



Consultancy Services for Uttar Pradesh Core Road
Network Development Program

Ref: Egis India/LKO/UPCRNDP/2022/1838

Date: 23rd June, 2022

To,
The Chief Engineer,
Externally Aided Project
UP PWD, Nirman Bhavan
96, Mahatma Gandhi Marg.
Lucknow – 226 001
Uttar Pradesh

Sub: Consultancy Services for Uttar Pradesh Core Road Network Development Program –
**Consolidated Monthly Progress (Operation & Maintenance) Report (CMPR) No.
35 for the month of May 2022**

Dear Sir,

Please find enclosed herewith the Hard Copy of Consolidated Monthly Progress (O&M) Report (CMPR) No. 35 for the month of May 2022 in compliance to TOR, Sub Clause 18 of Attachment-8 of Contract Agreement.

Thanking you and assuring our best services at all times.

Yours Sincerely,
For **Egis India Consulting Engineers Pvt. Ltd.,**

(Mohd. Ayaz Beg)
Team Leader

Encl.: As above- 1 No.

CC: Project Director, SRP-2 Circle, World Bank, UP PWD, Lucknow

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UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT
PROJECT MANAGEMENT CONSULTANCY SERVICES FOR UTTAR PRADESH CORE
ROADNETWORK 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. 35
MAY-2022

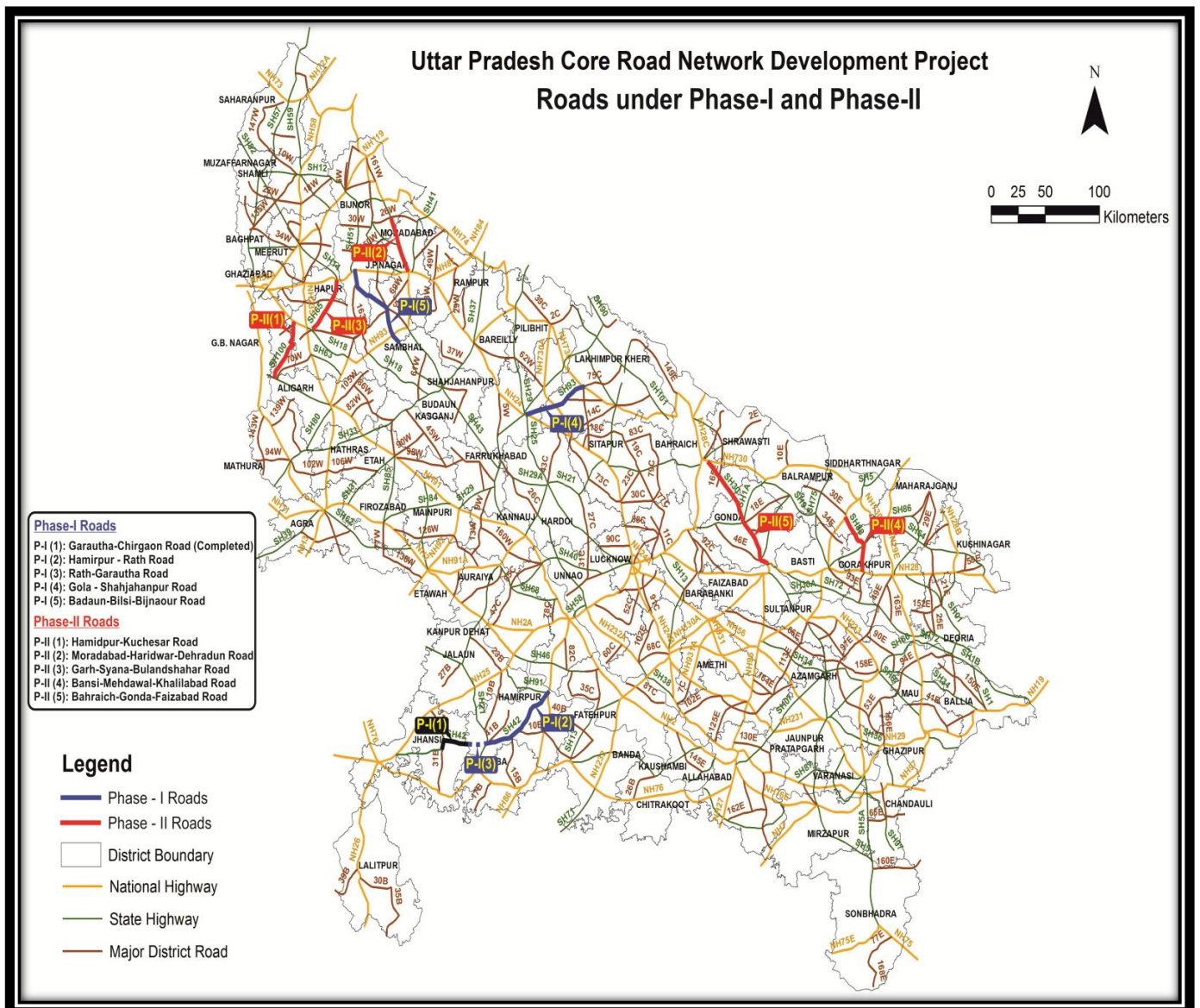


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APPENDIX B UPG-02 (ANNEXURE-A TO ANNEXURE-E)

APPENDIX C UPG-03 (ANNEXURE-A TO ANNEXURE-E)

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

INTRODUCTION

1 Project Background

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

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

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

2 Project Overview

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

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

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

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

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

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

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

This **Monthly Report No.35** 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 th 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.
		Total	419		382.622	

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

The Roads finalized under Phase-I are as under:

S. No.	Package	Road/Works	Category	Length (Km)	Civil Cost (INR Cr)	Present Status
1	UPG-01	Hamirpur-Rath	SH-42	72.785	262.40	Under O&M from 12 th July 2021
2	UPG-02	Garautha-Chirgaon	SH-42	49.145	189.99	Under O&M from 1 st November 2020
3	UPG-03	Gola-Shahjahanpur	SH-93	56.388	356.90	Under O&M from 15 th March 2022
4	UPG-04	Badaun-Bilsi-Bijnaour	SH-51	79.125	334.00	Under O&M from 10 th January 2022

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

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

- Due to extensive land acquisition and environmental clearances, the Client has decided its civil work shall be carried out in timeline of Phase-II Roads.
- NOC from World Bank received on 22nd December 2020 subject to world bank compliances to be included in the Final DPR;
- The final DPR has been submitted incorporating all comments and revisions as advised by the Client and World Bank vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1148 Dated 07.01.2021.
- Bidding Document submitted on 20th February 2021
- Bidding documents of Missing Link approved by WB and UPPWD with minor corrections.
- Bid was floated on 7th 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.
- Re-bid has been called on 20th April, 2022; 3 bidders are shortlisted for financial bidding.
- Selection of Contractor and award of Contract expected by end of July 2022.

3.2 Phase II Roads

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

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

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

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	Submitted
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	To be submitted	To be submitted	To be submitted	To be submitted
TOTAL			193.051	2273.99					
Note:	Bid document for SH-30 (ICB Contract) is under review of World Bank; World Bank has been suggested to modify the provision of deductible conditions on Insurances, revise the percentage of maintenance cost. PMC is looking the GOI and State Govt. policy and guidelines on these issues for incorporating the WB advise. Expected to be submitted the Final Revised Bid documents by end of June-2022. The Bid documents for other 3 roads shall be prepared with similar provisions for ICB Contract.								

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:

S. 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	7.7633	108.683	2525/ 2454	CA Land & Demand for payment awaited
2	Bansi-Mehdawal-Khalilabad SH-88	28.870	Not Applicable	NA	0.000	0.000	4.8782	6750/ 5129	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	9417/ 7176	EDS closed; DGPS Map uploaded
6	Hamidpur-Kuchesar Road SH-100	19.100	Not Applicable	NA	0.000	0.000	3.866	3444/ 2017	Demand Payment done by PWD
TOTAL		228.933			140.4606	7.7633	165.7322	42659/ 25740	
Note:		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 Meetings

09.05.2022- Meeting regarding Forest Clearances of Phase-I and Phase-II Roads held on 09.05.2022 at UPPWD, Office, Lucknow under the Chairmanship of Engineer in Chief (Rural Roads) Mr. Arvind Kumar Srivastava and attended by the Team Leader Mohd. Ayaz Beg, Environmental Expert Mr. Sandeep Bhardwaj, Environmental Expert Mr. Devbrat Singh and Assistant Social Development Specialist Mr. Bikram Singh. Meeting Minutes Issued by the Engineer in Chief (Rural Roads) vide PWD letter No. 887 EAP Meetings/CEEAP/2022 Dated 10.05.2022.

10.05.2022- Meeting with M/s Sugam International Sansthan (NGO) regarding the RAP Implementation in Phase-II Roads of UPCRNDP held on 10.05.2022 at UPPWD, Office, Lucknow headed by the Project Director, UPPWD and attended by the Team Leader Mohd. Ayaz Beg. Meeting Minutes Issued by the Project Director, SRP-II Circle, PWD, Lucknow vide PWD letter No. 902/Phase-II/UPCRNDP/SOC/ CEWAB/2022 Dated 10.05.2022.

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 Maintenance Program all reports were submitted on 24th November 2021.

5. Financial Progress of Consultant (PART-B)

Financial Expenditure of PMC Services up to May-2022

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

Sl No.	Description	Contract Amount (INRs)	Amt. as per Variation (VO-1) (INRs)	Cumulative up to Current Invoice (INRs)	Balance (INRs) w.r.t. VO-1
1	Remuneration for Key Professionals	82,286,700	90,354,046	60,655,304	29,698,742
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	83,556,820	63,896,690
3	Reimbursable Expenses	44,607,516	48,363,117	28,933,408	19,429,709
Total		314,833,016	314,833,016	286,170,673	173,145,532
4	Escalation			41,368,062	
Grand Total		314,833,016	314,833,016	286,170,673	214,513,594

COMPONENT PART-B

CONSTRUCTION SUPERVISION OF CIVIL WORKS

6. Introduction

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

7. Awarded Packages

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

8. Construction/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	31-05-20	—	—
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 st 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	Submission Awaited	-
Badaun-Bilsi-Bijnaour SH-51 (UPG-04)	M/s GAWAR Construction Ltd.	79.125	Submission Awaited	-

11. Highway Details

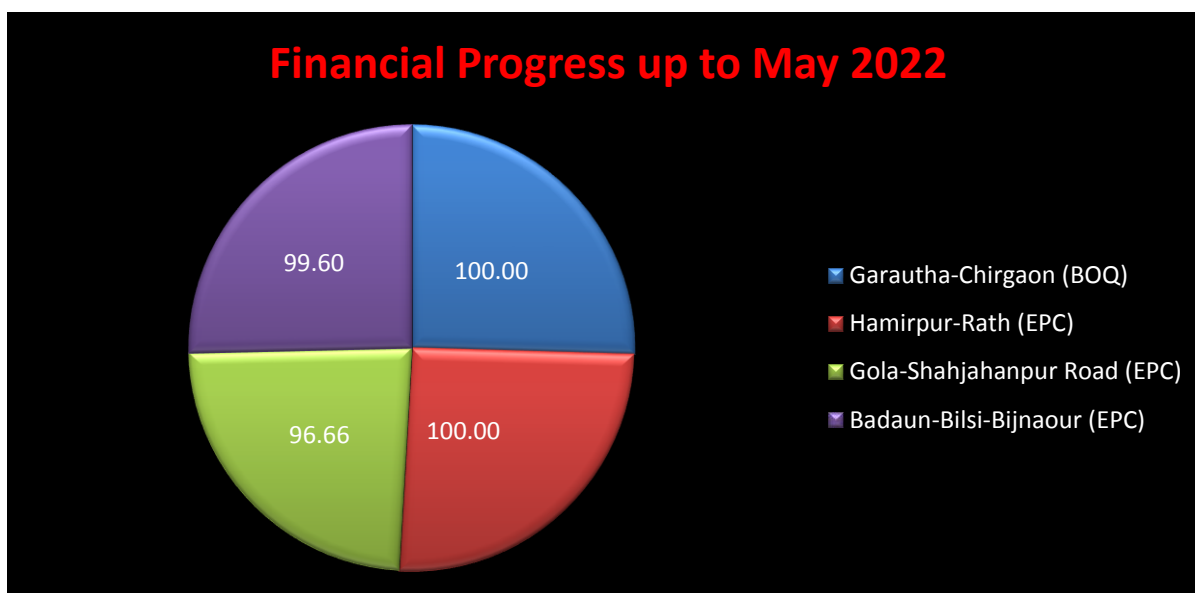
At present the civil construction works are completed on Phase-I Contract Packages. Project Highway taken-up for O&M Activities are presented in Table below:

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
Total	72.785	72.071	49.145	49.145	57.535	56.388	79.125	79.125
Length for O&M	72.071		49.145		56.388		78.309	

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

12. Structure Details :

Project Road - Completed Structures:								
Project Road	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.	
Type of Structures (In Nos)	As per CA	Revised	As per CA	Revised	As per CA	Revised	As per CA	Revised
Major Bridges (Reconstruction)	0	0	0	0	1	1	0	0
Minor Bridges (Reconstruction)	1	4	5	5	4	4	2	2
Box Culverts (Reconstruction)	38	43	47	46	21	18	11	11
HP Culverts (Reconstruction)	34	36	25	29	17	17	69	69
Minor Bridge (Widening +Rep.)	3	0	1	1	3	3	1	1
Culverts (Widening +Rep.)	29	28	17	13	36	32	19	18
Repair of Structures	21	18	4	4	15	18	4	4
Wild Animal Under Pass	0	0	0	0	0	3		0
Slab Culverts (Reconstruction)	0	0	0	0	0	0	6	6
Total	126	129	99	98	97	96	112	111

13. Financial Progress


Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)	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	
TOTAL (In Crore)	1150.55	1113.92		

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

a. Meeting/Training held during the Month

10.05.2022- Meeting regarding World Bank Projects under Maintenance held on 10.05.2022 at UPPWD, Office, Lucknow under the Chairmanship of Engineer in Chief (Rural Roads) Mr. Arvind Kumar Srivastava and attended by the Team Leader Mohd. Ayaz Beg, Deputy Team Leader Mr. Sarwan Singh Saini, Environmental Expert Mr. Devbrat Singh and Assistant Social Development Specialist Mr. Bikram Singh. Meeting Minutes Issued by the Engineer in Chief (Rural Roads) vide PWD letter No. 913 EAP/Meetings/CEEAP/2022 Dated 11.05.2022.

b. Site Visits Carried out during the Month

11.05.2022 to 13.05.2022- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak for Badaun-Bilsi-Bijnaour Road Project from 11.05.2022 to 13.05.2022 and Site Inspection/Observations Report issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1770 Dated 14.05.2022.

13.05.2022 and 14.05.2022- Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar & Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Hamirpur-Rath Road Project and O&M Site Inspection Report issued to the Contractor (GHV) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1774 Dated 18.05.2022.

23.05.2022 and 24.05.2022- Site Visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar & Sr. Bridge Engineer Mr. Rajiv Ranjan Verma for Badaun-Bilsi-Bijnaour Road Project and O&M Site Inspection Report issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1785 Dated 25.05.2022.

24.05.2022- Site Visit carried out by the Road Safety Auditor Mr. Bhushan Kumar Merigala on 24th May 2022 for Badaun-Bilsi-Bijnaour Road Project and his observations issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1790 Dated 26.05.2022.

28.05.2022- O&M Site Inspection of Gola-Shahjahnpur Road Project carried out by the Assistant Highway Engineer (Maintenance) Mr. Ram Pratap Singh on 28.05.2022 and his observations issued to the Contractor (APCO) for compliance vide RE office letter No. Egis India/RE UPG-03/UPCRNDP/008/2022 Dated 30.05.2022.

28.05.2022- O&M Site Inspection of Garautha-Chirgaon Road Project carried out by the Assistant Highway Engineer (Maintenance) Mr. Sanjeev Sharma on 28.05.2022 and his observations issued to the Contractor (NKC) for compliance vide RE office letter No. Egis India/RE UPG-02/UPCRNDP/009/2022 Dated 30.05.2022.

30.05.2022 to 03.06.2022- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak for Garautha-Chirgaon Road Project and the same informed to the Contractor (NKC) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1795 Dated 30.05.2022.

Site Inspection by the UPPWD Officials during the May Month

01.05.2022- Site Inspection carried out by the Chief Engineer (EAP),UPPWD for Gola-Shahjahanpur Road Project on 01.05.2022 accompanied by the EE,PWD,Sitapur, RE, Maintenance Team Mr. Anjani Kumar and Environmental Expert Mr. Devbrat Singh.

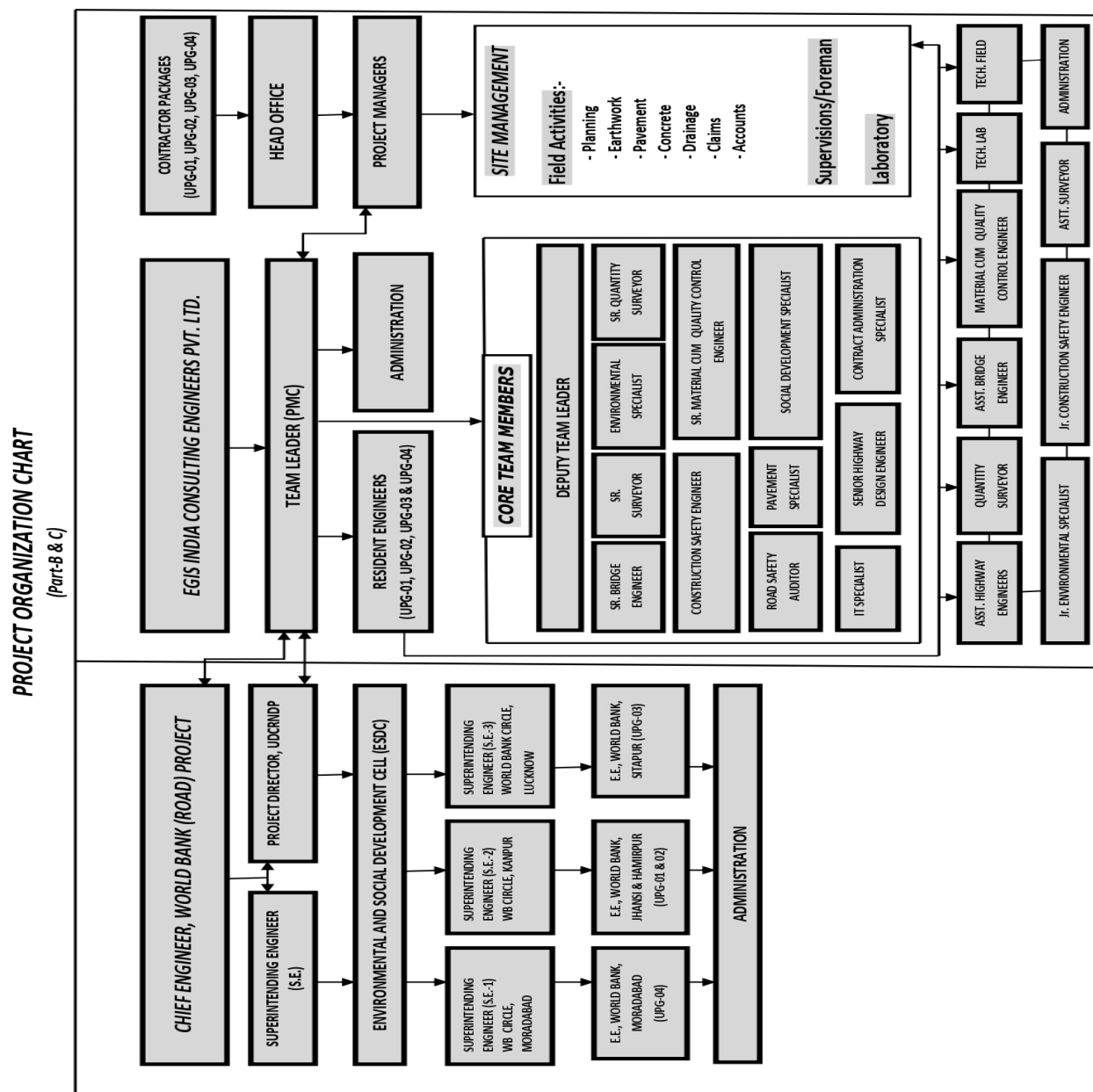
02.05.2022- Site visit carried out by the AE/JE,PWD Division Kanpur on 02.05.2022 for Hamirpur-Rath and Garautha-Chirgaon Road Projects and Inspection Notes of AE/JE,PWD issued by the UPPWD vide letter No. 01 Camp/Site Inspection Dated 02.05.2022 for necessary Compliance.

12.05.2022- Site Visit by the Engineer in Chief, UPPWD carried out for Gola-Shahjahanpur Road Project on 12.05.2022 accompanied by the Team Leader Mohd Ayaz Beg, RE, Maintenance Team Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma. Inspection Notes issued vide UPPWD letter No. 922EAP/1-15/Inspection/ CEEAP/2022 Dated 13.05.2022.

15. Correspondence Management

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

16. Construction Supervision Consultant's Mobilization



a. Organization

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

b. Consultant's Mobilization
i. Staff

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

Position	Name	Duration (months)	Start Date	Remarks
TEAM LEADER'S OFFICE				
Team Leader	Mohd. Ayaz Beg	65.381	01.06.19	
Dy. Team Leader (Const. Mgmt. Specialist)	Mr. Sarwan Singh Saini	36	18.03.21	Part B & C services
Contract Administration Specialist	TBA	36	TBA	Part-C Services
Senior Highway Design Engineer	Mr. Sanjay Kumar	18		Part-C Services (Existing Staff of EGIS)
Senior Bridge Design Engineer (intermittent)	Mr. Rashid Najfi	10		Part-C Services (Existing Staff of EGIS)
IT Specialist	Mr.Sanjay Ayyangar	36	10.09.19	Part B & C Services
Social Development Specialist	Dr. Sudesh Kaul	16.44	08.08.18	Part-C Services-
Road Safety Auditor	Mr. Bhushan Kumar Merigala	10		Part-C Services (Existing Staff of EGIS)
Pavement Specialist (Intermittent)	Mr. T. Someshwar Rao	11	03.09.19	Part-C Services
Senior Material cum Quality Control Specialist		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.Surendra Kumar	72	13.12.21	

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

ii. Vehicles

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

S. No.	Vehicle Type	Vehicle No.	Start Date	Remarks
TEAM LEADER'S OFFICE (LUCKNOW)				
1	MARAZZO	UP-32 LN 6457	13.08.2019	
2	TATA JEST	UP-32 LN 1212	23.07.2018	
CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH				
1	TUV	UP-93 CT 2775	01.05.2020	
CONTRACT PACKAGE – UPG/03 GOLA - SHAHJAHANPUR				
1	BOLERO	UP-27 AT 8925	01.05.2022	
CONTRACT PACKAGE –UPG/04 BADAUN – BILSI - BIJNAOUR				
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

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.

<u>Contract Package – UPG/01</u> Hamirpur – Rath Section of SH-42 Project Site office and Staffs (Except AHE) are demobilized from 1 st May 2022.	<u>Contract Package- UPG/02</u> Garautha–Chirgaon Section of SH-42 Project Site office and Staffs (Except AHE) are demobilized from 31 st December-2020.
<u>Contract Package – UPG/03</u> Gola – Shahjahanpur Section of SH-93 Project Site office and Staffs (Except AHE) are demobilized from 1 st May-2022.	<u>Contract Package – UPG/04</u> Badaun–Bilsi–Bijnaour Section of SH-51 Project Site office and Staffs (Except AHE) are demobilized from 1 st 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 4th January 2017.

The project works are divided into two parts,

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

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

This Monthly Operation and Maintenance Report cover the Month of May 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
Project Length (In Km)	49.145	49.145	
Project Cost (In Cr.) (As per CA)	185.77	4.22	
Project Cost (In Cr.) (Actual)	183.92	4.22	
Scheduled Start Date (As per CA)	15-01-2018	15-10-2020	24 months for Part-1 works and 5 Years for Part-2 works including 1 yrs. of DLP
Scheduled Completion Date (As per CA)	14-01-2020	14-01-2025	
Actual Start Date	15-01-2018	01-11-2020	Part-1 works delayed by 9.5 months for completing additional works at Vill-Gursarai and Sultanpura;
Actual Completion Date	31-10-2020	31-10-2025	

- Part-1 works are completed on 31st October 2020 and Part-2 O&M works commenced on 01st November 2020.
- Contractor's DLP responsibility was upto 31st October 2021 (from the completion date of part-I works) however extended DLP was completed on 31st 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 31st 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 (5th Edition) Conditions of Contract. The work involves improvement of State Highways including geometric improvements and realignments to standard 2-lane carriageway with Paved Shoulders and verges.

Consultant Mobilization:

Egis for supervision of Civil works was established a Project Office for Resident Engineer at village-Chirgaon which is closed from 31st December 2020.

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 1st 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 May 2022 submitted for AE's review.

iii. Maintenance Payment Certificate

The Contractor has submitted MMS No.1 to MMS No. 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.

Authority Engineer instructed Contractor to submit the Monthly Maintenance Statement as per Clause 19.6 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 are sent with observations to the Contractor in order to conform the safety of road users.
- UPPWD AE/JE visited site on dated 25.05.2022 and reviewed the maintenance works.
- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak for Garautha-Chirgaon Road Project on 31.05.2022 & 01.06.2022 and Inspection and Observations Report issued to the Contractor (NKC) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1802 Dated 03.06.2022.

vii. Key Issues

- Instructed to the Contractor to work under SOP guidelines with all safety protocols.
- 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.
- Speed Calmers rectification has been completed and road marking to be done again.
- 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.
- Local Residents are dumping construction material on road/RCC Drain. Advised contractor to inform UPPWD/PMC/Police immediately and lodge the FIR with cc to AE and to remove such obstructions immediately to prevent any accident.
- Contractor to ensure the safety of road user during maintenance work and safety items such as UPVC water filled barriers, safety cones, advance warning signs and other items necessary to execute work during maintenance must be available at all times in the Contractor's yard/store.
- All faded Road Marking to be remarked with the approved material and completed by end of JUNE 2022 as per AE's Instruction.
- The external agency for water pipeline is removing the pipe laid within ROW and relaying at edge of ROW therefore trench to be compacted after removal of the pipe by the external agency to prevent any future damage to the road which has been brought to the Client's attention.

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 19th 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 May 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 th June 2019	25 th June 2019	12 th August 2021	5 Years/12 th July 2021

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

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

The commencement of Maintenance has been started on 12th 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).

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 th 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

Egis for supervision of Civil works was established a Project Office for Resident Engineer at Town-Rath which is closed from 30th April 2022 and all civil works (Construction Period) documents handed over to the Executive Engineer, Kanpur vide letter No. Egis India/LKO/UPCRNDP/2022/1750 Dated 05.05.2022.

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. Vicky	Available
4	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.

1. Project Completion /Operation and Maintenance

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

ii. Maintenance Work Programme

Contractor has submitted the maintenance Program for the current month as per Clause 14.3 of Article 14 of Contract Agreement.

iii. Maintenance Payment Certificate

The Contractor has submitted the Monthly Maintenance Statement MMS 07 to MMS 09 (IPC 03) vide letter No. GHV/site/SH-42/RATH /936 dated 23.03.2022 and was certified and recommended by TL office on dated 24.03.2022 vide letter No. Egis India/LKO/UPCRNDP/2022/1704 up to March 2022. Previously recommended IPC-03 vide letter No. Egis India/LKO/UPCRNDP/2022/1695 Dated 21.03.2020 has been withdrawn hence treated as null and void.

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

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.

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 from AHE and Inspection reports with observations are being issued to the Contractor in accordance to the conformity of Safe use of Project Highway.
- Resident Engineer & Sr. Bridge Engineer inspected the site Hamirpur-Rath Road Project Site on 13.05.2022 & 14.05.2022 and Site Inspection Notes issued to the Contractor (GHV) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1774 Dated 18.05.2022.
- UPPWD Assistant Engineer/JE visited site on 24.05.2022 to review the maintenance work.

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

- Instructed to the Contractor to work under SOP guidelines with all safety protocols.
- Instructed to the Contractor to deploy adequate man-power & machinery for Maintenance activities of the Project.
- Local residents dumped building material on road side and footpath, instructed Contractor to inform Police/Client/PMC immediately.
- External Agency have excavated the earthen drain at 68+500 (at an approx. of length 50m) which causes several damages to the existing embankment, soft shoulder and many trees are also dead due to the heavy machinery. Contractor to notify in writing the Client and the concerned authority with copy to AE
- Contractor to replant all dead Tree Saplings by Mid-June 2022 and water these until the start of Monsoon Rains.
- 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.
- All inlets and outlets of the culverts and bridges to be cleared of any debris by mid-June 2022 for free flow of water and prevent flooding. Also clean inside of RCC Drains and the weep holes by Mid-June 2022 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.
- Repair any settlements at the bridges/culverts.

- Contractor has been instructed to rectify the soft shoulder by filling good approved soil and compact baby roller.
- 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.
- The Contractor has been instructed to check/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

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 th June 2019	11 th November 2019	15 th March 2022	15 th 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
Total Length in Mtr.			1147	

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

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 th 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

Egis for supervision of Civil works was established a Project Office for Resident Engineer at village-Mohammadi which is closed on 30th April, 2022.

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. Rampratap 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 the 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 KheriyajatLakhanpur,
Post-Gorkan, Tehsil-Mohammadi,
Dist.-LakhimpurKheri

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 equipments which are 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 preparing “As Built Drawings” for completed works. Re-submission awaited for AE’s review.

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 to re-submit the Final Payment Statement for completed Civil Works.

iv. **Maintenance Payment Certificate**

Contractor has advised to submit the Monthly Maintenance Payment Statement.

Maintenance Payment Statement shall be substantiated with Monthly Maintenance Program & activities completed during the month.

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. **Quality Control / Quality Assurance**

Field laboratory demobilized in April-2022. The Contractor is procuring requisite materials from the approved sources.

i. Project Completion (Operation and Maintenance Period)

Completion Certificate issued to the Contractor (APCO) on 15.03.2022 vide Egis letter No. Egis India/HO/UPCRNDP/UPG-03/81183/2022 Dated 29.03.2022 and Operation & Maintenance Period of the project road has been started from 15.03.2022.

Post Construction Safety Audit carried out by the Independent Agency SHWETA TECHNOPHILE CONSULTANTS PVT. LTD. (SAFETY CONSULTANT) on 08.04.2022 and Safety Audit Report issued to the Contractor (APCO) for compliance vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1755 Dated 07.05.2022.

j. Meetings & Site Inspections

- Daily routine Inspection of site and maintenance works is being carried out by AHE and Contractor's Field Staff.
- Chief Engineer inspected the site on 1st May'22 along with Mr. Sushil Gautam (Executive Engineer), P.W.D. Officials, Mr. Anjani Kumar (Resident Engineer) & Mr. Devbrat Singh (Environment Expert) .
- Engineer in Chief inspected the site on 12th May'22 along with Project Director (P.W.D.), Team Leader (Egis), Resident Engineer (Egis) & Sr. Bridge Engineer (Egis).

k. 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 to submit AS BUILT DRAWINGS in accordance with Contract Agreement (2 copies of A2 Size on Polyester paper)
- All ESHS requirements shall be fulfilled by the Contractor as per approved ESMP Plan for Maintenance.
- The Contractor to prepare final Payment Certificate for AEs Certification of Payment in Progress
- All dead tree saplings planted must be replaced before the start of rainy season
- Contractor to ensure that the Rain Water Harvester must be clean and functioning efficiently prior to the start of the rainy 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 end of May 2022 to prevent damage to the slopes by rain cuts The Contractor made good progress and expected to complete all by end of June 2022
- 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.
- The Contractor has made arrangements with the supplier of MBCB Barrier for emergency supply to replace any damaged MBCB due to accidents.

I. 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 were signed on 5th 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
Total Length in Mtr.			816

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

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

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

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

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 th 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.

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

Egis for supervision of Civil works was established a Project Office for Resident Engineer at Town-Hasanpur which is closed from January 2022.

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

i. Mobilization of Contractor

1. Base Camp Establishment

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

Base Camp office Address for Civil works: Demobilized and Closed in February-2022	New Base Camp Office Address for Monitoring O&M Works:
GAWAR Construction Ltd. Village-Dehpa, P.O – Dehpa, Teh&Dist-Sambhal (U.P)-244302	GAWAR Construction Ltd C/o MdNavi, 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;

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

3. **Equipment and Machinery during Maintenance**

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

4. **Material**

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

g. **Work Progress**

i. **Design and Drawings**

Instructions given to the Contractor to submit the As Built Drawing for AE's review, however, submission is awaited.

ii. **Financial Progress**

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

iii. **Maintenance Payment Certificate**

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

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**

Field laboratory demobilized in January 2022 any testing during the DLP to be carried out by Approved Independent Labs. Contractor instructed to submit the Consolidated Waste Management Plan before final closure/expiry of land owner's agreement for both Camps.

h. **Meetings & Site Inspections**

- Regular Site Visits are being conducted by Egis AHE and Inspection reports with observations are being issued to the Contractor in accordance to the conformity of safe use of project highway
- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak for Badaun-Bilsi-Bijnaour Road Project on 12.05.2022 and Inspection and Observations Report issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1770 Dated 14.05.2022.
- Site Visit of World Bank Moradabad Assistant Engineer Mr. Pramod Kumar Singh Rana on 14 & 21st May 2022
- Resident Engineer & Sr. Bridge Engineer inspected the site Badaun-Bilsi-Bijnaour Road Project Site on 23.05.2022 & 24.05.2022 and Site Inspection Notes issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1785 Dated 25.05.2022.

- Road Safety Auditor inspected the site Badaun-Bilsi-Bijnaour Road Project Site on 24.05.2022 and Site visit observations issued to the Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1790 Dated 26.05.2022.

i. Key Issues

- 13 Nos. Bus Shelters location has been finalized and 7 Nos. Bus Shelter work in progress. Remaining 6 locations the Bus Shelter work to be started. 02 Nos. Toilet Blocks at Truck Lay by to be relocated as local residents are objecting to the location shown on the approved drawings and instructed the Contractor to make the completed 2 No: Toilet Blocks functional with running water and Power.
- 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 replace those which have died before the start of rainy season.
- 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 May 2022. Maintenance of these sections will be the responsibilities of the Concerned Authority as the works were carried out by UPPWD Contractor after completion of the road.
- Contractor to mobilize Road Marking team ASAP to carry out Re-marking of the faded road markings and complete the chequered marking at the Table Top Pedestrian Crossings.
- As Built Drawings to be submitted as per the approved template and Contract Requirements to AE for checking prior to printing.
- The Contractor has removed all the Speed Breakers/Humps from the main highway and replacing with the Table Tops as per approved Drawings..
- Contractor to clean inlet and outlet of all structures prior to start rain and check chute drain in all high embankment area and ensure the proper channelization to guide rain water in order to avoid any damage to the embankment during rainy season.

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 28th March, 2020 and State Govt. Order No.445/81-7-2020-39(Parya)/2014 T.C-1 dated 01-05-2020 for the Extraction or sourcing or borrowing of ordinary earth for the linear projects such as roads, pipelines etc. Brief status of Borrow Pits shown below:

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

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 are as below:**

1. **ESHS Cell/ Staff:**

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

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:

Table-E: Tree/ Avenue Plantation Status (In Numbers)					
Package	No of Trees Cut	Trees as per CA	Length in Km	Completed	Balance
UPG-01	54436	16952	26.354	16952	0
UPG-02	2456	4912	Forest Dept.	300	4612
UPG-03	6219	10578	14.37	10578	0
UPG-04	11079	31334	21.793	18484	12850
TOTAL	74190	63776	62.517	46314	17462
UPG-01: 8476 Trees and 45960 saplings were cut; UPG-02: Plantation work taken-up by Forest Department approx-300 saplings planted; UPG-03: Plantation works completed; UPG-04: In 4-lane section 850m length proposed for Shrub Plantation; (Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021); Plantation between Ch.107+200 to 137+525 could not be completed due to garbage dumped within Project ROW by local Municipal/Village Authority; a meeting between UPPWD & Municipal/ Local Administrative Authority is scheduled to resolve the issue urgently.					

UPG-01 Hamirpur-Rath The Replacement and plantation of deed plants 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-Shajahanpur:** 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-Bilsi-Bijnaour	112	112	NIL
Total	382/268	268	25
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
Total	10	0	0	0	89	19	2	

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

5. Other Construction Work Sites Related Issues:

UPG-01: Provisional Completion Certificate (PCC): “The Engineer” has issued the PCC with effect from 12th July-2021 and further Final Completion Certificate was issued on 12th

August 2021; The Project is under Operation and Maintenance Phase. The O&M Phase activities are being monitor as per Contractor's Proposed O&M manual and Contractor ESMP Provisions.

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

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

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

UPG-03: DFO South Kheri demanded the provisions of 3 (Ch.12+870, Ch.13+546 & Ch.15+205, – Wild Animal /Cattle Underpass in the Reserve Forest Area Sections (Ch.12+000 to Ch.13+800 & Ch.14+680 to Ch.16+065); In principal the Authority has granted permission vide letter ref. no.95/800-6/UPCRNDP/WBYC/19 dated.17/01/2020.CUPworks are completed at all 3 locations except 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 15th March, 2022; O&M Period is started from 15th 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 10th January, 2022; O&M Period is started from 11th January, 2022.

Redevelopment of Exhausted Borrow Area:

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

Removal of Construction Waste/ unserviceable Materials: **UPG-01-** Final closure NOC for Contractor's Camp at Ch.14+200 and Ch.57+000 is received. **UPG-02–** Final Closure NOC received. **UPG-03**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 May, 22	Month of May, 22	Month of May, 22	Month of May, 22	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos.	6	5	31	88	130
2	Man-hours worked / Day (as above)	Hrs.	48	40	248	1056	1392
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	1152	960	6448	32736	41296
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	1	0
c	Minor Injury	Nos	0	0	0	4	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	04	2	2	0	8
b	Major Injury	Nos	0	0	2	2	4
c	Minor Injury(Road Incident Data)	Nos	0	0	4	0	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
Note:- All data as provided by the Contractor and verified by AE's Field Staff. UPG-01 and UPG-02 Project Completed; O&M Period is Under Progress.							

a. Road Safety Project Implementation Status

ROAD SAFETY 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 Equipments at Sites during O&M Period

Safety Items Name	UPG-01	UPG-02	UPG-03	UPG-04
PVC Plastic Barriers	12	11	30	30

Safety Cones	15	18	50	15
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 st Road Safety Audit Date During Construction	2 nd Road Safety Audit Date During Construction	3 rd 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 st 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 st 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 th AUG 2021	Completed on 23. SEPT 2020	Completed 24 FEB 2021	Completed on 25 th 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 th MARCH 2022	Completed on 29. SEPT. 2020	Completed on 6 JULY 2021	Completed on 8 th APRIL 2022	1 st & 2 nd wave of COVID-19 delays Extension of Time (EOT) of 4 months. Completed on Date 15 th March 2022
UPG-04	Badaun-Bilsa-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 th 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-Shajahanpur) 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 UP PWD, 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 31.05.2022 is tabulated as follows:

(a) Project Risk Management During Construction Period of Phase-I Roads

Risk #	Risk #	Risk Title	Consequence s/Impacts	Risk Owner	Risk Sev.	Risk Mitigation Plan/Action Taken
1	Technical	Access to Land	Cost/Time	Authority		Land made available to Contractor well in advance
2	Technical	Relocation of Utilities	Cost/Time	Authority		All utilities to be relocated outside the ROW in time
3	Technical	Rehabilitation of Common Property Resources	Affect the schedule, and may result in delay	All	H	Coordinate with Gram Panchayat, Authority and UPPWD and NGO to acquire land outside the ROW to relocate CPR's and early submission of construction drawings for approval
4	Technical	Environment 1. Construction of Rain Water Harvester. 2. Tree Plantation	Affect the schedule and delay of project	Contractor	H	Contractor to submit the complete details of plant and MoM to be finalized with approved Nursery. Get approval from Authority engineer.
5	Technical	Contractor to get approval for all revised drawing. Bridge Construction Work interrupted due to revised design and late submission of supporting documents. Contractor	Time/Cost impact	Contractor	H	Contractor to appoint experienced design engineer and supporting staff and provide all design well in advance to review and approval from PMC. Recovery plan to be submitted with Additional Resources

		proceeded with works without AE approval of design.				
6	Technical	Delay associated with renewing approval of construction materials - asphalt mix, & Supply of asphalt mixes with their approval certificate expired	Cost impact to contractor, delay the schedule	Contractor	M	Regularly check the status of their certificates to ensure suppliers license is valid, liaise with MED. To get the right source & should not change
7	Safety	Spread of Covid-19 disease as Omicron	Affect the schedule and delay of project	All	M	Contractor to follow SOP & take all the precautions in order to reduce the effect of disease. PMC/Contractor to ensure all staff/worker must be vaccinated.
8	Technical	Delay of submittal approvals, work programs, construction programs, etc.	Time & cost	Contractor / Engineer	M	Contractor to submit in advance as Consultant require 2 weeks for review submittals to Authority Engineer
9	Technical	A. Inadequate traffic diversion/ management plan (approval) and lighting during the construction period B. Traffic diversions for Bridge expansion joint replacements	Time, cost of new diversion & traffic approval issues	Consultant & contractor	M	Contractor to coordinate with relevant stakeholders to attain approval
10	Safety	Road Diversion	Serious injury / public fatalities and workers	Contractor /AE	H	Provide the alternate temporary diversion road, working area should be barricaded. Necessary traffic safety sign board and warning lights to be placed, Water should be sprinkle on the ground based on atmospheric condition. Provide face Mask and safety glass in addition to PPE. Safety Checklist to be submitted with RFI prior to starting any works on the Live carriageway.

11	Technical	Fixing of ROW Pillar ,Km ,5th km and hectometer stone	Time Impact	Contractor	M	Organize meeting with land department, get coordinates and request for early marking.
12	Safety	Unload and load, Handling of materials and equipment using Crane and 6 wheeler Trailer Truck.	Serious onsite injuries / illness, Two or three permanent incapacitating on site	Contractor	H	Driver should be competent and third party certified. Place warning signs and barricade the lifting area. Lifting plan to be followed strictly. Usage of PPE kit.
13	Technical	Procurement of Material for Bus Shelter	Time Impact	Contractor	M	Contractor to expedite the Procurement of all material in advance as soon as design of bus shelter approved. Contractor to expedite the fabrication work with additional team.
14	Technical	Casting of kerb at Bus lay bye and truck lay bye and fixing of Bus shelter	Time /Cost Impact	Contractor	M	Contractor to engage extra manpower to complete the work
15	Safety	Road marking and fixing of Road furniture ant traffic calming Measures in urban Area	Time/cost Impact/Risk for commuters	Contractor	M	Contractor to engage additional resources and manpower to complete the work. Contractor to monitor on daily basis.
16	Technical	Change of Scope	Cost &Time Impact/overall completion of project	Contractor	M	All COS for project to be submitted by contractor to the AE for their review and recommendation to the authority.
17	Technical	Delay construction in Mohammadi Urban Area	Time Impact	Contractor	H	During site visit by SE ,has instructed to start the work and the mean time COS submit under Article 13. Contractor to expedite the work and prepare the recovery plan to complete the work in approved schedule
18	Technical	Delay in launching of Composite Girder for minor bridges.	Time Impact	Contractor	M	Contractor has engaged skilled team and suitable machinery to launch the composite girder and other misc. Works related to minor bridge slab construction. Contractor to ensure the regular maintenance of Machinery in order to complete the work as per schedule.

19	Technical	Delay in submitting of Re-design of Major Bridge at ch.25+608	Time Impact	Contractor	M	During Site Visit by TL & DTL and various meetings with UPPWD and contractor, it was instructed to submit re-design of Major bridge asap after signature of proof check consultant and safety consultant. However re-design was submitted and approved basically by AE. Instructed contractor to expedite the work and follow the construction methodology
20	Technical	Submission of As-Built drawings and other handing over documents, such as Adoption Forms, O &M and Road Performa before completion of the projects. Preparation of all documents and equipments required for Maintenance Period	Inaccurate drawings, project closure delay . Possible delays to maintenance leading to accidents.	Contractor	M	Contractor to engage the 3rd party to certify As-Built early. Timely review, certify and submission. Discuss the progress of As-Built submission in Monthly Progress Meeting. Preparation in advance of completion.
21	Maintenance	Timely Submission of Monthly Maintenance Program as per CA	Possible delay to rectify the Defects and difficult to monitor the work as per O & M manual	Contractor	M	Contractor to submit Monthly Maintenance Program as per CA including proposed maintenance works, condition of road in format and deployment of resources for maintenance.
22	Safety Provisions required for any Maintenance work on live carriageway	Submission of Traffic Management Plan for Lane closure during Maintenance	Risk for commuters	Contractor	M	Contractor to submit TMP for approval from AE of closing lane/narrowing the Live carriageway prior to starting rectification of defects. Use additional flagman and proper sign boards as per IRC standard. The work zone to be barricaded with water filled plastic barriers.

23	Technical	Timely rectification of noted defects and submission of compliance report	Risk for commuters	Contractor	M	Contractor to procure the material for rectification in advance and rectify the notified defects as per specification and given time period on Contract Agreement for O&M and submit the Compliance Reports to AE with evidences.
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(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

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-SUV 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. on 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 on and commencement from 05 May, 2022.	Mr. Srinivas Rao Nayani
14	Phase-2 of Supervision Consultancy.	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # RFP issue to shortlisted firm on dated 09-Feb-2022 # Bid Received & Technical Bid open on dated 25-March-2022 & under Evaluation. #TEC Evaluation Done on 23-April-2022 now Bids are under PSC Approval. 	
15	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. #RFP issued on 12 May 2022 & #Prebid meeting on 27 May 2022, Minutes under the World Bank Approval & N.O. # Technical Bid opening date is scheduled on 13 June 2022. 	
16	External Evaluation Consultant for RAP implementation	QCBS	Post	<ul style="list-style-type: none"> Procurement under process # EOI was opened on 12 Jan, 2022. Bids under Evaluation. # The Technical open on dated 12 Jan, 2022 and evaluated by TEC on 5-6 Feb 2022. # Approved by PSC (Project Steering Committee) & World Bank. # RFP issue to shortlisted firm on dated 04-April-2022 # Bid Received & Technical Bid open on dated 04-May-2022 & under Evaluation. 	
17	Consultant firms for conducting Road User Satisfaction Surveys (Baseline) for Phase-2 Roads.	QCBS	Post	<ul style="list-style-type: none"> Procurement under process # TOR under World Bank Approval. 	
18	Mid-term & End-term evaluation of Road User Satisfaction Surveys for Phase-1 & 2 Roads	QCBS	Post	<ul style="list-style-type: none"> Procurement under process # TOR in Progress. 	
19	Consultancy Services for Independent Quality Auditor for Phase-2 Roads UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	<ul style="list-style-type: none"> Procurement under process # TOR in Progress. 	

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. # Under Evaluation.	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 Submission Start Date 27-Apr-2022 & Scheduled Bid Opening Date 03-June-2022.	
3	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB		The Government of Uttar Pradesh has given administrative and financial approval to the project. Bid Documents are under approval from WB.	
4	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	ICB		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 May 2022
PART - C – Up to May 2022 (USD) - CLAIMED AMOUNT

SI No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance
1	Remuneration for TL	\$1,124,640	\$1,225,501	\$910,658	\$314,843
Gross Amount (Foreign Component)		\$1,124,640	\$1,225,501	\$910,658	\$314,843
2	Escalation			\$62,145	
Grand Total		1,124,640	1,225,501	\$972,803	

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

SI No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	52,034,400	43,239,000	14,848,347	28,390,653
2	Reimbursable Expenses	18,552,152	30,896,321	20,867,118	10,029,203
Total		70,586,552	74,135,321	35,715,465	38,419,856
3	Escalation			4,602,206	
Grand Total		70,586,552	74,135,321	40,317,671	

PART – B:

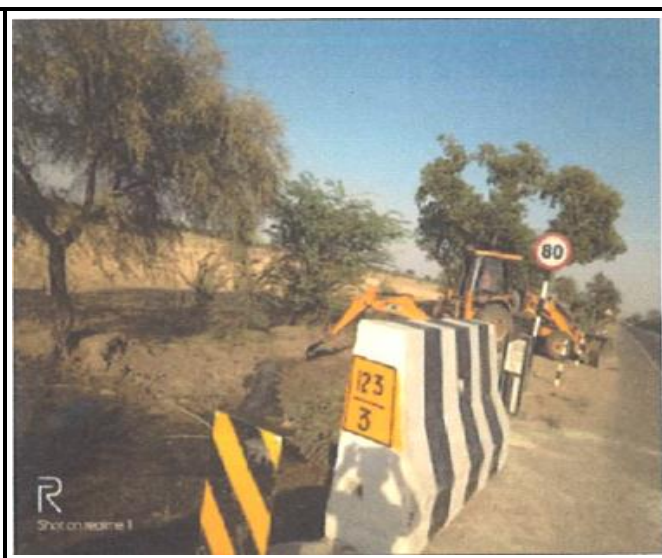
CONSTRUCTION SUPERVISION OF CIVIL WORKS

PHOTOGRAPHS

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



Safety Training/Tool Box Talk



Culverts Inlet & Outlet Cleaned.



Bushes Cutting is in progress



Ch. 129+500 - Cleaning of Drain Weep Hole work is in progress



Ch. 134+600 – Soft Shoulder Repairing works is in progress



Safety Training by Construction Safety Engineer

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



Weep Hole at Correct Fished Road Level and Cleaned.



Hazard Marker and Bollards Fixed at Culvert.



Toilet Block at Truck layby cleaning work is in progress



Ch. 26+500 - RCC Drain outlet cleaning work is in progress

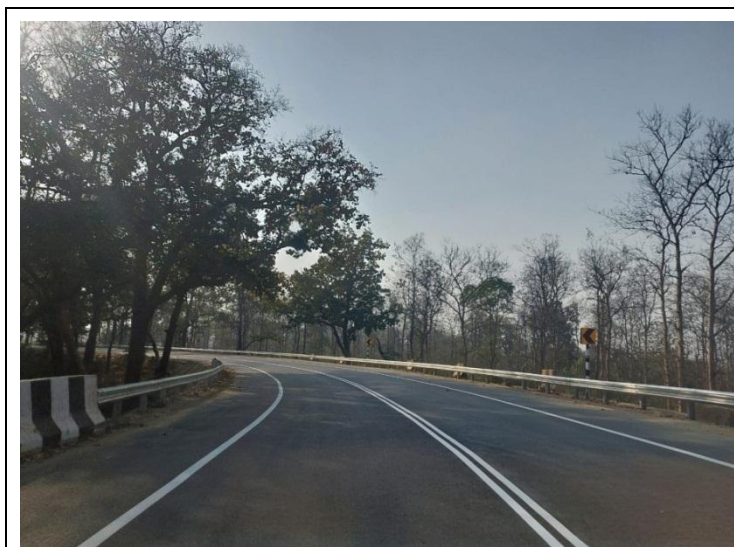


Major Bridge at Ch. 59+731 - Expansion Joint cleaning work is in progress



From Ch. 36+000 to Ch. 40+000 (BS) - Soft shoulder work in progress

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



Faded Road Marking Redone.



From Ch. 47+500 to Ch. 47+540 (LHS) - Drain side cleaning work is in progress



Ch. 9+450 (LHS) - Bus Shelter Paver Block repairing is in progress



From Ch. 44+650 to Ch. 46+600 - Road Marking completed



Ch. 45+526 (RHS) - Damaged Hazard marker replaced



Ch. 41+236 (LHS) - Damaged Hazard marker replaced

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



MNB at Ch. 130+021 – Damaged MCB replaced



Bus Shelter Repair Completed.



Ch. 110+750 (RHS) - Village Sign Board replaced



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



Ch. 66+550 (RHS) –Damaged Cover Slab of RCC Drain replaced with new ones.



MNB @Ch. 130+021 (RHS) - Boulder Pitching repaired

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 MAY 2022

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	02.05.2022	Egis India/LKO/UPCRNDP/2022/1740	GAWAR	Clarification regarding Base Date of Project as per the Contract Agreement	
2	02.05.2022	Egis India/LKO/UPCRNDP/2022/1741	EE,PWD,Hamipur	(Online Forest Proposal No- FP/UP/ROAD/117342/2020) Reg. Submission of Forest Proposal after Completion of Joint Verification	
3	04.05.2022	Egis India/LKO/UPCRNDP/2022/1742	CE,PWD,Lucknow	Phase-I Roads [Hamirpur-Rath Road (UPG-01) & Gola-Shahjahanpur Road (UPG-03)]- Reg. Stage-I Forest Clearance (Online Forest Proposal No- FP/UP/ROAD/117342/2020) Reg. Change in Compensatory Afforestation	
4	04.05.2022	Egis India/LKO/UPCRNDP/2022/1743	CE,PWD,Lucknow	Mobilization of Computer Operator Mr. Sidhartha Shukla wef 02.05.2022 during Maintenance period	
5	04.05.2022	Egis India/LKO/UPCRNDP/2022/1744	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh for Part-B Services from 04.05.2022	
6	04.05.2022	Egis India/LKO/UPCRNDP/2022/1745	Shweta	Completion Certificates of Road Safety Audits for UPG-02	
7	04.05.2022	Egis India/LKO/UPCRNDP/2022/1746	Shweta	Completion Certificates of Road Safety Audits for UPG-01	
8	04.05.2022	Egis India/LKO/UPCRNDP/2022/1747	Shweta	Completion Certificates of Road Safety Audits for UPG-03	
9	04.05.2022	Egis India/LKO/UPCRNDP/2022/1748	Shweta	Completion Certificates of Road Safety Audits for UPG-04	
10	05.05.2022	Egis India/LKO/UPCRNDP/2022/1749	SE,PWD,Lucknow	(Online Forest Proposal No. FP/UP/ROAD/147236/2021) Regarding Degraded Forest Land for Compensatory Afforestation (CA) in Bahraich Shravasti and Gonda Divisions	updated as advised by Independent Environmental Expert, UPPWD and resent on 06.05.2022
11	05.05.2022	Egis India/LKO/UPCRNDP/2022/1750	EE,PWD,Kanpur	Regarding Closure of Project Site Office & Submission of Documents (Handing Over Documents)	enclosures received from RE Office Rath on 11.05.2022

12	05.05.2022	Egis India/LKO/UPCRNDP/2022/1751	NKC/GHV/APCO/GAWAR	Augmentation of Safety Provisions during Operation and Maintenance (O&M) Activities on Live Carriageway.	
13	06.05.2022	Egis India/LKO/UPCRNDP/2022/1752	CE,PWD,Lucknow	Submission of USD Component Invoice No.92 for the month of April 2022	
14	06.05.2022	Egis India/LKO/UPCRNDP/2022/1753	APCO	Engineer in Chief Site Inspection on 12.05.2022 at 9:00AM for Gola-Shahjahanpur Road Project	UPPWD letter No. 865 Dated 06.05.2022
15	06.05.2022	Egis India/LKO/UPCRNDP/2022/1754	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh from 04.04.2022 to 27.04.2022	
16	07.05.2022	Egis India/LKO/UPCRNDP/2022/1755	APCO	Final Construction Road Safety Audit Report by the Independent Agency – Carried out on 8th April 2022	
17	09.05.2022	Egis India/LKO/UPCRNDP/2022/1756	CE,PWD,Lucknow	Submission of Part-B and Part-C INR Component Invoice No.97 for the month of April 2022	
18	09.05.2022	Egis India/LKO/UPCRNDP/2022/1757	APCO	Environmental Site Inspection Report for the period from 28th to 30th April, 2022 for EMP Implementation during the Maintenance Period	
19	10.05.2022	Egis India/LKO/UPCRNDP/2022/1758	PD,PWD,Lucknow	Proposal No. FP/UP/ROAD/ 13414/2015) - Reg. Stage-II Forest Clearance	
20	10.05.2022	Egis India/LKO/UPCRNDP/2022/1759	GHV-NKC-APCO-GAWAR	Regarding Pre-Monsoon Inspection of Structures	
21	11.05.2022	Egis India/LKO/UPCRNDP/2022/1760	GAWAR	Site Visit Program of Construction Safety Engineer Mr. Suraj Kumar Pathak from 11.05.2022 to 13.05.2022	
22	11.05.2022	Egis India/LKO/UPCRNDP/2022/1761	CE,PWD,Lucknow	Request to Release of Outstanding Payment (Variation Amount of Escalation) of Part B & Part C of PMC Services. (Reminder -2)	

23	11.05.2022	Egis India/LKO/UPCRNDP/2022/1762	GHV	Site Visit Program of Resident Engineer & Sr. Bridge Engineer from 13.05.2021 and 14.05.2022.	
24	12.05.2022	Egis India/HO/UPCRNDP/82657/2022	APCO	Request for Revision of per Km, Running Cost of Road Side Drains as per Schedule-H & Revised Cost Estimate for De-Scoped Length of Project Highway	APCO letter No. 739 Dated 30.04.2022
25	13.05.2022	Egis India/LKO/UPCRNDP/2022/1763	CE,PWD,Lucknow	Cost Estimate of ROB, Railway Portion (Bahraich-Gonda-Faizabad Road Section of State Highway No.- 30)	
26	13.05.2022	Egis India/LKO/UPCRNDP/2022/1764	CE,PWD,Lucknow	Approval of Replacement CV Submission of Mr. Satya Vrat Pandey for Social Development Specialist against Replacement of Dr. Sudesh Kaul, Social Development Specialist of Part-C Services	
27	13.05.2022	Egis India/LKO/UPCRNDP/2022/1765	CE,PWD,Lucknow	Approval of Replacement CV Submission of Mr. Jagdish Prasad for Sr. Bridge Design Engineer against Replacement of Mr. Rashid Ahmad Najfi, Sr. Bridge Design Engineer (Intermittent) of Part-C Services	
28	13.05.2022	Egis India/LKO/UPCRNDP/2022/1766	GHV-APCO-GAWAR	Survival of Trees as per the Provisions of ESMP under the EPC Contract Agreement	
29	13.05.2022	Egis India/LKO/UPCRNDP/2022/1767	GAWAR	Site Inspection Notes of Deputy Team Leader Mr. Sarwan Singh Saini Dated 28th to 30th April 2022	
30	14.05.2022	Egis India/LKO/UPCRNDP/2022/1768	CE,PWD,Lucknow	Request to Release the Outstanding Payment for the National Holidays	
31	14.05.2022	Egis India/LKO/UPCRNDP/2022/1769	CE,PWD,Lucknow	Reg. Stage-II Forest Clearance of Gola-Shahjahanpur	
32	14.05.2022	Egis India/LKO/UPCRNDP/2022/1770	GAWAR	Occupational Health & Safety (OH&S) Site Inspection and Observation Report Dated 12.05.2022 by the Construction Safety Engineer	
33	17.05.2022	Egis India/LKO/UPCRNDP/2022/1771	GAWAR	Clarification regarding Base Date of Project as per Contract Agreement	
34	17.05.2022	Egis India/LKO/UPCRNDP/2022/1772	CE,PWD,Lucknow	Submission of Final Copies of As-Built Drawings as per Sub-Clause 10.2.7 of Article 10 of Contract Agreement (CA)	GHV letter No. 922 Dated 12.02.2022
35	18.05.2022	Egis India/LKO/UPCRNDP/2022/1773	EE,PWD,Lucknow	Lower Rate of TDS @3.65%	

36	18.05.2022	Egis India/LKO/UPCRNDP/2022/1774	GHV	O&M Site Inspection Report of Resident Engineer (Maintenance) Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma Dated 13.05.2021 and 14.05.2022	
37	18.05.2022	Egis India/LKO/UPCRNDP/2022/1775	CE,PWD,Lucknow	Reimbursement of GST against Invoices claimed for the month of February and March 2022 against Part-A, Part-B & C of UPCRNDP (USD and INR Components)	
38	18.05.2022	Egis India/LKO/UPCRNDP/2022/1776	GHV	Project Information Board of Hamirpur-Rath	
39	18.05.2022	Egis India/LKO/UPCRNDP/2022/1777	NKC	Project Information Board of Garautha-Chirgaon	
40	18.05.2022	Egis India/LKO/UPCRNDP/2022/1778	APCO	Project Information Board of Gola-Shahjahanpur	
41	18.05.2022	Egis India/LKO/UPCRNDP/2022/1779	GAWAR	Project Information Board of Badaun-Bilsi-Bijnaour	
42	18.05.2022	Egis India/HO/UPCRNDP/UPG-3/82851/2022	APCO	Submission of Claim Towards Delay in Handing Over of Encumbrance Free Land Under Clause no. 8.3.1 of CA - From Appointed Date to 30th November 2021 Only.	APCO letter No. 838 Dated 30.04.2022, 643 Dated 13.11.2021
43	20.05.2022	Egis India/LKO/UPCRNDP/2022/1780	EE,PWD,Aligarh	Joint Inspection for Identification of Protected Forest Area Boundary at Anupcity Branch, Ganga Canal - (Garh - Siyana - Bulandshahr SH-No. 65)	
44	21.05.2022	Egis India/LKO/UPCRNDP/2022/1781	CE,PWD,Lucknow	Professional Indemnity Insurance Certificate No. 4023/COI (Policy No. 4023/219483190/01/000)	
45	23.05.2022	Egis India/LKO/UPCRNDP/2022/1782	GAWAR	Site Visit Program of Resident Engineer Mr. Anjani Kumar, Sr. Bridge Engineer Mr. Rajiv Ranjan Verma and Road Safety Auditor Mr. Bhushan Kr. Merigala on 23.05.2021 and 24.05.2022	
46	24.05.2022	Egis India/LKO/UPCRNDP/2022/1783	CE,PWD,Lucknow	Request to Release Outstanding Payment of DPR of Phase-II Roads (Part-A Services) – (Reminder)	
47	24.05.2022	Egis India/LKO/UPCRNDP/2022/1784	CE,PWD,Lucknow	Request to Release Outstanding Payment of Part-B & C Services – (Reminder)	
48	25.05.2022	Egis India/LKO/UPCRNDP/2022/1785	GAWAR	O&M Site Inspection Report of Resident Engineer (Maintenance) Mr. Anjani Kumar and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma Dated 23.05.2021 and 24.05.2022.	

49	26.05.2022	Egis India/LKO/UPCRNDP/2022/1786	APCO	Request for Final Payment Statement (IPC-17) - RETURNED	APCO letter No. 747 Dated 24.05.2022
50	26.05.2022	Egis India/LKO/UPCRNDP/2022/1787	GHV	Regarding Submission of Independent Quality Audit (IQA) Report UPCRNDP (UPPWD) 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 18th and 19th April 2022	
51	26.05.2022	Egis India/LKO/UPCRNDP/2022/1788	APCO	Regarding Submission of Independent Quality Audit (IQA) Report UPCRNDP (UPPWD) 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 20th and 21st April 2022	
52	26.05.2022	Egis India/LKO/UPCRNDP/2022/1789	GAWAR	Regarding Submission of Independent Quality Audit (IQA) Report UPCRNDP (UPPWD) 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 22nd and 23rd April 2022	
53	26.05.2022	Egis India/LKO/UPCRNDP/2022/1790	GAWAR	Site Visit observations by Road Safety Auditor Mr. Bhushan Kumar Merigala on 24th May 2022	
54	27.05.2022	Egis India/LKO/UPCRNDP/2022/1791	CE,PWD,Lucknow	Regarding Construction of Four Nos. of Additional Minor Bridges at Ch. Km. 93+787, 105+205, 107+791 and 108+425 for Irrigation Canal Crossings as Proposed by Irrigation Department.	
55	27.05.2022	Egis India/LKO/UPCRNDP/2022/1792	GHV/NKC/APCO/ GAWAR	Regarding Pre & Post Monsoon Inspection of Structures and Maintenance Works - REMINDER	
56	30.05.2022	Egis India/LKO/UPCRNDP/2022/1793	APCO	Request for Revision of per KM Running Cost of Road Side Drains as per Schedule-H & Revised Cost Estimate for De-Scoped Length of Covered RCC Drain from Project Highway.	APCO letter No. 748 Dated 24.05.2022 and 739 Dated 30.04.2022
57	30.05.2022	Egis India/LKO/UPCRNDP/2022/1794	GAWAR	Clarification Regarding the Base Date of Project as per Contract Agreement.	GAWAR letter No. 916 Dated 26.05.2022
58	30.05.2022	Egis India/LKO/UPCRNDP/2022/1795	NKC	Site Visit Program of Construction Safety Engineer Mr. Suraj Kumar Pathak from 30.05.2022 to 03.06.2022	
59	31.05.2022	Egis India/LKO/UPCRNDP/2022/1796	CE,PWD,Lucknow	Consolidated Monthly Progress (O&M) Report (CMPR) No. 34 for the month of April 2022	
60	31.05.2022	Egis India/LKO/UPCRNDP/2022/1796	CE,PWD,Lucknow	Consolidated Monthly Progress (O&M) Report (CMPR) No. 34 for the month of April 2022	

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

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	02.05.2022	01 Camp/Site Inspection	EE,PWD,Kanpur	Site Inspection Observations with AE/JE Dated 02.05.2022	
2	03.05.2022	GCL/Camp/SH-51/BBB/2022/900	GAWAR	Clarification regarding Base Date of Project as per Contract Agreement.	
3	04.05.2022	134/3C/2022	EE,PWD,Sitapur	Request to available verified land records (Owners Name Land area, Land rate and Maps of Gata Nos mentioned in the letters (SH-30)	
4	04.05.2022	135/3C/2022	EE,PWD,Sitapur	Request to available verified land records (Owners Name Land area, Land rate and Maps of Gata Nos mentioned in the letters (SH-30)	
5	04.05.2022	136/3C/2022	EE,PWD,Sitapur	Request to available verified land records (Owners Name Land area, Land rate and Maps of Gata Nos mentioned in the letters (SH-30)	
6	05.05.2022	GHV/Site/SH-42/Rath/944	GHV	Maintenance Monthly Program for the month of May 2022	
7	05.05.2022	390/1M-WBPC/22	SE,PWD,Moradabad	(1) Necessary Action required to obtained NOC from Forest Department with regards to Environmnetal Clearance/Forest Clearance/Wildlife Clearance (2) Identification of affected persons for getting compensation in lieu of purchasing their lands under Phase-II Roads of SH-49/SH-65/SH-100.	
8	05.05.2022	APCO/WB-UPPWD/EGIS/ST/741	APCO	Submission of Maintenance Program from 1st May to 31st May 2022	
9	06.05.2022	865 EAP/06EAP/2019	CE,PWD,Lucknow	Chief Engineer's(Rural Road) Site Inspection of Gola-Shahjahanpur Road Project on 12.05.2022 at 9:00AM	
10	06.05.2022	395/4EA-WBPC/22	SE,PWD,Moradabad	Regarding Submission of Report on Inpection of PMC	

11	06.05.2022	GCL/Camp/SH-51/BBB/2022/907	GAWAR	Accident data report for the month of April 2022	
12	07.05.2022	GCL/Camp/SH-51/BBB/2022/910	GAWAR	Submission of Monthly maintenance programme for the m/o May 2022	
13	07.05.2022	287/A-4	EE,PWD,Kanpur	Compliance to Site Inspection Report of SE,PWD,Kanpur Dated 25.04.2022 and Egis Inpection Report Dated 06.04.2022 and 26.04.2022	
14	08.05.2022	GCL/Camp/SH-51/BBB/2022/912	GAWAR	Compliance of Site Inspection by the Assistant Highway Engineer Dated 08.04.2022.	
15	09.05.2022	173/Env-30/UPCRNDP/WBPC/22	SE,PWD,Lucknow	Degraded Forest Land for Compensatory Afforestation (CA) of Phase-II Roads - SH-30	
16	09.05.2022	174/Env-30/UPCRNDP/WBPC/22	SE,PWD,Lucknow	Degraded Forest Land for Compensatory Afforestation (CA) of Phase-II Roads - SH-30	
17	09.05.2022	175/Env-30/UPCRNDP/WBPC/22	SE,PWD,Lucknow	Degraded Forest Land for Compensatory Afforestation (CA) of Phase-II Roads - SH-30	
18	09.05.2022	NKC/HO/GC/2022-23/56	NKC	Site Inspection Observation by UPPWD AE/JE dated.18.04.2022	
19	10.05.2022	887 EAP Meetings/CEEAP/2022	ENC (Rural Road),PWD	Minutes of Meeting (MoM) Dated 09.05.2022 regarding Forest Clearances of Phase-I and Phase-II Roads	
20	10.05.2022	902/Phase-II/UPCRNDP/SOC/CEWAB/2022	PD,PWD,LUCKNOW	Minutes of Meeting with M/s Sugam International Sansthan regarding the RAP Implementation in Phase-II Roads of UPCRNDP	
21	10.05.2022	904/1-12/UPCRNDP/CEEAP/2022	ENC (Rural Road),PWD	Rectification in condition No.1 of Stage-I Clearance	
22	11.05.2022	913 EAP/Meetings/CEEAP/2022	ENC (Rural Road),PWD	Minutes of Meeting for World Bank Projects under Maintenance on 10.05.2022 by Engineer in Chief (RR)	
23	13.05.2022	923/1-12/UPCRNDP/CEEAP/2022	PD,PWD,LUCKNOW	Survival of Trees as per the Provisions of ESMP under the EPC Contract Agreement	

24	13.05.2022	924/1-12/UPCRNDP/CEEAP/2022	CE,PWD,Lucknow	Stage -II Forest Clearance of Gola-Shahjahanpur Road	
25	10.05.2022	88/UP/06/109/2016/FC/85	Up Van Mahanirikshak Kendriye	Ministry of Environmnet, Forest and Climate Change, Integrated Regional Office, Lucknow letter No. 85 Dated 10.05.2022-Online Proposal No. FP/UP/Road/13414/2015- Approval regarding Reserved Forest Land and Cutting of Tree of Gola-Shahjahanpur Road	
26	20.05.2022	983/1-12/UPCRNDP/CEEAP/2022	CE,PWD,Lucknow	Meeting on Environmental/Forest Clerances and EIA Status under Phase-II Roads and Stage-II Clearances under Phase-I Roads - Meeting on 07.06.2022	
27	23.05.2022	449/GSB	EE,PWD,Aligarh	Joint Inspection for Identification of Protected Forest Area Boundary at Anupcity Branch, Ganga Canal - (Garh-Siyana-Bulandshahr SH-65)	
28	23.05.2022	490/15C-WBPCK/22	SE,PWD,Kanpur	(1) Site Inspection of Maintenance Works at Hamirpur-Rath and Garautha-Chirgaon on 25.05.2022 and; (2) Review Meeting of Land Acquisition, Forest Proposal and Utilitiy Shifting of Missing Link on 25.05.2022 at 2:00PM	
29	24.05.2022	APCO/WB-UPPWD/EGIS/ST/748	APCO	Request for revision of per km.running cost of Road side drains as per Schedule-H and revised cost estimate for De-scope length of project highway.	
30	24.05.2022	455/32 Com-WBPC/22	SE,PWD,Moradabad	Review Meeting regarding Environmental/Forest Clearances and EIA Status under Phase-II Roads and Stage-II Clearance under Phase-I Roads on 07.06.2022	
31	24.05.2022	159/3C/2022	EE,PWD,Sitapur	Regarding Cost Estimate of ROB, within Railway Boundary only at Level Crossing No. 3-SPL/3E under Bahraich-Gona-Faizabad Road (SH-30)	E-mail by TL Sir
32	26.05.2022	GCL/Camp/SH-51/BBB/2022/916	GAWAR	Clarification regarding Base Date of Project as per Contract Agreement.	
33	27.05.2022	324/A-6	EE,PWD,Kanpur	Reserved Forest Land of Village Kuchchesa, Tahseel Rath Distt. Hamirpur under Missing Link Road	
34	31.05.2022	1068 EAP/1-12/UPCRNDP/CEEAP/2022	CE,PWD,Lucknow	Stage-II Forest Clearances of Phase-I Roads Hamirpur-Rath (UPG-01), Gola-Shahjahanpur (UPG-03)	
35	31.05.2022	28/Tour/CEEAP/2022	PD,PWD,LUCKNOW	Tour Program of Project Director on 04 and 05.06.2022 to UPG-01 and UPG-02 Road Projects	

Enclosure-2

PMC Organization Chart

1.13 Consultant's Organization Chart

MONTH - MAY 2022

