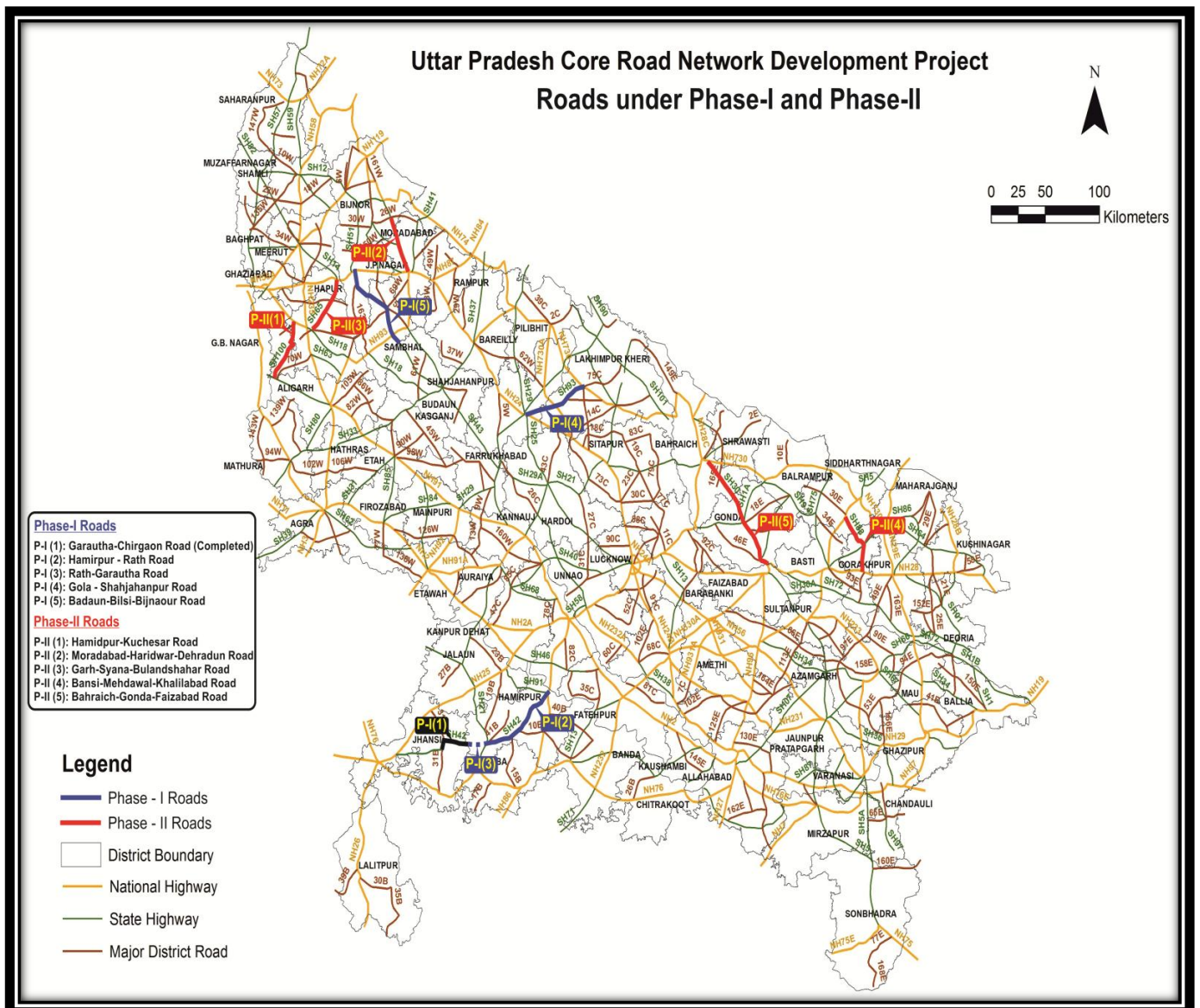




**UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT**  
**PROJECT MANAGEMENT CONSULTANCY SERVICES FOR UTTAR PRADESH CORE**  
**ROAD NETWORK DEVELOPMENT PROGRAMME**

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

**MONTHLY PROGRESS (O&M Period) REPORT No. 37**  
**JULY-2022**



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## **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:

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

### **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. 37** is prepared and submitted with respect to Terms of Reference (TOR) for Consultancy Services to Agreement between the Chief Engineer (EAP), Uttar Pradesh Public Works Department (UPPWD) and Egis India Consulting Engineers Pvt. Ltd, New Delhi.

**COMPONENT PART– A**

PROJECT PREPARATION INCLUDING DETAILED ENGINEERING DESIGN  
AND CONTRACT DOCUMENTATION



### 3 PART- A

#### 3.1 Phase-I Roads

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

S. No.	Phase-I Road/Works as per Contract			Subsequent Revision in Roads/Works by the Client		Present Status
	Road Name	Category	Length (Km)	Revised	Design Length	
1	Hamirpur-Rath-Gursahayganj-Jhansi Road	SH-42	168	Splits into three packages	158.812	Except Missing Link – Civil works on 2 Contract package is completed.
2	Gola-Shahjahanpur Road	SH-93	59	No Change	57.535	Completed on 15 <sup>th</sup> March 2022 and under Maintenance period
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.
		<b>Total</b>	<b>419</b>		<b>382.622</b>	

**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 251 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.

### 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:

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

### Phase-II Roads Progress

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

S. No.	Proposed Phase-II Roads				DPR Documents - Approval Status (By World Bank & PWD)				
	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	To be submitted
5	Moradabad-Haridwar-Dehradun	SH-49	36.170	444.95	4 Lane	Approved	Approved	Approved	To be submitted
6	Hamidpur-Kuchesar Road	SH-100	19.100	155.75	2 Lane	submitted	submitted	submitted	submitted
<b>TOTAL</b>			<b>193.051</b>	<b>2273.99</b>					
<b>Note:</b>	The Bid Documents for SH-49 & SH-65 roads shall be prepared with similar provisions of Bid Document for SH-30 as these Bids will also be ICB expected to be submitted by end of August 2022.								

### 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:

Sl. No.	Proposed Phase-II Roads		FC/EC - Application and Approval Status (by MoEFCC)						
	Roads	Length (Km)	FC/EC	FC No.	PF Area (Ha)	RF Area (Ha)	Non-Forest (Ha)	Trees in PROW/ To be Cut	Remarks
1	Rath – Garautha Road (Missing Link) SH-42	35.882	FC Applicable	FP/UP/ROAD/ 117342/ 2020	16.5506	4.068	108.683	4882	CA Land & Demand for payment awaited
2	Bansi-Mehdawal-Khalilabad SH-88	28.870	Not Applicable	NA	0.000	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	64.753	0.00	0.511	8863/ 1969	DGPS Map to be uploaded
4	Garh-Siyana-Bulandshahr Road SH-65	49.674	EC Applicable	To be Applied	26.984	0.000	34.474	11660/ 6995	Joint Inspection is under progress
5	Moradabad-Haridwar-Dehradun SH-49	36.170	FC Applicable	FP/UP/ROAD/1 53873/2022	32.173	0.000	13.320	7176	EDS closed. CA land-DGPS details uploaded.
6	Hamidpur-Kuchesar Road SH-100	19.100	Not Applicable	NA	0.000	0.000	3.866	9630	Demand Payment done by PWD
<b>TOTAL</b>		<b>228.933</b>			<b>140.4606</b>	<b>4.068</b>	<b>165.7322</b>	<b>20523/ 41532</b>	
<b>Note:</b>		FC is not involved for SH-88 & SH-100, however to cut the affected trees Demand Note for payment is received for both the roads by concerned Forest Division (FD). 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

Sr. 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.	<b>Bahraich-Gonda-Faizabad Road (SH-30)</b>	09.03.2021	03.05.2021	25.06.2021	22.07.2021	30.07.2021	09.08.2021
2.	<b>Bansi-Menhdawal-Khalilabad Road (SH-88)</b>	09.03.2021	03.05.2021	25.06.2021	12.07.2021	30.07.2021	09.08.2021
3.	<b>Rath- Garautha Road (Missing Link) (SH-42)</b>	13.05.2021	27.05.2021	07.07.2021	22.07.2021	30.07.2021	09.08.2021
4.	<b>Moradabad-Haridwar-Dehradun Road (SH-49)</b>	09.03.2021	03.05.2021	13.07.2021	22.07.2021	30.07.2021	08.02.2022
5.	<b>Garh-Siyana-Bulandshahr Road (SH-65)</b>	24.05.2021	31.05.2021	18.07.2021	22.07.2021	30.07.2021	08.02.2022
6.	<b>Hamidpur-Kuchesar Road (SH-100)</b>	07.06.2021	22.07.2021	09.08.2021	17.08.2021	30.08.2021	08.02.2022

### 2. Status of Pre Activities

SL 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	Remarks
1	SH-42	Hamirpur	Rath	13	67.453	874	Completed	Received	Completed	04.07.2022	Awaited	81.4 percent consent (Sahmati Patra) has been obtained from titleholders in total affected 13 villages. (As per the GoUP order ,2015 for acquisition of land through direct purchase , overall 80 % Sahmati (consent ) is mandatory
2		Jhansi	Gharauth	4	39.589	392	Completed	Received	Completed	22.06.2022	12.07.2022	NGO have been directed to draft the required number of registries in consultation with PWD, WB, Kanpur and sub-registrar, Garautha Tehsil
3	SH-88	Siddharth Nagar	Bansi	12	1.887	317	Completed	Awaited				Obtained verification report of 6 villages out of 12, remaining in progress
4		Sant Kabir Nagarr	Menhdawal	9	2.912	378	Completed	Completed	Completed			Preparation of land proposal is in progress
5	SH-30	Bahraich	Bahraich	3	0.209	63	Completed					
6		Gonda	Gonda	2	0.302	18	Completed	Completed	Completed	Yet to be decided		
7	SH-49	Moradabad	Moradabad/Kanth	18	11.011	866	In progress					
8	SH-65	Bulandshahr	Bulandshahr	26	28.647	828	In progress					
9		Hapur	Garhmukteswar	8	4.106	355	In progress					
10	SH-100	Bulandshahr	Sikandrabad	8	3.866	323	In progress					
<b>Total</b>				<b>103</b>	<b>159.982</b>	<b>4414</b>						

### Phase-II Roads Meetings

**30.07.2022-** Meeting organized by the Project Director UPPWD on 30<sup>th</sup> July 2022 at 11:00AM at UPPWD, Head Quarter UPPWD in order to review the progress of Phase-I Roads Maintenance Activities and DPR Status of Phase-II Roads for Social and Environmental activities. Minutes of Meeting (MoM) Dated 30.07.2022 issued by the UPPWD vide letter No 1682 EAP/Meeting/CEEAP/2022 Dated 30.07.2022.

### 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 July-2022

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

Sl No.	Description	Contract Amount (INR)	Amt. as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	8,22,86,700	9,03,54,046	6,28,84,969	2,74,69,077
2	Remuneration for Non-Key Professionals	18,79,38,800	14,74,53,510	8,45,61,170	6,28,92,340
3	Reimbursable Expenses	4,46,07,516	4,83,63,117	2,91,73,814	1,91,89,303
<b>Total</b>		<b>31,48,33,016</b>	<b>28,61,70,673</b>	<b>17,66,19,953</b>	<b>10,95,50,720</b>
4	Escalation			4,26,62,180	
<b>Grand Total</b>		<b>31,48,33,016</b>	<b>28,61,70,673</b>	<b>21,92,82,133</b>	

## **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**

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

## 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 Rate Contract was only for one year which completed on 31 <sup>st</sup> December 2021 with the extended period of two months.			

## 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:

Name of Road/ Work	Contractor	Length (Km)	Status of As Built Drawings	
			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	Submission 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 Road Section:								
Project Road	UPG-01: Hamirpur-Rath SH-42		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 (in Km)		Length (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



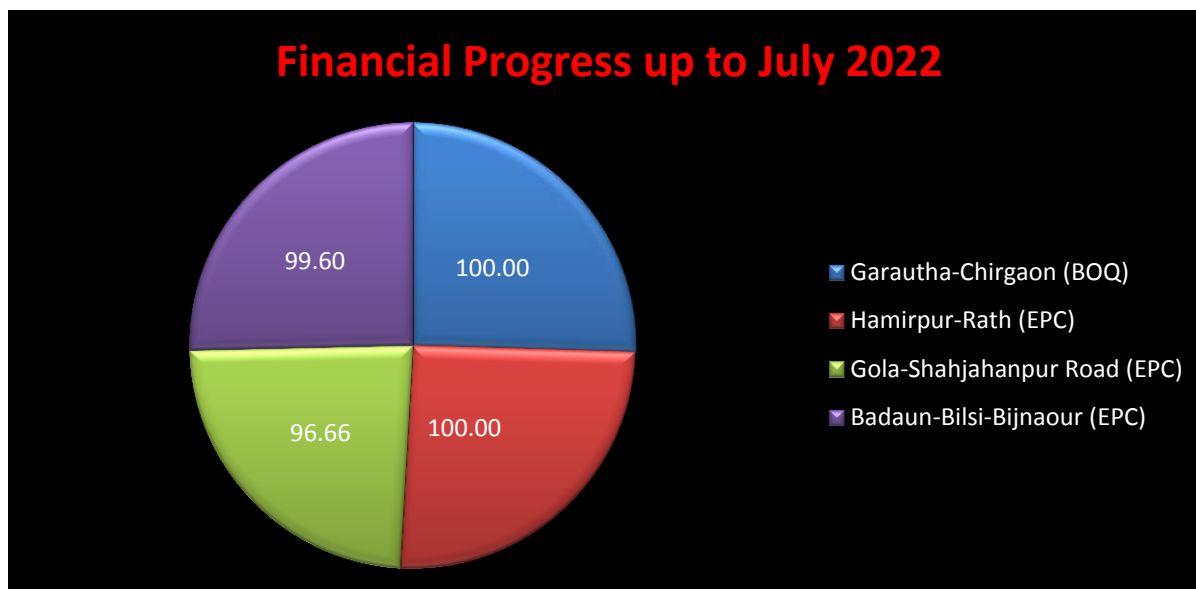
Rigid Pavement: Reconstruction / New 2-lane realignment / bypass	16.935	16.935	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total</b>	<b>72.785</b>	<b>72.071</b>	<b>49.145</b>	<b>49.145</b>	<b>57.535</b>	<b>56.388</b>	<b>79.125</b>	<b>79.125</b>
<b>Length for O&amp;M</b>	<b>72.071</b>		<b>49.145</b>		<b>56.388</b>		<b>78.309</b>	

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:

<b>Project Road - Completed Structures:</b>								
<b>Project Road</b>	<b>UPG-01: Hamirpur-Rath SH-42</b>		<b>UPG-02: Garautha- Chirgaon SH-42</b>		<b>UPG-03: Gola- Shahjahanpur SH-93</b>		<b>UPG-04: Badaun-Bilsi- Bijnaour SH-51</b>	
<b>Contractor</b>	<b>M/s GHV (India) Pvt. Ltd.</b>		<b>M/s NKC Projects Pvt. Ltd.</b>		<b>M/s APCO Infratech Pvt. Ltd.</b>		<b>M/s GAWAR Construction Ltd.</b>	
<b>Type of Structures (In Nos.)</b>	<b>As per CA</b>	<b>Revised</b>	<b>As per CA</b>	<b>Revised</b>	<b>As per CA</b>	<b>Revised</b>	<b>As per CA</b>	<b>Revised</b>
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
<b>Total</b>	<b>126</b>	<b>129</b>	<b>99</b>	<b>98</b>	<b>97</b>	<b>96</b>	<b>112</b>	<b>111</b>

### 13. Financial Progress



Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)	Paid IPC Nos.	Remarks
Garautha-Chirgaon (BOQ)(Revised Cost) Part-1	183.92	183.92	IPC-24	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	
<b>TOTAL (In Crore)</b>	<b>1150.55</b>	<b>1113.92</b>		

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

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

**12.07.2022-** Meeting was held on 12<sup>th</sup> July 2022 at 11:00AM at UPPWD, Head Quarter UPPWD in order to discuss the issues of Gola-Shahjahanpur (UPG-03) and Badaun-Bilsi-Bijnaour Road (UPG-04) projects and the same attended by the Team Leader Mohd Ayaz Beg, Deputy Team Leader Mr. Sarwan Singh Saini, Resident Engineer Maintenance Team Mr. Anjani Kumar and Sr. Quantity Surveyor Mr. Anil Katiyar along with the Contractors (APCO and GAWAR) Representative. Minutes of Meeting (MoM) issued by the Authority vide letter No. 1544 EAP Meetings/CEEAP/2021 Dated 18.07.2022.

However, Authority Engineer was disagreed with the Authority Statement that “*AE suggested that NO deduction shall be made for the RAP material used by the Contractors as both Contract are EPC Mode Contracts.*” of Point No. 11 as stated in the MoM Dated 12.07.2022 and sought advice from the Authority on the above, as the RAP material is the property of the Authority in order to close the projects by finalizing the Final Payment Statement as per Clause 19.13 of the Contract Agreement vide Egis letter Egis India/LKO/UPCRNDP/2022/1875 Dated 22.07.2022.

**14.07.2022**- Meeting regarding present status of maintenance activities of Badaun-Bilsi-Bijnour Road Project carrying out by the Contractor and other pending issues of the project was organized by the Authority with AE’s Representative Assistant Highway Engineer Mr. Pramod Kumar Singh and Contractor’s Representative on 14.07.2022 and Minutes of Meeting (MoM) Dated 14.07.2022 issued vide UPPWD letter No. 692/4EA WBPC M/22 Dated 14.07.2022 (received on 21.07.2022). The same MoM forwarded to the Contractor (GAWAR) for necessary compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1876 Dated 22.07.2022.

**20.07.2022 and 21.07.2022** – Meeting organized by the UPPWD on brief information on EAP (World Bank Funded) for visit of Department of Economic Affairs Ministry of Finance, Govt. of India on 20.07.2022 and 21.07.2022 at 11:00AM at Hotel Hayat, Gomtinagar, Lucknow. Team Leader Mohd. Ayaz Beg and Environmental Expert Mr. Devbrat Singh attended Meeting with Presentation.

**30.07.2022**- Meeting organized by the Project Director UPPWD on 30<sup>th</sup> July 2022 at 11:00AM at UPPWD, Head Quarter UPPWD in order to review the progress of Phase-I Roads Maintenance Activities and DPR Status of Phase-II Roads for Social and Environmental activities. Minutes of Meeting (MoM) Dated 30.07.2022 issued by the UPPWD vide letter No 1682 EAP/Meeting/CEEAP/2022 Dated 30.07.2022.

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

**01.07.2022**- Site Visit carried out by the Deputy Team Leader Mr. Sarwan Singh Saini on 30.06.2022 and 01.07.2022 for Badaun-Bilsi-Bijnour Road Project and Site Inspection Report issued to the Contractor (GAWAR) for compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1857 Dated 08.07.2022

**05.07.2022 and 06.07.2022**- Site Visit carried out by the Mohd. Ayaz Beg Team Leader and Mr. Anjani Kumar RE Maintenance Team for Hamirpur-Rath (UPG-01) Road and Garautha-Chirgaon Road respectively and Site Inspection Report Dated 05.07.2022 issued to the Contractor (GHV) vide Egis letter Egis India/LKO/UPCRNDP/2022/1862 Dated 12.07.2022 and Site Inspection Report Dated 06.07.2022 issued to the Contractor (NKC) vide Egis letter Egis India/LKO/UPCRNDP/2022/1863 Dated 12.07.2022.

**14.07.2022**- Site visit carried out by the Authority Representatives (Project Director and Superintending Engineer) on 14.07.2022 for the Gola-Shahjahanpur project road accompanied by the Deputy Team Leader Mr. Sarwan Singh Saini, Resident Engineer Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma. Site Inspection Notes issued by UPPWD notified to the Contractor (APCO) for your necessary compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1871 Dated 19.07.2022.

**Assistant Social Development Mr. Bikram Singh has visited the Missing Link Project Site and organized Meetings on the following dates in order to resolve the issues of land acquisition:**

**06.07.2022 to 09.07.2022-** Assistant Social Development Specialist visited Missing Link Project Road (Rath) along with UPPWD Social Expert for Consultation with non –consensual land owners for getting consent of land acquisition.

Meeting organized with Non–Consensual Land Owners and Sub –Registrar Tehsil- Rath, District- Hamirpur on 13.07.2022.

**14.07.2022-** Meeting held on 14.07.2022 with DFO, Hamirpur regarding resolution of differences between Forest land and Revenue land.

#### **Site Inspection by the UPPWD Officials during the June Month**

**14.07.2022-** Site visit carried out by the Authority Representatives (Project Director and Superintending Engineer) on 14.07.2022 for the Gola-Shahjahanpur project road and Site Inspection Notes issued by UPPWD vide letter No. 511/800-23/UPCRNDP/WBYC/21 Dated 19.07.2022.

#### **15. Correspondence Management**

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



**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
<b>TEAM LEADER'S OFFICE</b>				
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 Ranjan Verma	39	01.05.20	Part-B Services
Senior Quantity Surveyor (Additional)	Mr. Anil Katiyar	42	19.02.20	Part-B Services
PMIS/Procurement Sub-professional	Mr. Deepak Pant	72	26.06.19	
Assistant Social Development Specialist (Additional)	Mr. Bikram Singh	10	11.09.19	
Office Manager cum Accountant	Mr. K.C.Joshi	72	14.05.18	
Computer Operator	Mr. Ashok Kumar Srivastava	72	15.04.15	
Office Assistant	Mr. Sunil Kumar	72	03.06.19	
Watchman	Mr. 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
<b>TEAM LEADER'S OFFICE (LUCKNOW)</b>				
1	MARAZZO	UP-32 LN 6457	13.08.2019	
2	TATA JEST	UP-32 LN 1212/UP-32 LN 2888	23.07.2018	Vehicle UP-32 LN 1212 replaced with UP-32 LN 2888 from 16.06.2022.
<b>CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH</b>				
1	Dzire	UP-93 AR 8893	01.05.2020	
<b>CONTRACT PACKAGE – UPG/03 GOLA - SHAHJAHANPUR</b>				
1	BOLERO	UP-27 AT 8925	01.05.2022	
<b>CONTRACT PACKAGE –UPG/04 BADAUN – BILSI - BIJNAOUR</b>				
Nil				

## 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](mailto:egis_upcrndp@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.

<b><u>Contract Package – UPG/01</u></b>  <b>Hamirpur – Rath Section of SH-42</b> Project Site office and Staffs (Except AHE) are demobilized from 1 <sup>st</sup> May 2022.	<b><u>Contract Package- UPG/02</u></b>  <b>Garautha–Chirgaon Section of SH-42</b> Project Site office and Staffs (Except AHE) are demobilized from 31 <sup>st</sup> December-2020.
<b><u>Contract Package – UPG/03</u></b>  <b>Gola – Shahjahanpur Section of SH-93</b> Project Site office and Staffs (Except AHE) are demobilized from 1 <sup>st</sup> May-2022.	<b><u>Contract Package – UPG/04</u></b>  <b>Badaun–Bilsi–Bijnaour Section of SH-51</b> 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 advised to prepare and submit Addendum/Supplementary Agreement for the Extension of Contract Period vide our letter no. Egis India/LKO/UPCRNDP/2022/1821 Dated 10.06.2022.

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

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

- 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 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. 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 Maintenance Team is looking after the Maintenance of the Project from 1<sup>st</sup> May'22 and AHE based at UPG-02 site**, visit the project site of Garautha-Chirgaon Road on regular intervals and inform the Contractor for major responsibilities during the DLP/maintenance period of 5 years and notify the observations (along with photographs) for immediate rectifications in writing with evidence/photos.

**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 July 2022 will be submitted for AE's review.

**iii. Monthly Maintenance Payment Certificate**

The Contractor has submitted Maintenance Payment Certificate No.1 to 6 vide his letter Nos. NKC/HO/GC/2022-23/361,362,363&364 Dated 08.03.2022 NKC/HO/GC/2022-23/381 &382 Dated 17.03.2022 and recommended by TL office on Dated 21.03.2022 &22.03.2022 vide letter No. Egis India/LKO /UPCRNDP/2022/1691,1692, 1693,1694,1696&1697 of IPC-1 to IPC-6 respectively up to the March 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 Team Leader Mohd. Ayaz Beg & Resident Engineer Mr. Anjani Kumar on dated 06.07.2022 and Inspection and Observations Report issued to the Contractor for compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1863 Dated 12.07.2022.

**vii. Key Issues**

- Contractor strictly instructed to ensure that the 2 Nos. Toilet Blocks at Truck Lay Bys 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 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.
- Metal Beam Crash Barriers have not been connected with RCC Crash Barriers at Bridge locations. Contractor has to connect the MBCB to RCC Crash Barriers as soon as the connectors are delivered to prevent any accidents. In the meantime the Contractor instructed to immediately place sand bags with reflective tape at these locations.
- 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/PMC immediately to prevent serious accidents.

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 July 2022 and summarizes the activities up to end of this month.

Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Appointed Date (as per Contract)	Actual Completion Date	O&M Period/ DLP Period/ Commencement Date
UPCRNDP/UPG/01/2018 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

\*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. No.	Affected Chainage		Affected Length (Mtr.)	Govt. Agency
	From	To		
1	63.026	63.740	714	UPEIDA
<b>Total Length in Mtr.</b>			<b>714</b>	

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 has been advised to prepare and submit Addendum/Supplementary Agreement for the Extension of Contract Period vide our letter No. Egis India/LKO/UPCRNDP/2022/1819 Dated 10.06.2022 however submission is awaited till date.

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 & DLP	Routine maintenance of the Project road for a period of 5 years commencing from the date of Provisional Completion Certificate (PCC) as per Contract agreement (Sub-clause 14.1.1) of Article 14 and (Sub-clause 17.1.1) of Article 17 respectively.	O&M Phase started from 12 <sup>th</sup> July 2021
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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**

Contractor has been advised to submit the Maintenance Program as per Clause 14.3 of Article 14 of Contract Agreement.

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

The Contractor has submitted the Monthly Maintenance Statement MMS 10 to MMS 12 (IPC 04) for the period from 1<sup>st</sup> April 2022 to 30<sup>th</sup> June 2022 vide letter No. GHV/site/SH-42/RATH/966 Dated 18.07.2022 and the same was certified and recommended to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1874 Dated 21.07.2022.

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 Team Leader Mohd. Ayaz Beg & Resident Engineer, Maintenance Team Mr. Anjani Kumar on dated 05.07.2022 and Inspection and Observations Report issued to the Contractor for compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1862 Dated 12.07.2022.

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

- Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client/PMC immediately to prevent serious accidents.
- Contractor replanting of dead tree saplings work in progress.
- Contractor to employ women for general maintenance works.
- 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.
- Contractor is progressing with the cleaning of all inlets and outlets of the culverts and bridges for free flow of water and prevent flooding. Also is cleaning inside of RCC Drains and the weep holes to prevent flooding of the carriageway and the adjacent properties.
- 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.
- The Contractor has started to construct the kerb to channelize the rain water to chute drain in high embankment area in order to avoid erosion of earth during rainy season.
- The Contractor instructed to make all 4 No: 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.
- Contractor has started to rectify the settlement of road, Kerbs and painting and safety arrangements by providing STOP sign and Direction Arrows to guide the road users at Junction at Ch. 2+065

**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

\* 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
	From	To		
1	29.515	30.317	802	NH Division
2	59.035	59.380	345	NH Division
<b>Total Length in Mtr.</b>			<b>1147</b>	

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 both 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 & DLP	Routine maintenance of the Project road for a period of 5 years commencing from the date of Completion Certificate (CC) as per Sub-clause 17.1.1 of Article 17 of Contract Agreement (CA).	O&M Phase started from 15 <sup>th</sup> March 2022
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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 Batching Plants	01	Ch.39+600LHS	30Cum/Hr.	Idle/ dismantling
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 instructed to re-submit the “As Built Drawing of Structures and Highway” vide letter No. Egis India/LKO/UPCRNDP/2022/1849 Dated 01.07.2022 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**

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 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 01 to MMS 04 (IPC 01) for the period from 15<sup>th</sup> March'2022 to 30<sup>th</sup> June'2022 submitted by the Contractor vide letter No. APCO/WB-UPPWD/EGIS/ST/768 Dated 20.07.2022 has been certified and recommended to the Authority vide letter No. Egis India/LKO/UPCRNDP/ 2022/1878 up to June 2022 Dated 27.07.2022.

The Contractor has been advised to submit the Monthly Maintenance Statement as per Clause 19.6 of the Contract Agreement.



**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 Project Director P.W.D. Mr. Shri Raj along with P.W.D. officials along with DTL, RE and SBE (Egis) on dated 14.07.2022 and Inspection and Observations Report issued to the Contractor UPPWD letter no. 511/800-23/UPCRNDP/WBYC/21 Dated 19.07.2022 & vide Egis letter no. Egis India/LKO/UPCRNDP/2022/1871 Dated 19.07.2022 respectively.

**i. Key and Potential Issues**

- The Contractor reminded of the safety requirements before carrying out any maintenance works on the completed live carriageway and submit the Traffic Management Plan to the AE for approval and have all safety equipment such as Plastic Barriers, Traffic cones and temporary advance road works signs available on site.
- 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 wall AS BUILT DRAWINGS (ABD) in accordance with Contract Agreement (2 copies of A2 Size on Polyester paper) which were submitted in A3 size on normal paper for AE's review which were reviewed and returned with comments to be included in the final ABD.
- All ESHS requirements shall be fulfilled by the Contractor as per approved ESMP Plan for Maintenance.
- The Contractor has started to replace all dead tree saplings with tree guards in order to take advantage of monsoon rain season.
- Contractor instructed to submit the Consolidated Waste Management Plan before final closure/expiry of land owner's agreement for both Camps.
- The Chute Drains at the high embankments are completed by the Contractor to prevent damage to the slopes by rain cuts.
- All Stone Pitching at structure quadrants must be inspected and any damaged areas repaired before the Monsoon Rains. The Contractor is progressing with these works.
- 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. AE also advised that daily inspection of this area must be carried out vigilantly.
- Compliance of Road Safety Audit (RSA) report submitted to the Authority vide our letter no. Egis India/LKO/UPCRNDP/2022/1885 Dated 30.07.2022

**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		Affected Length (Mtr.)
	From	To	
1	93.709	93.865	156
2	105.150	105.362	212
3	107.729	108.053	324
4	108.363	108.487	124
<b>Total Length in Mtr.</b>			<b>816</b>

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

**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.

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

**2. Human Resources**

The Contractor mobilised key staff is listed in table below;

<b>Sl.</b>	<b>Designation</b>	<b>Name</b>	<b>Status</b>
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 submitted draft copy of “As Built Drawings for Structures” through Mail and the same have been reviewed by AE and the observations issued to the Contractor for complying comments vide letter No. Egis India/LKO/UPCRNDP/2022/1840 Dated 23.06.2022. Re-submission is awaited till date.

**ii. 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 however submission is awaited till date.

**iii. Monthly Maintenance Statement (MMS)**

The Contractor has been instructed to submit the initial Monthly Maintenance Statement along with the Monthly Maintenance Program & requisite documents for the activities carried out during O&M phase in order to certify the Maintenance Payment Certificate however no submission by the Contractor till date.

**iv. 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.

**v. 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.

**vi. 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 and the same again requested to the Authority vide letter No. Egis India/LKO/UPCRNDP/2022/1866 Dated 15.07.2022 however approval from the Authority is awaited till date.

**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 visit program of Dy. Team Leader Mr. Sarwan Singh Saini on dated 30th June 2022 to 2nd July 2022 intimated to the Contractor vide Egis letter no. Egis India/LKO/UPCRNDP/2022/1845 Dated 29.06.2022.

- Site Inspection carried out by the S.E., P.W.D. Mr. Sudhir Kumar, E.E., P.W.D. Mr. Atul Kumar Sharma & Assistant Engineer, P.W.D. Mrs. Garima Srivastav on Dated 19.07.2022.

**i. Key Issues**

- 13 Nos. Bus Shelters location after finalization constructed by Contractor. Instructed Contractor to complete remaining 3 Nos. Bus Shelters painting ASAP.
- 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 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.
- Three Irrigation canal crossings by UP Irrigation Department with Bridge/Box Culverts have been completed and the pavement reinstated at three crossings, however, concerns expressed of quality of work as per UPPWD standards. The fourth Irrigation canal crossing under progress and expected to be completed by end of August 2022. 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.
- Contractor progressing to clean inlet and outlet of all structures prior to start rain and check chute drain in all high embankment area and ensuring the proper channelization to guide rain water in order to avoid any damage to the embankment during rainy season.
- Contractor to mobilize team for construction of Table top ASAP for safety of road users.
- Contractor has completed all CPR works but approval from the Authority is awaited regarding the CPR estimate approval request reminder has been given to Authority vide our letter no. Egis India/LKO/UPCRNDP/2022/1866 Dated 15.07.2022.

**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 monitored at Civil works Phase and O&M Phase of Contract packages.

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

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

Package	Table B -Status of Insurance Coverage					
	Employees Compensation (WC) Policy		Contractor's All Risk (CAR) Policy.		Public (3rd Party) liability Insurance	
	Insurer	Valid	Insurer	Valid	Insurer	Valid
UPG-01	IFFCO-TOKIO GENERAL INSURANCE CO.LTD	03-06-22	IFFCO-TOKIO GENERAL INSURANCE CO.LTD	11-07-26 Extended up to O&M Period	IFFCO-TOKIO GENERAL INSURANCE CO.LTD/32123941	11-07-26 Extended up to O&M Period
UPG-02	LIBERTY GENERAL INSURANCE LTD.	19-11-21 (Expired-DLP Over)	The New India Insurance Co. Ltd.	01-11-21 (Expired – DLP Over)	The New India Insurance Co. Ltd.	01-11-21 (Expired – DLP Over)
UPG-03	FUTURE GENERAL INDIA INSURANCE COMPANY LIMITED	03-04-23 (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-01 the schedule and term of Contractor's CAR Policy under sub-clause C006 the O&M Period is covered.

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

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

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

## 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 Borrow Pits shown below:

<b>Table-C: Summary of the Selected Borrow Areas of the Contractors w.r.t EMAP.</b>									
Contract Package	Total No. of Borrow Areas Identified	No. of Borrow Areas approved w.r.t. EMP	No. of Borrow Areas				Rehabilitated	Balance for Rehabilitation	DC's Permission for borrowed Qty.
			Exhausted	Ongoing	Yet to be started	Qty. still Balance for use			
UPG-01	36	33	33	0	0	0	33	NIL	33
UPG-02	47	38	38	0	0	0	38	NIL	38
UPG-03	45	38	38	0	0	0	38	NIL	38
UPG-04	45	36	30	0	0	1	30	NIL	31
<b>Total</b>	<b>173</b>	<b>145</b>	<b>139</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>139</b>	<b>0</b>	<b>140</b>

**Note:**

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

**UPG-04:** 1 BA is kept for O&M period.

**iii. Status of O&M Phase ESMP Issues along with updated status is as below:**
**1. ESHS Cell/ Staff:**

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

**2. Tree/ Avenue Plantation**

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

<b>Table-E: Tree/ Avenue Plantation Status (In Numbers)</b>					
<b>Package</b>	<b>No of Trees Cut</b>	<b>Trees as per CA</b>	<b>Length in Km</b>	<b>Completed</b>	<b>Balance</b>
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
<b>TOTAL</b>	<b>74190</b>	<b>63776</b>	<b>62.517</b>	<b>46314</b>	<b>17462</b>
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 shall be taken-up by the Contractor during 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 to be taken-up during coming monsoon. **UPG-04** Remaining Tree plantation/ Saplings including replacement of deed plants to be taken-up during coming monsoon.

**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 Status (In Numbers)		
	Approved	Completed	Performance Verified
UPG-01 Hamirpur-Rath	42	42	NIL
UPG-02 Garautha-Chirgaon	25	25	25
UPG-03 Gola-Shahjahanpur	89	89	NIL
UPG-04 Badaun-Bilsa-Bijnaour	112	112	NIL
<b>Total</b>	<b>382/268</b>	<b>268</b>	<b>25</b>
Note: The performance of Rainwater Harvesting shall be monitor during the coming Monsoon of year 2022.			

#### 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** except site cleaning work.

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

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

**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 has not been completed hence DLP period recommended to extend up to 31<sup>st</sup>Decemeber 2021 – Works are completed in Dec-21
- (ii) Avenue Tree Plantation shall be initiated by the Forest Department in consultation with Client/PWD.

**UPG-03:** DFO South Kheri demanded the provisions of 3 (Ch.12+870, Ch.13+546 & Ch.15+205, – Wild Animal /Cattle Underpass in the Reserve Forest Area Sections (Ch.12+000 to Ch.13+800 & Ch.14+680 to Ch.16+065); In principal the Authority has granted permission vide letter ref. no.95/800-6/UPCRNDP/WBYC/19 dated.17/01/2020.CUPworks are completed at all 3 locations except 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 26/04/2022 (Renewal copy awaited)	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	Available-Validity till 03/06/2022	Available-Validity till 19/11/2021 (Renewal copy awaited)	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 (Valid till DLP)	Available-Validity till 10/05/2022 (Renewed) + 60 months for O&M Phase	Available-Validity till 03/02/2022 (Renewed) + 60 months for O&M Phase
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

S.No.	REQUIRED DATA		UPG-01	UPG -02	UPG-03	UPG-04	TOTAL
	Description	Unit	Month of July, 22	Month of July, 22	Month of July, 22	Month of July, 22	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos.	7	5	28	12	52
2	Man-hours worked / Day (as above)	Hrs.	56	40	224	96	416
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	1456	1040	5824	2496	10816
PROJECT CRASH DATA REPORT							
1	First Aid Incidents	Nos.	0	0	0	0	0
2	Category (a) Incident: Involving Project Person or Project Machinery						
a	Fatal Incidents occurred at construction zone involving Project person/machinery	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
3	Category (b) Incident: Involving Public / Road Users adjacent to Work zones						
a	Fatal Incidents occurred at construction zone involving public	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
4	Category (c) Incident: Involving Public / Road Users beyond Work zones						
a	Fatal Incidents occurred at non-construction zone involving Public	Nos	1	1	2	4	8
b	Major Injury	Nos	0	0	0	3	3
c	Minor Injury(Road Incident Data )	Nos	0	0	1	3	4
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
<b>Note:- All data as provided by the Contractor and verified by AE's Field Staff. UPG-01 and UPG-02 Project Completed; O&amp;M Period is Under Progress.</b>							

**a. Road Safety Project Implementation Status**

ROAD SAFETY IMPLEMENTATION STATUS				
Vision Plans to Minimize Accidents				
S.N.	Project Name	Plans Description	Contractors Submission Date/ Letter No	AE's Approval Date and Letter No
1	UPG-01 HR-SH-42	Traffic Safety Management Plan (Rev-01)	GHV/Site/SH-42/Rath/197 Dated 14.10.2019	Egis India/RE-UPG-01/UPCRNDP/120/2019 Dated 04.12.2019
2	UPG-03 GSP-SH-93	Traffic Safety Management Plan (Rev-01)	APCO/Site/SH-93/GSP/ Letter No.59 dated 19.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Approval Letter No. 33 dated 20.11.2019
3	UPG-03 GSP-SH-93	Diversion Plan for the Construction zone of project Highway. (Rev-00)	APCO/Site/SH-93/GSP/ Letter No.51 dated 06.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Revision Letter No. 19 dated 13.11.2019
4	UPG-03 GSP-SH-93	Diversion Plan for the Construction zone of project Highway.(Rev-01)	APCO/Site/SH-93/GSP/ Letter No.58 dated 19.11.2019	Egis India/RE-UPG-03/UPCRNDP/ Approval Letter No. 32 dated 20.11.2019
5	UPG-04 BBB SH-51	Traffic Safety Management Plan	GCL/CAMP/SH-51/BBB/2020/131	Egis India/REUPG-04/UPCRNDP/087/2020 on 22.02.20
6	UPG-04 BBB SH-51	Diversion Plan for the Construction zone of project Highway.	GCL/Camp/SH-51/BBB/2020/399	Approved
7	UPG-02 G-C SH-42	Project Completed: Traffic Safety and Control Plan included in "Operation and Maintenance" Manual	O&M - NKC/Site/2020-21/GC/892 dated. 27-07-2020	Egis India/LKO/UPCRNDP/2020/934 dated 29.07.2020
CERTIFICATION & IMPLEMENTATION OF ISO STANDARDS				
1	UPG-01 HR-SH-42	ISO 14001 & ISO 45001	GHV/Site/SH-42/Rath/559 Dated 05-10-2020	ISO 14001 and ISO 45001 Valid till 07/11/2021

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

#### CURRENT MONTH AE'S OBSERVATIONS & COMPLIANCE STATUS

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

#### ROAD SAFETY EDUCATION & TRAINING FOR ALL PROJECT EMPLOYEES

Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-01-HR-SH-42	Safety Induction (First-aid, Use the PPE's, & Working at heights)		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		0
6	UPG-01-HR-SH-42	Vehicle Inspection & Training		0
S.No.	Project Name	Description of Program	Training provided by	No. of Person
1	UPG-02 G-C SH-42	Project Completed: Training on "How safely working on live road"		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 SAFETY INSPECTION BY AE's HSE TO PROJECT WORKING SITE

S.No.	Project Name	Description of Program	Training provided by	Condition
1	UPG-01-HR-SH-42	Plant & Equipment Inspection Done	0	0
2	UPG-01-HR-SH-42	Site SHE Inspection	0	0
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.	0	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
9	UPG-04 B-B-B SH-51	Site SHE Inspection	0	0
10	UPG-04 B-B-B SH-51	Work at Height Inspection	0	0
11	UPG-04 B-B-B SH-51	Fire Extinguisher 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	30
Safety Cones	15	40	50	30
Safety Sign Boards	4	2	10	2
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 31 <sup>st</sup> 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 31 <sup>st</sup> 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	COVID-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%	09.11.2021 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%	02.11.2021 Actual completion on 10 JAN 2022	Completed on 08. OCT. 2020	Completed on 8 APRIL 2021	Completed on 27 JAN 2022	COVID-19 delays estimate Extension of Time (EOT) of 2 months. Completed on Date 10 <sup>th</sup> 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.

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

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

**Risk Management Status as on 31.07.2022 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	H	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**

Risk #	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.	AE / Contractor	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	H	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	Safety of Road Users and pedestrians	Public Vehicle Breakdown/Accident/Encroachment on shoulder and carriageway with storage of building materials.	Traffic Jam/Inconvenience to road user and Hazards can cause serious accident	Contractor	H	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	Various Insurance Policies as per Contract Agreement to be renewed before the Policy expiring date during the Maintenance period.	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		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 conducting 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	<ul style="list-style-type: none"> <li>Procurement under process.</li> <li># RFP issue to shortlisted firm on dated 09-Feb-2022</li> <li># Bid Received &amp; Technical Bid open on dated 25-March-2022.</li> <li>#TEC Evaluation Done on 23-April-2022 now Bids are under PSC &amp; WB Approval.</li> </ul>	
15	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	<ul style="list-style-type: none"> <li>Procurement under process.</li> <li>#RFP issued on 12 May 2022 &amp;</li> <li>#Prebid meeting on 27 May 2022</li> <li>#Technical Bid open on dated 11 July 2022.</li> <li>#TEC meeting schedule on 23-Aug-2022</li> </ul>	
16	External Evaluation Consultant for RAP implementation	QCBS	Post	<ul style="list-style-type: none"> <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 conducting Road User Satisfaction Surveys (Baseline) for Phase-2 Roads.	QCBS	Post	<ul style="list-style-type: none"> <li>Procurement under process</li> <li># TOR under World Bank Approval.</li> </ul>	
18	Mid-term & End-term evaluation of Road User Satisfaction Surveys for Phase-1 & 2 Roads	QCBS	Post	<ul style="list-style-type: none"> <li>Procurement under process</li> <li># TOR in Progress.</li> </ul>	

19	Consultancy Services for Independent Quality Auditor for Phase-2 Roads UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	<ul style="list-style-type: none"> <li>Procurement under process</li> <li># TOR in Progress.</li> </ul>
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**c. STATUS OF VARIOUS CIVIL WORKS (Procurement Status of Phase-II Roads)**

SL No.	Description	Methods of Selection	Review Type	Present Status	Name of Consultant / Firm
1	Up gradation & Maintenance of Rath-Garautha Section of SH-42 (Missing Link)	NCB		#RFB Published on Date 16-April-2022 #Bid Received & Technical Bid open on dated 31-May-2022. # TEC Evaluation Done on 17-18-June-2022 now Bids are under Approval.	M/s EGIS India Consulting Engineers Pvt. Ltd. preparing DPR
2	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bansi-Mehandawal-Khalilabad Road (SH-88)	NCB		# RFB Published on Date 18-April-2022, # Bid Received & Technical Bid open on dated 03-June-2022. # TEC Evaluation Done on 17-18-June-2022 now Bids are under Approval.	
3	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB		The Government of Uttar Pradesh has given administrative and financial approval to the project. Bid Documents are under approval from WB.	
4	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	NCB		Estimate send to UP Government on dated 29.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.	
5	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	ICB		Estimate send to UP Government on dated 30.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.	
6	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	ICB		Estimate send to UP Government on dated 22.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.	

**\*ICB- International Competitive Bidding**

**\*NCB-National Competitive Bidding.**

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

Financial Expenditure of PMC Services up to July 2022

PART - C – Up to July 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	\$9,42,711	\$2,82,790
<b>Gross Amount (Foreign Component)</b>		<b>\$11,24,640</b>	<b>\$12,25,501</b>	<b>\$9,42,711</b>	<b>\$2,82,790</b>
2	Escalation			\$66,951	
<b>Grand Total</b>		<b>11,24,640</b>	<b>12,25,501</b>	<b>\$10,09,662</b>	

PART - C - Up to July 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	1,56,35,436	2,76,03,564
2	Reimbursable Expenses	1,85,52,152	3,08,96,321	2,13,73,469	95,22,852
<b>Total</b>		<b>7,05,86,552</b>	<b>7,41,35,321</b>	<b>3,70,08,905</b>	<b>3,71,26,416</b>
3	Escalation			49,17,166	
<b>Grand Total</b>		<b>7,05,86,552</b>	<b>7,41,35,321</b>	<b>4,19,26,071</b>	

**PART – B:**

**CONSTRUCTION SUPERVISION OF CIVIL WORKS**

**PHOTOGRAPHS**



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



Bushes Cutting work is in Progress at Ch. 119+000



Tiles Repairing Work is in Progress at Ch. 130+800



Damaged Hazard Sign Board Replaced at Ch. 121+400



Paved Shoulder Cleaning is in Progress at Ch. 166+800



Gantry Bolts Greasing is in Progress at Ch. 167+740



Drain Cover Replacing Work is in Progress at Ch. 130+800



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



Project Innogration Stone at Ch. 74+000



Project Information Board Installed at Ch. 2+065



Damaged Sign Board Replaced



Major Junction Repaired at Ch. 2.065



Kerb Painting Work is in Progress at Ch. 02+065



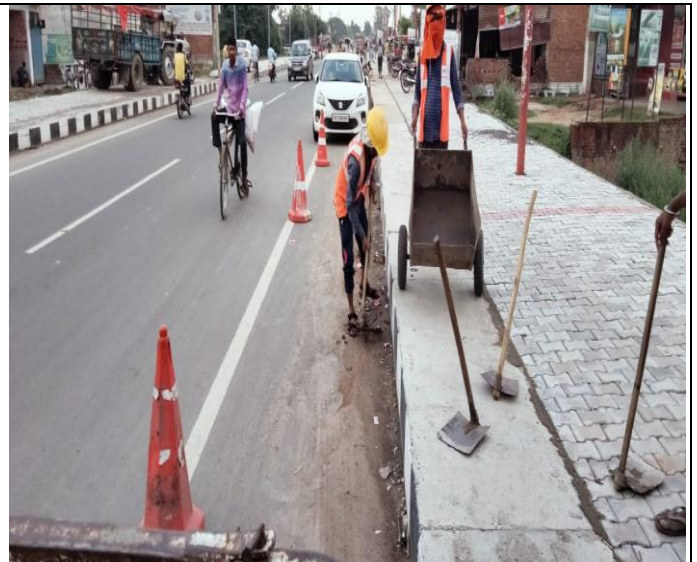
Major Junction Kerb Repaired & Painted at Ch. 2+065



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



Bushes Cutting Work is in Progress



Drain Side Cleaning is in Progress



Expansion Joint Cleaning is in Progress



Shoulder Repairing Works are in Progress



Site Visit of P.D., S.E., E.E., D.T.L. & R.E. on 14.07.2022



Turfing is in Progress at Ch. 12+780 (LHS)



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



Project Information Board Installed



Bus Shelter Cleaning is in Progress



Faded Road Marking Repainted



Expansion Joint Cleaned



Bushes Cutting Work is in Progress



Tree Guard Installed

**Enclosure-1**

**Summary of Team Leader Office  
Correspondences**

**Minutes of Meeting (MoM) Letters**

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

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

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	01.07.2022	Egis India/LKO/UPCRNDP/2022/1847	GHV/APCO/GAWAR	Reporting of Unusual Occurrence during Maintenance Period	
2	01.07.2022	Egis India/LKO/UPCRNDP/2022/1848	CE,PWD,Lucknow	Mobilization of Mr. Rahul Kannojiya as Watchman at Team Leader, Office, Lucknow from 01.07.2022	
3	01.07.2022	Egis India/LKO/UPCRNDP/2022/1849	APCO	Observations on Submitted Draft Copy of "As Built Drawings"	APCO letter No. 760 Dated 28.06.2022
4	04.07.2022	Egis India/LKO/UPCRNDP/2022/1851	GHV/NKC	Site Visit Program of Team Leader and Resident Engineer for two days i.e. 05.07.2022 for UPG-01 and 06 July 2022 for UPG-02	
5	04.07.2022	Egis India/LKO/UPCRNDP/2022/1852	CE,PWD,Lucknow	Reimbursement of GST against Invoices Claimed for the month of April 2022 against Part-B & C of UPCRNDP (INR and USD Components)	
6	04.07.2022	Egis India/LKO/UPCRNDP/2022/1853	CE,PWD,Lucknow	Contract Language ENGLISH	
7	06.07.2022	Egis India/LKO/UPCRNDP/2022/1854	CE,PWD,Lucknow	Regarding Submission of Addendum/Supplementary Agreement for the Extension of Contract Period of Gola-Shahjahanpur Road	APCO letter No. 762 Dated 05.07.2022
8	07.07.2022	Egis India/LKO/UPCRNDP/2022/1855	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh.	
9	08.07.2022	Egis India/LKO/UPCRNDP/2022/1856	CE,PWD,Lucknow	Regarding Stage-II Forest Clearance (Online Forest Proposal No- FP/UP/ROAD/10876/2017) - Hamirpur Rath Road	
10	08.07.2022	Egis India/LKO/UPCRNDP/2022/1857	GAWAR	Site Visit & Inspection Report of the Deputy Team Leader and Maintenance Team Dated 30th June, 2022 and 01st July, 2022.	
11	09.07.2022	Egis India/LKO/UPCRNDP/2022/1858	CE,PWD,Lucknow	Submission of USD Component Invoice No.94 for the month of June 2022.	

12	09.07.2022	Egis India/LKO/UPCRNDP/2022/1859	CE,PWD,Lucknow	Submission of Part-B and Part-C INR Component Invoice No.100 for the month of June 2022	
13	09.07.2022	Egis India/LKO/UPCRNDP/2022/1860	NKC	Temporary Traffic Diversion Plan for Lane Closure.	
14	11.07.2022	Egis India/LKO/UPCRNDP/2022/1861	GHV/NKC/APCO/GAWAR	Progress Review Meeting on 30.07.2022 at 11:00AM in CE (EAP) UPPWD Office, Lucknow.	
15	12.07.2022	Egis India/HO/UPCRNDP/84856/2022	CE,PWD,Lucknow	Annual Leave of Mr. Mohamed Ayaz Beg - Team Leader for UPCRNDP.	
16	12.07.2022	Egis India/LKO/UPCRNDP/2022/1862	GHV	Site Visit & Inspection Report of the Team Leader and Resident Engineer, Maintenance Team on Dated 5th July 2022.	
17	12.07.2022	Egis India/LKO/UPCRNDP/2022/1863	NKC	Site Visit & Inspection Report of the Team Leader and Resident Engineer, Maintenance Team on Dated 6th July, 2022.	
18	13.07.2022	E-MAIL	CE,PWD,Lucknow	<p>Detailed Project Report Volumes (Rev.3) of Hamidpur-Kuchesar (SH-100):</p> <p>1) Volume I : Main Report (Along with Annexure)</p> <p>2) Volume II : Design Report (Along with Annexures)</p> <p>3) Volume III : Material Report</p> <p>4) Volume IV : Rate Analysis</p> <p>5) Volume V : Cost Estimate</p> <p>6) Volume VI : Drawings (Part A - Road Works, Part B – Structures)</p> <p>7) Volume VII : BID Documents – (Shall be submitted later)</p> <p>8) Volume VIII : Environmental Impact Assessment Report (EIA) &amp; Environmental Management Plan (EMP)</p> <p>9) Volume IX : Resettlement Action Plan (RAP) and Land Acquisition Plan (LAP)</p>	BY TL Sir to CE
19	14.07.2022	Egis India/LKO/UPCRNDP/2022/1864	CE,PWD,Lucknow	Submission of General Arrangement Drawing (GAD) for ROB at KM 28+995 for Approval -Moradabad-Haridwar-Dehradun Road SH-49	
20	14.07.2022	Egis India/LKO/UPCRNDP/2022/1865	CE,PWD,Lucknow	Request to Release of Our Long Pending Payments – (Reminder)	
21	15.07.2022	Egis India/LKO/UPCRNDP/2022/1866	CE,PWD,Lucknow	Request for Approval of Cost Estimate for 11 Nos. Common Property Resource (CPR) Structures as per Article-09 of the Contract Agreement	Egis letter No. 1612 Dated 02.02.2022 GAWAR letter No. 856 Dated 15.01.2022

22	16.07.2022	Egis India/LKO/UPCRNDP/2022/1867	CE,PWD,Lucknow	Reinstatement 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.	
23	18.07.2022	E-Mail	CE,PWD,Lucknow	DAAB Members Qualifications Requirements (IPO Services Contract)	E-Mail by the TL Sir
24	18.07.2022	E-Mail	CE,PWD,Lucknow	Vol.-VII-Bid Document of Detailed Project Report (DPR) of Hamidpur-Kuchesar Road (SH-100)	
25	18.07.2022	Egis India/LKO/UPCRNDP/2022/1868	CE,PWD,Lucknow	DPR Submission Status of Phase-II Roads (1) Moradabad-Haridwar-Dehradun Road (SH-49), (2) Garh- Siyana-Bulundshahr Road (SH-65) and (3) Hamidpur-Kuchesar Road (SH-100)	
26	18.07.2022	Egis India/LKO/UPCRNDP/2022/1869	CE,PWD,Lucknow	Compliances to World Bank Team Comments on DPR of Hamidpur-Kuchesar Road (SH-100)	
27	19.07.2022	Egis India/LKO/UPCRNDP/2022/1871	APCO	Site Inspection Note of the Authority Representatives (Project Director and Superintending Engineer) Dated 14.07.2022	PWD letter nO. 511 Dated 19.07.2022
28	20.07.2022	Egis India/LKO/UPCRNDP/2022/1872	CE,PWD,Lucknow	Consolidated Monthly Progress (Operation & Maintenance) Report (CMPR) No. 36 for the month of June 2022	
29	21.07.2022	E-Mail	CE,PWD,Lucknow	Compliances of World Bank Comments on Garah-Sayana-Bulandshahr (SH 65)	by Sanjay Sir to PWD
30	21.07.2022	Egis India/LKO/UPCRNDP/2022/1873	CE,PWD,Lucknow	Compliances to World Bank Team Comments on DPR of Garh - Siyana - Bulandshahr (SH-65)	
31	21.07.2022	Egis India/LKO/UPCRNDP/2022/1874	SE,PWD,Kanpur	Recommendation of Monthly Maintenance Statement (MMS-10 to MMS-12 (IPC-04) for Consideration and Certification as per Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	GHV letter no. 966, 965,964,963 Dated 18.07.2022
32	22.07.2022	Egis India/LKO/UPCRNDP/2022/1875	CE,PWD,Lucknow	<b>RAP Material</b> - Minutes of Meeting (MOM) held on 12th July 2022 between the Project Director UP PWD, Authority Engineer and the Contractors APCO Infra Tech Pvt. Ltd. and GAWAR Construction Ltd. of packages UPG-03 & UPG-04 of UPCRNDP	PWD letter No. 1544 Dated 18.07.2022
33	22.07.2022	Egis India/LKO/UPCRNDP/2022/1876	GAWAR	Minutes of Meeting (MoM) Dated 14.07.2022 Issued by the Authority	PWD letter No. 692 Dated 14.07.2022
34	27.07.2022	Egis India/LKO/UPCRNDP/2022/1877	CE,PWD,Lucknow	Consolidated Quarterly Progress Report (CQPR) for the Period from April to June 2022	



35	27.07.2022	Egis India/LKO/UPCRNDP/2022/1878	SE,PWD,Lucknow	Recommendation of MMS-01 to MMS-04 (IPC-01) for Consideration and Certification Ref Article 19 Sub-Clause 19.7 and 19.12 of Contract Agreement	APCO letter No. 768 Dated 20.07.2022
36	27.07.2022	Egis India/LKO/UPCRNDP/2022/1879	APCO	Regarding Submission of Rate Analysis of Dense Bituminous Macadam (DBM I&II) Mix Design (Job Mix Formula-JMF) Grade-I & Grade-II & Compare with Reclaimed Bituminous Mix Design (RBM).	
37	28.07.2022	Egis India/LKO/UPCRNDP/2022/1880	APCO	Site Visit Program of Resident Engineer & Sr. Bridge Engineer on 01.08.2022	
38	28.07.2022	Egis India/LKO/UPCRNDP/2022/1881	GAWAR	Site Visit Program of Resident Engineer & Sr. Bridge Engineer on 02.08.2022	
39	28.07.2022	Egis India/LKO/UPCRNDP/2022/1882	GAWAR	Regarding Compliance of AE's Observations	GAWAR letter No. 945 Dated 16.07.2022 (received on 28.07.2022)
40	29.07.2022	Egis India/LKO/UPCRNDP/2022/1883	CE,PWD,Lucknow	Submission of Detailed Project Report of Bahraich-Gonda-Faizabad Road (SH-30) – Final BID Document (Rev.7)	NOC from WB on Bid Document on 27.07.2022
41	29.07.2022	E-Mail	CE,PWD,Lucknow	All Volumes of Detailed Project Report (DPR)-Rev.5 of Moradabad-Haridwar-Dehradoon (SH-49) except Vol-VII-Bid Document	
42	30.07.2022	Egis India/LKO/UPCRNDP/2022/1884	CE,PWD,Lucknow	Addendum/Supplementary Agreement for the Extension of Contract Period of Badaun-Bilsi-Bijnaour Road Project (SH-51)	GAWAR letter No. 950 Dated 30.07.2022
43	30.07.2022	Egis India/LKO/UPCRNDP/2022/1885	CE,PWD,Lucknow	Compliance Report of Final Construction Road Safety Audit Carried out by the Road Safety Auditor (RSA) on Dated 8th April 2022	APCO letter No. 766 Dated 13.07.2022(Received on 27.07.2022)
44	30.07.2022	E-Mail	CE,PWD,Lucknow	Compliance Matrix of Detailed Project Report (DPR) of Moradabad-Haridwar-Dehradoon (SH-49).	



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

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	01.07.2022	571/H.K.	EE,PWD,Aligarh	Purchase of Land on Private Negotiation(Hamidpur-Kuchchesar Road SH-100) Hindi letter	
2	01.07.2022	572/G.S.B.	EE,PWD,Aligarh	Purchase of Land on Private Negotiation(Garh-Syiana-Bulanshahar Road SH-65) Hindi letter	
3	01.07.2022	573/G.S.B.	EE,PWD,Aligarh	Purchase of Land on Private Negotiation(Garh-Syiana-Bulanshahar Road SH-65) Hindi letter	
4	04.07.2022	427/Utility/SH-30/UPCRNDP/WBYC/2021	SE,PWD,Lucknow	Revised Cost Estimate of ROB Structure of Railway Span at Crossing Level No. 3-SPL/3E of Gonda-Bahraich-Faizabad Road (SH-30)	
5	05.07.2022	APCO/WB-UPPWD/EGIS/ST/762	APCO	Regarding Submission of Supplementary Agreement	
6	06.07.2022	614/8C-WBPCK/2022	SE, PWD, Kanpur	Reg. Progress Review Meeting on 12.07.2022 -Missing link	
7	06.07.2022	1430EAP/Meeting/CEEAP/2021	PD,PWD,LUCKNOW	Pre Construction Activities Review Meeting of Phase-II Roads on 30.07.2022 at 11:00AM at CE,PWD Office, Lucknow	
8	06.07.2022	627/1WBPC/22	SE, PWD, Moradabad	Site Inspection by SE,PWD and Review Meeting of pre-construction activities of SH-49, SH-65 & SH-100 Phase-II Roads on 15 and 16 July 2022	
9	07.07.2022	NKC/HO/GC/2022-23/152	NKC	Information about the work on main carriageway and traffic diversion.	

10	07.07.2022	1433-EAP/WB-UPCRNDP/UPG-05/2020	PD,PWD,LUCKNOW	Appointment and Posting of Executive Engineer at Jhansi and Meeting regarding pre-construction activities of Missing Link on 11.07.2022 at 11:00AM	
11	07.07.2022	SIS/UPPWD/UPCRNDP-II/LA&RR/2022/026	Team Leader, Sugam International Sansthan (NGO)	Land Acquisition of SH-88 Roads	
12	11.07.2022	294 Meeting/CEEAP/2021	PD,PWD,LUCKNOW	Minutes of Meeting (MoM) Dated 11.07.2022 Regarding Progress of Pre Construction Activities of Missing Link and O&M Activities of UPG-01 & 02	
13	12.07.2022	484/800-4/UPCRNDP/WBYC/22	SE, PWD, LUCKNOW	Regarding Site Visit of SE,PWD on 14.07.2022 for Gola-Shahjahanpur Road	
14	12.07.2022	1478/2-01/ADB/UPMDRIP/CEEAP/2022	PD,PWD,LUCKNOW	Site Inspection by SE,PWD and Review Meeting of pre-construction activities of SH-49, SH-65 & SH-100 Phase-II Roads on 15 and 16 July 2022	Email by TL Sir
15	12.07.2022	1459/1-01/UPCRNDP/CEEAP/2022	CE,PWD,Lucknow	Approval of Proposed Site Staff Team (Annexure-A) and Supporting Team Leader Office Staff (Annexure-B) for Supervision of Rath-Garautha (Missing Link) Project	Email by TL Sir on 12.07.2022
16	12.07.2022	APCO/WB-UPPWD/EGIS/ST/764	APCO	Regarding Submission of Compliance of Team Leader and Resident Engineer O&M Site Inspection Note Dated 15.06.2022	
17	12.07.2022	APCO/WB-UPPWD/EGIS/ST/765	APCO	Regarding Removal of Enchroachments	
18	13.07.2022	649/8C-WBPCK/2022	SE,PWD,Kanpur	Minutes of Meeting (MoM) dated 12.07.2022 regarding Progress Review Meeting of Missing Link Project	
19	13.07.2022	APCO/WB-UPPWD/EGIS/ST/766	APCO	Regarding Submission of Compliance of Final Construction Safety Audit Report by the Independent Agency Dated 08.04.2022	

20	14.07.2022	692/4EA WBPC M/22	SE,PWD,Moradabad	Minutes of Meeting (MOM) Dated 14.07.2022	
21	16.07.2022	GCL/Camp/SH-51/BBB/2022/945	GAWAR	Regarding AE's Observations	
22	18.07.2022	1544 EAP Meetings/CEEAP/2021	PD,PWD,LUCKNOW	Minutes of Meeting (MoM) Dated 12.07.2022 regarding to discuss the Issues of UPG-03 & UPG-04 for Resolving the Pendency on COS Proposal	
23	18.07.2022	GHV/Site/SH-42/Rath/963	GHV	Submission of Monthly Maintenance Statement (MMS-10) for the Perid from 1st April to 30th April 2022	
24	18.07.2022	GHV/Site/SH-42/Rath/964	GHV	Submission of Monthly Maintenance Statement (MMS-11) for the Perid from 1st May to 31st May 2022	
25	18.07.2022	GHV/Site/SH-42/Rath/965	GHV	Submission of Monthly Maintenance Statement (MMS-12) for the Perid from 1st June to 30th June 2022	
26	18.07.2022	GHV/Site/SH-42/Rath/966	GHV	Submission of Monthly Maintenance Statements (MMS-10, 11 and 12) for the Perid from 1st April to 30th June 2022	
27	19.07.2022	511/800-23/UPCRNDP/WBYC/21	SE,PWD,Lucknow	Inspection Note of Site Visit by the Project Director and SE,UPPWD,Lucknow Dated 14.07.2022 for Gola-Shahjahanpur Road Project	
28	20.07.2022	APCO/WB-UPPWD/EGIS/ST/768	APCO	Submission of Monthly maintenance Statement (MMS-01,02,03&04) for the period from 15th March 2022 to 30th June 2022	
29	21.07.2022	421/A-6	EE,PWD,Kanpur	Affected Area of Land of Village Motikatra, Distt. Jhansi Not included in the Proposal of land purchase under Missing Link Road Section of SH-42	
30	22.07.2022	APCO/WB-UPPWD/EGIS/ST/769	APCO	Regarding Submission of Compliance of Site Inspection Note of the Authority Representative (Project Director and Superintending Engineer) Dated 14.07.2022	

31	27.07.2022	NKC/HO/GC/2022-23/178	NKC	Compliance of Site Visit and Inspection Report of the Team Leader and Resident Engineer on Dated 06.07.2022	
32	20.07.2022	244/11-C, Lucknow	CFO,UP,Lucknow	Applicability of the Forest (Conservation) Rules, 2022 (244/11-C, Lucknow Dated 20.07.2022)	
33	25.07.2022	1576/EAP/6 EAP/2019-20	CE,PWD,Lucknow		
34	27.07.2022	100/PIU-03/Rath/2022-23	EE,UPEIDA,Rath	Installation of Overhead Ganty withpout getting NOC from UPPWD	
35	28.07.2022	APCO/WB-UPPWD/EGIS/ST/771	APCO	Regarding Requirement Performance Certificate for Fabrication and Exretction of Composite Steel Girders	
36	28.07.2022	NKC/HO/GC/2022-23/182	NKC	Compliances of Site Visit and Inspection Report of the Project Director Dated 04.06.2022	
37	28.07.2022	T24-92/Jha.Pra./841	EE,jhansi Prakhand Betwa Canal, Jhansi	Reinstatement of the Excavated Section of the Garautha-Chirgaon Project Road from Ch 139+655 to Ch 139+717 for the Irrigation Canal Crossing at Ch 139+686 (Reply of Egis letter 1867 Dated 16.07.2022)	
38	29.07.2022	NKC/HO/GC/2022-23/184	NKC	Compliances of Site Inspection Observations of EE,PWD,Kanpur on Dated 25.05.2022 of Garautha-Chirgaon Road Project	
39	30.07.2022	1682 EAP/Meeting/CEEAP/2022	CE,PWD,Lucknow	Minutes of Meeting (MoM) Dated 30.07.2022 regarding Progress Review Meeting of Phase-I and Phase-II Roads	

**Enclosure-2**

# **PMC Organization Chart**

## 1.13 Consultant's Organization Chart

MONTH - JULY 2022

