistant Highway Engineer (Maintenance) Mr. Sanjeev Sharma dated 03.08.2022, 12.08.2022 & 15.08.2022
12	06.09.2022	845 C/08C-WBPCK/2022	SE,PWD,Kanpur	Minutes of Meeting (MoM) Dated 06.09.2022 regarding review of pre-construction activities of Missing Link
13	06.09.2022	NKC/HO/GC/2022-23/003	NKC	Compliances of AHE Site Inpection Report dated 03.08.2022, 12.08.2022 and 15.08.2022 during O&M period
14	11.09.2022	GHV/Site/SH-42/Rath/972	GHV	Submission of Monthly Maintenance Statement (MMS-13) for the Perid from 1st July to 31st July 2022
15	11.09.2022	GHV/Site/SH-42/Rath/973	GHV	Submission of Monthly Maintenance Statement (MMS-14) for the Perid from 1st August to 31st August 2022
16	11.09.2022	GHV/Site/SH-42/Rath/974	GHV	Compliance of site visit & inspection report of Team Leader, and Resident Engineer, Maintenance Team on Dated 5th July 2022
17	13.09.2022	GHV/Site/SH-42/Rath/975	GHV	Compliance of site visit & inspection report of Resident Engineer, Maintenance Team and Sr. Bridge Engineer on Dated 8th August 2022
18	13.09.2022	2002/Phase-II/UPCRNDP/SOC/CEWB/2022	CE,PWD,Lucknow	Notice to the NGO Sugam International Sansthan

19	15.09.2022	131/3C/2022	EE,PWD,Bahraich	Implementation of Resettlement Action Plan in Phase-II Roads - Resubmission of Draft Identification List of Non Title Holders and CPRs affected in SH-30 Bahraich-Gonda Road project for joint verification	
20	15.09.2022	131/3C/2022	EE,PWD,Bahraich	Implementation of Resettlement Action Plan in Phase-II Roads - Resubmission of Draft Identification List of Non Title Holders and CPRs affected in SH-30 Bahraich-Gonda Road project for joint verification	
21	16.09.2022	571/A-6	EE,PWD,Kanpur	Meeting on 19.09.2022 at 2:00Pm at Additional District Officer, Rath regarding Land Acquisition(Finalizing Rate of Purchased Land) of Missing Link (Rath-Garautha)	
22	17.09.2022	751/IC	EE,PWD,Moradabad	Tentative Plan for Land Verification Work of Moradabad- Haridwar-Dehradun Road (SH-49)	
23	19.09.2022	2048/1-01/UPCRNDP/CEEAP/2021	PD,UPPWD,Lucknow	Signed Certificate for Tendering Purpose of Part-A (Project Preparation including Detailed Engineering Design and Contract Documentation (Lump Sum))	Egis letter 1954 Fated 14.09.2022
24	19.09.2022	NKC/HO/GC/2022-23/004	NKC	Submission of Maintenance Payment Application No. 09 for the m/o August 2022	
25	19.09.2022	NKC/HO/GC/2022-23/005	NKC	Self Certification of Labour Compliances by the Contractor (Garautha-Chirgaon)	Egis letter 1954 Fated 14.09.2022
26	20.09.2022	GHV/Site/SH-42/Rath/976	GHV	Submission of Supplementary Agreement No-02 for Extension of time for Hamirpur-Rath Road Project	
27	22.09.2022	APCO/WB-UPPWD/EGIS/ST/779	APCO	Tree Plantation /Greenbelt Development of CA Schedule-D Appendix A-1 ESMP Table 1.3 Environmental Monitoring Plan.	
28	22.09.2022	APCO/WB-UPPWD/EGIS/ST/780	APCO	Regarding Reimbursement about Stolen Road Furniture & Sign Boards.	

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29	23.09.2022	810/H.K.	EE,PWD,Moradabad	Tentative Plan for Land Verification Work of Hamidpur- Kuchesar Road (SH-100)	
30	24.09.2022	GCL/Camp/SH-51/BBB/2022/975	GAWAR	Submission of Monthly Maintenance Statement (MMS-01 10th January'22 to March'22) Pursuant to Clause 19.6.	
31	24.09.2022	GCL/Camp/SH-51/BBB/2022/976	GAWAR	Submission of Monthly Maintenance Statement (MMS-02 April'22 to June'22) Pursuant to Clause 19.6.	
32	26.09.2022	916/8C-WBPCK/2022	SE,PWD,Kanpur	Regarding review the progress of land acquisition, forest proposal & Utility Shifting.	
33	24.09.2022	APCO/WB-UPPWD/EGIS/ST/781	APCO	Regarding the removal of encroachments.	
34	24.09.2022	GCL/Camp/SH-51/BBB/2022/975	GAWAR	Submission of Monthly Maintenance Statement (MMS-01 10th January'22 to 31st March'22) Pursuant to Clause 19.6.	
35	24.09.2022	GCL/Camp/SH-51/BBB/2022/976	GAWAR	Submission of Monthly Maintenance Statement (MMS-02 April'22 to June'22) Pursuant to Clause 19.6.	
36	26.09.2022	4756/1C	EE, PWD, Bulandshahar	Regarding to make available records of land under Garh- Siyana-Bulandshahr Road (SH-65)	
37	28.09.2022	2110/1-12/UPCRNDP/Social/CEEAP/2020	CE,PWD,Lucknow	Approval of Cost of 11 Nos. Common Property Resources (CPRs) as per Article-09 of Contract Agreement for Badaun-Bilsi-Bijnaour Road (SH-51)	from Email by Anil Katiyar
38	29.09.2022	2120/1-01/UPCRNDP/CEWB/2022	CE,PWD,Lucknow	Request to Approve Additional Man Months for IT Specialist (For Conducting PMIS Training by IT Specialist within one week).	Egis letter 1941 Dated 20.09.2022
39	29.09.2022	948/15C-WBPCK/2022	SE,PWD,Kanpur	Regarding Site visit of SE, Kanpur Hamirpur-Rath, Garautha-Chirgaon and review the progress of Missing Link land acquisition, forest proposal & Utility Shifting.	10 of 10



# @egisIndia 1.13 Consultant's Organization Chart

MONTH - SEPTEMBER 2022

