



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. 42
DECEMBER-2022

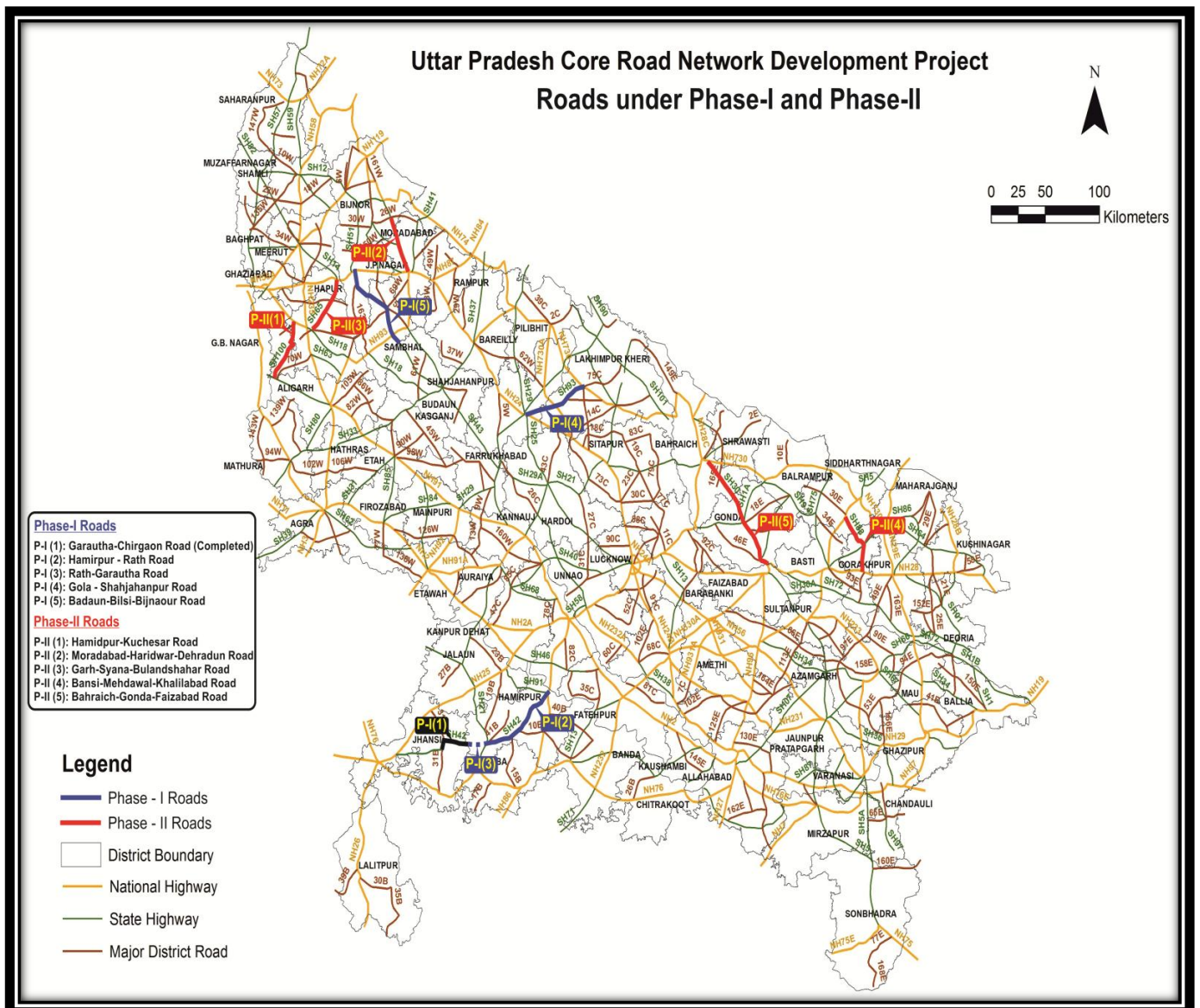


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APPENDIX A - UPG-01 (ANNEXURE-A TO ANNEXURE-E)

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

APPENDIX C - UPG-03 (ANNEXURE-A TO ANNEXURE-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 have been mobilized to perform the respective PMC activities of consultancy services from the commencement of the Project.

This **Monthly Report No. 42** 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 of 2 other Contract packages are completed and under maintenance phase.
2	Gola-Shahjahanpur Road	SH-93	59	No Change	57.535	Under Maintenance
3	Badaun-Bilsi-Bijnaour	SH-51	79	No Change	79.125	Under Maintenance
4	Utraula-Faizabad Road*	SH-9	59	Replaced by Balrampur – Utraula-Faizabad Road	87.150	Client has further excluded from WB funding.
5	Lepulekh-Bhind (From Jalalabad) Road	SH-29	54	Omitted: Taken as NH	0	Deleted
6	Bridge Over River Sharda	–	–	Shifted to Phase-II	–	Relinquished due to Land acquisition constraints.
		Total	419		382.622	

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

The Roads finalized under Phase-I are as under:

S. No.	Package	Road/Works	Category	Length (Km)	Civil Cost (INR Cr)	Present Status
1	UPG-01	Hamirpur-Rath	SH-42	72.785	262.40	Under O&M from 12 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 is given under Part-B Component.

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

Background and Present Status of Missing Link Road:

- Approval of DPR and Procurement of Missing Link road, the middle section of proposed SH-42 could not be initiated due to land acquisition and RAPs constraints. At the time of selection of Phase-II roads DPR, client and World Bank agreed to bypass the Rath town to minimise constraints and the DPR has been revised to procure the project to implement Civil works in Phase-II timeline.
- Bidding documents of Missing Link approved by UPPWD & World Bank
- Bid was floated on 7th January, 2022; only one bid was received hence cancelled following the Government Procurement Policy i.e. a minimum 3 responsive bidders required for opening of bids.
- Therefore, Bid was refloated on 31st May, 2022; 3 bids received and all qualified after evaluating the Technical Part of the Bids.
- Technical Bid Evaluation Report sent to WB on 30.06.2022 for approval.
- Financial Tender has been opened on 20th September 2022
- Micro Plan of Title Holders Missing Link for District -Jhansi approved by the Review Committee and 67% Registry of Title Holders completed remaining is in progress.
- Micro Plan of Title Holders Missing Link District- Hamirpur approved by the Review Committee and 20% Registry of Titleholders completed remaining is in progress.
- Forest Proposal of Missing Link submitted to UPPWD vide Egis letter No. Egis India/LKO/UPCRNDP/2022/1920 Dated 26.08.2022.
- CVs of Sub professional staff for the position of Asst. Surveyor Mr. Gopal Krishna Biswas submitted vide letter No. Egis India/LKO/UPCRNDP/2022/1987 dated 10.10.2022, for Assistant Highway Engineer Mr. Rajeev Ranjan submitted vide letter No. Egis India/LKO/UPCRNDP/2022/1915 Dated 24.08.2022 and for Technician Field Mr. Avinash Kumar Mourya submitted vide letter No. Egis India/LKO/UPCRNDP/2022/1957 Dated 15.09.2022.
- Forest Clearance proposal has been returned twice (14-10-2022 & 30-11-2022) by the Nodal to DFO (Hamirpur and Jhansi) especially due to NIC issues on Parivesh portal.
- NIC issues have been resolved and proposal recommended by Nodal to State Level on 06.01.2023 for further recommending to MOEFCC for Stage-I clearance.

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 including 18% GST(Cr)
1	Moradabad-Haridwar-Dehradun Road	SH-49	36.000	356.40	36.275	528.26
2	Garh- Syana-Bulandshahar Road	SH-65	49.500	499.20	49.624	851.03
3	Baharaich - Gonda-Faizabad Road	SH-30	60.100	365.00	59.240	437.74
4	Hamidpur- Kuchesar Road	SH-100	47.500	289.20	19.078	180.25
5	Bansi-Mehndawal-Khalilabad Road	SH-88	32.000	193.10	28.880	257.06
Total			225.100	1702.90	193.097	2254.34

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	35.880	277.75	2 Lane	Approved	Approved	Approved	Approved
2	Bansi-Mehdawal-Khalilabad	SH-88	28.880	257.06	2 Lane	Approved	Approved	Approved	Approved
3	Bahraich-Gonda-Faizabad	SH-30	59.240	437.74	2 Lane	Approved	Approved	Approved	Approved
4	Garh-Siyana-Bulandshahr Road	SH-65	49.624	851.03	4 Lane	Submitted	Submitted	Approved	Submitted
5	Moradabad-Haridwar-Dehradun	SH-49	36.275	528.26	4 Lane	Approved	Approved	Approved	Submitted
6	Hamidpur-Kuchesar Road	SH-100	19.078	180.25	2 Lane	Submitted	Submitted	Approved	Submitted
TOTAL			228.977	2532.09					

Notes: # Tender Drawings of SH-49, SH-65 and SH-100 roads submitted to UPPWD via E-mail dated 03.10.22.

Moradabad-Haridwar-Dehradun (SH-49)- DPR Volume-VII Updated Bid Document along with the Compliance Table submitted to the Authority via E-Mail Dated 27.12.2022.

Garh-Siyana-Bulandshahr (SH-65)- DPR Volume-VII Updated Bid Document along with the Compliance Table submitted to the Authority via E-Mail Dated 27.12.2022.

Hamidpur-Kuchesar Road (SH-100)- DPR Volume-VII Updated Bid Document along with the Compliance Table submitted to the Authority via E-Mail Dated 27.12.2022.

Phase-II Roads - Forest Clearance

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

Sl. No.	Proposed Phase-II Roads		FC/EC - Application and Approval Status (by MoEFCC)						
	Roads	Length (Km)	FC/EC	FC No.	PF Area (Ha)	RF Area (Ha)	Non-Forest (Ha)	Trees in PROW	Remarks
1	Rath – Garautha Road (Missing Link) SH-42	35.880	FC Applicable	FP/UP/ROAD / 117342/ 2020	1.0684	17.117	88.8566	2454	Nodal has recommended to State Govt. on 06.01.2023.
2	Bansi-Mehdawal-Khalilabad SH-88	28.880	Not Applicable	NA	0	0.000	4.8782	10880	Revised Demand received; Partially Paid; Balance Payment to be made
3	Bahraich-Gonda-Faizabad SH-30	59.240	FC Applicable	FP/UP/ROAD / 147236/2021	82.7212	0.00	0.511	40946	Demand for payment is awaited
4	Garh-Siyana-Bulandshahr Road SH-65	49.624	EC Applicable	To be Applied	26.984	0.000	34.474	11660/ 6995	Under Process
5	Moradabad-Haridwar-Dehradun SH-49	36.275	FC Applicable	FP/UP/ROAD /153873/2022	35.624	0.000	12.895	7176	EDS raised on 18-11-2022 to upload corrected KML File; To be Complied.
6	Hamidpur-Kuchesar Road SH-100	19.078	Not Applicable	NA	0	0.000	3.866	9630	Revised Demand received; Payment to be made
TOTAL		228.977			146.3976	17.117	145.4808	82746/ 6995	
Note:		FC is not involved for SH-88 & SH-100, however to cut the affected trees Demand for payment is received for both the roads. Such as for SH-100 Hamirpur-Kuchesar Road (FD, Gautam Budhha Nagar INR 60.73 Lac; FD, Bulandshahr INR 608.53 Lac) and for SH-88 (Bansi-Mendhwal-Khalilabad Road (FD-Siddhartha Nagar INR 267.27; FD-Sant Kabir Nagar INR 69.36).							

Phase-II Roads – Status of Social Safe Guard

1. Submission and Approval of RAP/SMP

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

2. Status of Pre Activities

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

Sl. No.	District	Tehsil	No. of Villages affected	Land to be acquired (Ha)	No. of TH	Date of meeting of district Committee on land proposal	Approval of land acquisition proposal from Committee	Status of execution of sale deed	Target Date	Remarks
1	Hamirpur	Rath	13	52.044	1418	30.08.2022	07.10.2022	134	-	20% Registry of Titleholders completed and remaining is in progress..
2	Jhansi	Garaut ha	4	16.419	408	22.06.2022	12.07.2022	305	31.12.2022	67% Registry of Titleholders completed and remaining is in progress.
Total			17	68.463	1826	-	-	439	-	-

Note: **Non-Title holder and CPR** – Joint verification of Updated data to be started.

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

Sr. No .	Road No	District	Tehsil	No. of Villages affected	Land to be acquired (Ha)	No. of TH	Verification	Submission of updated data by Rev Dept. to PWD	Signing of Sahmati Patra from THs	Date of meeting of district to Committee on land proposal	Approval of land acquisition proposal from Committee	Target date/Remarks
1	SH 42	Hamirpur	Rath	13	52.044	1289	Completed	Received	Completed	04.07.2022	30.08.2022	
2		Jhansi	Gharauth	4	16.419	408	Completed	Received	Completed	22.06.2022	12.07.2022	December, 2022. Micro Plan (TH) approved by Review Committee. Disbursement of land compensation started
3	# SH 88	Siddharth Nagar	Bansi	12	1.887	317	Completed	Received	Completed			Land proposal yet to be submitted by NGO to PWD
4		Sant Kabir Nagarr	Menhdawal	9	2.912	635	Completed	Completed	Completed			Land proposal yet to be submitted by NGO to PWD
5	# SH 30	Bahraich	Bahraich	3	0.209	63	Completed					As reported by NGO, private land is not required
6		Gonda	Gonda	2	0.259	18	Completed	Completed	Completed			Land proposal submitted to DM office on 20.10.2022
7	SH 49	Moradabad	Moradabad/ Kanth	18	11.011	866	In progress					Land proposal yet to be submitted by NGO to PWD
8	SH 65	Bulandshahr	Bulandshahr	26	28.647	828	Yet to start					
9		Hapur	Garhmukteswar	8	4.106	355	Yet to start					
10	SH 10 0	Bulandshahr	Sikandrabad	8	3.866	323	Yet to start					
Total				103	121.360	5102						

Status of Identification, Verification and Approval of NTH & CPRs

Sr. No.	Activities	Roads						Remarks
		Missing Link (SH-42)	SH-49	SH-65	SH-30	SH-88	SH-100	
1	Identification & Verification	Completed	In Progress	Yet to Start	Completed	Completed	In Progress	
2	Submission of draft Identification & Verification Data	Submitted	To be Submitted		Submitted	Submitted	To be Submitted	
3	Joint Verification of NTH & CPRs	Completed			Completed	Completed		
4	Submission of Final Identification & Verification Data	Awaited			Awaited	Awaited		
5	Approval Identification & Verification Data							
6	Valuation of Affected Structures							
7	Submission of Micro Plan NTHs							
8	Approval of Micro Plan NTHs							

Phase-II Roads Meetings

05.12.2022 –Meeting regarding Progress of Land Acquisition of Missing Link Road held on 05.12.2022 at S.E. UPPWD, office, Kanpur. Meeting attended by Asst. Social Development Specialist Mr. Bikram Singh.

Phase-II Roads Site Visits Carried out during the Month

01.12.2022 to 03.12.2022 - Joint verification carried out by the Assistant Social Development Specialist Mr. Bikram Singh for Non-Title Holders (NTH) /Common Property Resources (CPRs) of Bahraich-Gonda-Faizabad Road (SH-30) along with UPPWD officials, SUGAM International Sansthan (NGO).

07.12.2022 to 12.12.2022 - Joint verification carried out by the Assistant Social Development Specialist Mr. Bikram Singh for Non-Title Holders (NTH) /Common Property Resources (CPRs) of SH-42 Missing Link along with UPPWD officials and SUGAM International Sansthan (NGO).

4. Project Management Information System (PMIS)

The Progress on various modules of PMIS is indicated below:

Sl. No.	Modules	Status
1	Grievance Redressal System	Completed
2	Project Website	Completed

3	Content Management System (CMS) / Document Management System	Completed
4	Knowledge And Documentation Centre	Completed
5	Works Estimation System / BOQ automation, Measurement System, Risk Management, Quality Management System	Completed
6	Financial Accounting & Cost Management System	Completed
7	E-Procurement System (provide interface)	Completed
8	Scope Management System	Completed
9	Monitoring and evaluation (M&E) & Decision Support System	Completed
10	Computer Aided Design (CAD) System	Completed
11	Project Roads Database	Completed

Note: Construction Supervision Manual, Road Maintenance Manual and Quality Management Program all reports of Phase-II Roads were submitted on 18th November 2021.

5. Financial Progress of Consultant (PART-B)

Financial Expenditure of PMC Services up to December-2022

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

SI No.	Description	Contract Amount (INR)	Amt as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	8,22,86,700	9,03,54,046	6,82,73,637	2,20,80,409
2	Remuneration for Non- Key Professionals	18,79,38,800	14,74,53,510	8,71,25,015	6,03,28,495
3	Reimbursable Expenses	4,46,07,516	4,83,63,117	2,98,42,798	1,85,20,319
Total		31,48,33,016	28,61,70,673	18,52,41,450	10,09,29,223
4	Escalation			4,63,63,427	
Grand Total		31,48,33,016	28,61,70,673	23,16,04,877	

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	-	-	-
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 was involving improvement of State Highways including geometric improvements and realignments to standard 2-lane of 7 m carriageway, 1.5 m paved shoulders, and 1 m 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-Shahajahanpur SH-93 (UPG-03)	M/s APCO Infratech Pvt. Ltd.	57.535	Draft Copy of Structures and Plan & Profile Drawings reviewed by the AE and observations notified to the Contractor for incorporation. Also instructed to submit Highway Drawings for AE's review after checking by the Design Consultant. Resubmission Awaited.	-
Badaun-Bilsi-Bijnaour SH-51 (UPG-04)	M/s GAWAR Construction Ltd.	79.125	Draft Copy of Highway, Structures and Plan & Profile Drawings reviewed by the AE and observations notified to the Contractor for incorporation. Also instructed to submit Highway, Structures and Plan & Profile Drawings for AE's review after checking by the Design Consultant. Resubmission Awaited.	-

11. Highway Details

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

Project Highway 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 assigned the maintenance responsibility for affected 816 Rm length of completed project highway to the Concerned Agency (Irrigation Department).

12. Structure Details:

Project Road - Completed Structures:								
Project Road	UPG-01: Hamirpur-Rath SH-42		UPG-02: Garautha- Chirgaon SH-42		UPG-03: Gola- Shahajahanpur 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	343.51	IPC-16	
Badaun-Bilsi-Bijnaour (EPC)	334.08	333.54	IPC-19	Final IPC
TOTAL (In Crore)	1150.55	1136.62		

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

a. Meeting/Training held during the Month

24.12.2022-Egis Virtual Internal Meeting held on 24.12.2022 regarding Accident Data Collection and Crash Analysis on Phase-I Completed Roads UPCRNDP and Minutes of Meeting (MoM) issued.

b. Site Visits Carried out during the Month

01.12.2022- Team Leader Mohd. Ayaz Beg and Deputy Team Leader Mr. Sarwan Singh Saini visited the Garautha-Chirgaon project road on 01.12.2022 and Site Inspection Report issued to the Contractor (NKC) for your necessary compliance vide letter No. Egis letter No. Egis India/LKO/UPCRNDP/2022/2053 Dated 08.12.2022.

09.12.2022-Site inspection carried out by the Deputy Team Leader Mr. Sarwan Singh Saini, Resident Engineer Maintenance Team Mr. Anjani Kumar, Environment Specialist Mr. Devbrat Singh and Assistant Highway Engineer Mr. Ram Pratap Singh along with Contractor (APCO) Representative Mr. Kuldeep Kumar on dated 09th December 2022 for Gola-Shahjahanpur project road and Site Inspection Report issued to the Contractor (APCO) for necessary compliance vide letter No. Egis letter No. Egis India/LKO/UPCRNDP/2022/2057 Dated 12.12.2022.

09.12.2022- Environmental Expert Mr. Devbrat Singh visited Hamirpur to attend a meeting of DFO, Hamirpur in order to explained and shown the EDS closure documents.

14.12.2022 to 16.12.2022- Mr. Satya Vrat Pandey Social Development Specialist (Intermittent) was mobilized for three days from 14.12.2022 to 16.12.2022 in order to attend Meetings with the UPPWD Social Expert and regarding land verification works and update in detail of micro plan prepared by the NGO and the same informed to the Client (UPPWD) vide letter Egis India/LKO/UPCRNDP/2023/2085 Dated 06.01.2023.

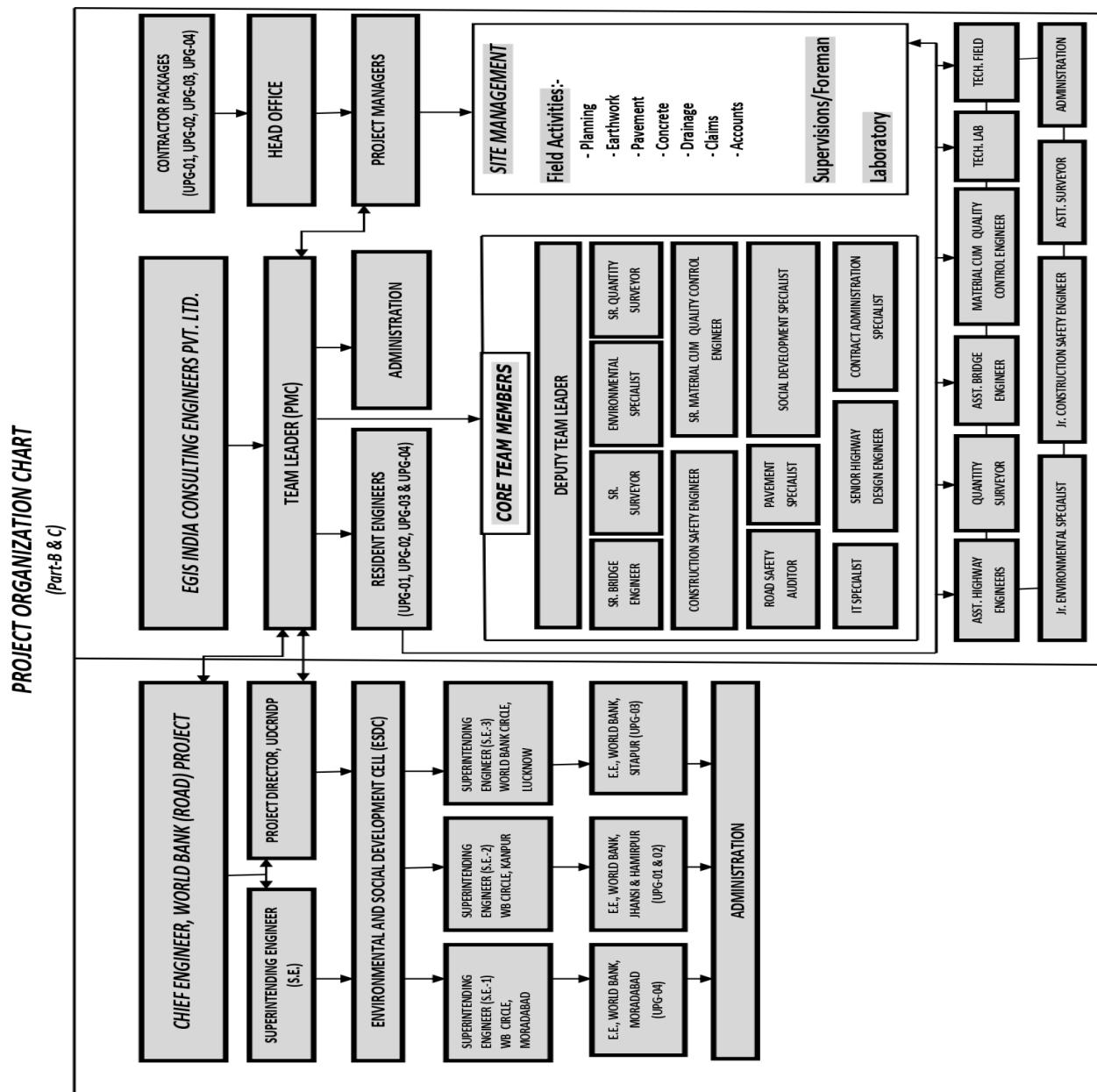
15.12.2022 to 17.12.2022- Site inspection of Garautha-Chirgaon project road was carried out by the Road Safety Auditor Mr. Bhushan Kumar Merigala along with Resident Engineer Mr. Anjani Kumar and Construction Safety Engineer Mr. Suraj Kumar Pathak and Contractor (NKC) Authorized Maintenance Engineer from 15th December to 17th December 2022 and their observations notified to the Contractor (NKC) vide Egis letter Egis India/LKO/UPCRNDP/2022/2067 Dated 21.12.2022.

27.12.2022 to 28.12.2022- Site Visit carried out by the Construction Safety Engineer Mr. Suraj Kumar Pathak for Badaun-Bilsi-Bijnaour Project Road. Informed to the Contractor (GAWAR) vide letter No. Egis India/LKO/UPCRNDP/2022/2075 Dated 26.12.2022.

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	CV of Mr. Anil Kr. Bajaj submitted for Part-C Services. Approval awaited.
Senior Highway Design Engineer	Mr. Sanjay Kumar	18		Part-C Services (Existing Staff of EGIS)
Senior Bridge Design Engineer (intermittent)	Mr. Jagdish Prasad	10		Part-C Services- Intermittent Input
IT Specialist	Mr. Sanjay Ayyangar	36	10.09.19	AE has requested to extend the man months for IT position in order to comply with all WB requirements.
Social Development Specialist	Mr. Satya Vrat Pandey	16.44	08.08.18	Part-C Services- Intermittent Input
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	Part-B & C Services
Environment Specialist	Mr. Devbrat Singh	45	15.03.18	Part-B & C Services
Senior Surveyor	-	16	05.03.18	Position not required.
Senior Bridge Engineer	Mr. Rajiv Ranjan Verma	39	01.05.20	Part-B Services
Senior Quantity Surveyor (Additional)	Mr. Anil Katiyar	42	19.02.20	Part-B Services
PMIS/Procurement Sub-professional	Mr. Deepak Pant	72	26.06.19	
Assistant Social Development Specialist (Additional)	Mr. Bikram Singh	10	11.09.19	
Office Manager cum Accountant	Mr. K. C. Joshi	72	14.05.18	
Computer Operator	Mr. Ashok Kumar Srivastava	72	15.04.15	
Office Assistant	Mr. Sunil Kumar	72	03.06.19	
Watchman	Mr. Rahul Kannojiya	72	01.07.22	

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

Requested Authority for Approval for Extending the Time Period of the Egis Consultant Maintenance Team for Supervision of Maintenance Works of Completed 4 Road Projects under UPCRNDP from 1st April 2023 to 31st March 2024 vide Egis letter Egis India/HO/UPCRNDP/90384/2022 Dated 16.12.2022.

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 AMAZE	UP-32 RN 6588	23.07.2018	
CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH & UPG/02 Garautha–Chirgaon				
3	Dzire	UP-93 AR8893	01.05.2020	
CONTRACT PACKAGE – UPG/03 GOLA – SHAHJAHANPUR				
4	BOLERO	UP-27 AT8925	21.12.2022	
UPG/04 BADAUN – BILSI – BIJNAOUR				
5	BOLERO	UP-23 AF6502	01.09.2022	

1 No. Vehicle (UP 27 AT 8925 Mahindra Bolero) mobilized at Gola-Shahjahanpur project road site w.e.f. 21.12.2022 and informed to the Authority vide letter Egis India/LKO/UPCRNDP/2022/2069 Dated 21.12.2022 (in reference to the Approval received from the Authority vide E-Mail Dated 18.11.2022).

iii. Offices

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

Site Office Addresses:

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

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 December 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 up to 31st October 2021 (from the completion date of Part-1 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.

Addendum/Supplementary Agreement for the Extension of Contract Period submitted by the Contractor (NKC) vide letter No. NKC/HO/GC/2022-23/014 Dated 15.11.2022 and the same submitted to the Client (UPPWD) vide letter No. Egis India/LKO/UPCRNDP/2022/2033 Dated 16.11.2022. Supplementary Agreement signed by both the parties UPPWD and Contractor.

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:

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

Staff Mobilization

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

Operation and Maintenance Centre Establishment

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

Base Camp Office Address:

M/S NKC Projects Pvt. Ltd.

Plot No. 218, Village- Nehar Kothi Gursarai, Moth Road

Tehsil- Tehrauli, Dist.- Jhansi (UP)- 284202

Mob no- 9696991471 (Mr. Sameer Ranjan Moharana)

List of Contractor Staff Mobilized for Maintenance Period

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

List of Equipment Mobilized for Maintenance Period

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

Correspondence during O&M Period

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

Materials

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

18. Work Progress

i. Design and Drawings

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

ii. Maintenance Work Programme

The Contractor has submitted Maintenance program as per Clause A-1.4 for the month of December 2022 which is reviewed by the PMC Consultant.

iii. Monthly Maintenance Payment Certificate

Monthly Maintenance Payment Certificates for the months of November 2022 and December 2022 have not been submitted by the Contractor(NKC).PMC instructed Contractor to submit the Maintenance Payment Certificate as per Special Conditions of Contract (SCC) Clause 42.7 of Contract Agreement.

iv. Physical Progress

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

v. Quality Control/Quality Assurance

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

vi. Meetings & Site Inspections

- Regular Site Visits have been carried out by the AE and his observations notified in the Inspection Reports issued to the Contractor to ensure the safety of road users and for necessary compliance.
- Site visit carried out by the Resident Engineer, Maintenance Team Mr. Anjani Kumar, Road Safety Auditor Mr. Bhusan Kumar Merigala and Construction Safety Engineer Mr. Suraj Kumar Pathak for the period from 15.12.2022 to 17.12.2022 and Site Inspection Report issued to the Contractor for necessary compliance vide letter No. Egis letter No. Egis India/LKO/UPCRNDP/2022/2067 Dated 21.12.2022.
- Site visit carried out by the Team Leader Mohd. Ayaz Beg and Deputy Team Leader Mr. Sarwan Singh Saini on dated 01.12.2022 and Site Inspection Report issued to the Contractor for necessary compliance vide letter No. Egis letter No. Egis India/LKO/UPCRNDP/2022/2053 Dated 08.12.2022.

vii. Key Issues

- Contractor strictly instructed to ensure that 2 Nos. Toilet Blocks at Truck Lay Bys must be functional 24X7 with running water and Power. Contractor has started fixing the water supply and power and cleaning regularly as damaged due to vandalism.
- No further action has been taken by the Irrigation Department on safety works at Ch. 139+600 where the 15 m deep box culvert has been constructed for Irrigation Canal Crossing; also the pavement at this location has not been reinstated fully to finish road level. This section of the road remains a concern for safety of road users.
- Concrete Crash Barrier painted over by Local Residents at many locations to be repainted black and white as per Contract requirement for structure visibility for safety of road users.

The Contractor has painted the concrete barriers however, some of them have been painted over again with slowguns for elections.

- UPPWD representatives express the serious concerns of encroachments to the concerned departments such as Police and DM office for clearing all encroachments and preventing the local residents from occupying ROW and carriageway. Work on removal is in progress and expected to be maintained consistently in future to prevent fatal accidents. Furthermore the local residents and farmers were informed by the Authorities that it is very dangerous to dry their crop on the live carriageway due to speeding vehicles and were warned by the police that no crop should be placed on the live carriageway as it can cause fatal accidents.
- The Contractor was instructed to arrange help through coordination with patrolling party, vehicle rescue post and other agencies including Ambulance services offered by Emergency Medical Transport Service provided by Health and Family Welfare, Govt. of Uttar Pradesh. Contractor to record and submit all accident report to AE.
- The Contractor has taken action for safety requirements whenever lane closures or narrowing of carriageway is required for maintenance. The Contractor is also consistently warned that the work will be suspended if safety compliance are not implemented before starting maintenance works.
- The Contractor was instructed with AE inspection report that all road signs specifically speed limit signs must be regularly inspected jointly with AE as number of road signs are frequently vandalized and stolen which causes confusion to the road users.

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 December 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).

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

Authority Engineer has issued to the Contractor:

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

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

Maintenance & 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

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-Bihunito Ch. 52+800 LHS, Village-Muskara.

Base Camp Office Address:

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

2. Human Resources

Contractor has mobilized Key Staff as given below;

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

3. Equipment and Machinery

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

4. Material

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

e. Work Progress**i. Design and Drawings**

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

ii. Project Completion /Operation and Maintenance

Rev.01 O&M Manual received vide letter ref. GHV/Site/SH-42/Rath/829 dated 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.

iii. Maintenance Work Programme

Maintenance Program for the current month was received by AE as per Clause 14.3 of Article-14 of Contract Agreement. AE has monitored the O&M activities as per Program.

iv. Monthly Maintenance Statement (MMS)

Monthly Maintenance Statements for the months of October 2022, November 2022 and December 2022 have not been submitted by the Contractor (GHV). Authority Engineer instructed Contractor to submit the Monthly Maintenance Statement as per Clause 19.6 of Contract Agreement.

v. Physical Progress

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

f. Quality Control / Quality Assurance

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

Final Compliance Report (observation points which were missing from the compliances of the 3rd Independent Quality Audit (IQA) Report) of Independent Quality Audit (IQA) Report of 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 18th and 19th April 2022 for Hamirpur-Rath Road submitted to the Authority vide Egis letter Egis India/LKO/UPCRNDP/2022/2061 and Egis India/LKO/UPCRNDP/2022/2079 Dated 31.12.2022.

g. Meetings & Site Inspections

- Regular Site Visits have been carried out by the AE and his observations notified in the Inspection Reports issued to the Contractor to ensure the safety of road users and for necessary compliance.
- Site visit carried out by the Executive Engineer, P.W.D., A.E., J.E. & A.H.E. on dated 15.12.2022.

h. Key Issues

General Site Related Issues:

- UPPWD representatives express the serious concerns of encroachments to the concerned departments such as Police and DM office for clearing all encroachments and preventing the local residents from occupying ROW and carriageway. Work on removal is in progress and expected to be maintained consistently in future to prevent fatal accidents. Furthermore the local residents and farmers were informed by the Authorities that it is very dangerous to dry their crop on the live carriageway due to speeding vehicles and were warned by the police that no crop should be placed on the live carriageway as it can cause fatal accidents. Survey works of the buildings encroaching the road project ROW is in progress and complete report with data will be submitted to the municipality, police for taking further action of demolishing any building within the ROW of the project.
- The Contractor has taken action for safety requirements whenever lane closures or narrowing of carriageway is required for maintenance. The Contractor is also consistently warned that the work will be suspended if safety compliance are not implemented before starting maintenance works.
- Reinstate the aprons of culverts with boulders at the inlets and outlets in progress.
- Faded Road Marking at various locations of the highway is being repainted with thermoplastic reflective material. Instructed Contractor to focus on major junctions and replace all missing Road Studs.
- The Contractor instructed to make all 4 No's: Toilet Blocks functional 24X7 with running water and power and clean them regularly. However, the Contractor is to handover to the local municipality for keeping them open 24X7.
- The Contractor was instructed to arrange help through coordination with patrolling party, vehicle rescue post and concerned agencies including Ambulance services offered by Emergency Medical Transport Service provided by Health and Family Welfare, Govt. of Uttar Pradesh. Contractor to record all accidents and submit the all accident report to AE by visiting the local police stations for the details frequently.
- The repair of cracks in the PQC is in progress however, AE has instructed the Contractor that this repair work will be monitored and if cracks reappear then these panels with cracks will have to be replaced.

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 -Shahajahanpur 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-Shahajahanpur 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 on dated 15th March 2022 as all the works were completed within the Extension of Time granted to the Contractor (Via CE, PWD Email dated 20.06.2022) due to the Force Majeure Event caused by the Pandemic COVID-19.

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

The Project work includes the Up-gradation (Widening/Strengthening) of existing Carriageway, that is 2 lanes with paved shoulder in the stretch from Design Chainage (1+280) to (59+380) and maintenance and Defect Liability Period (DLP) for 5 years. Also a major bridge with six spans total span width 116 m and 4 No: minor bridges with spans over 40 m to be reconstructed.

b. Salient Features

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

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

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

e. Staff Mobilization

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

f. Construction Activities: Focuses on O&M Works

i. Mobilization of Contractor

1. Operation and Maintenance Centre Establishment

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

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

2. Human Resources

Contractor has mobilized Key Staff listed in table below;

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

3. Plant and Machinery

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

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

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

4. **Material**

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

g. **Work Progress**

i. **Design and Drawing**

Reminded Contractor (APCO) to submit the As Built Drawings vide Egis Letter Egis India/LKO/UPCRNDP/2022/2065 Dated 20.12.2022 & Egis India/LKO/UPCRNDP/2022/2078 Dated 29.12.2022. However, submission of the same is awaited till the submission of the current month CMPR Report to the Authority.

ii. **Maintenance Work Programme**

Maintenance Program for the current month was received by AE as per Clause 14.3 of Article 14 of Contract Agreement. AE has monitored the O&M activities as per Program.

iii. **Financial Progress**

Contractor has required to re-submit the Final Payment Statement (IPC-17) for AE's review & recommendation to the Authority.

Revised Final Payment Statement (Interim Payment Application No. 17) submitted by the Contractor (APCO) vide letter APCO/WB-UPPWD/EGIS/ST/790 Dated 03.12.2022 has been reviewed by AE and comments forwarded to the Contractor (APCO) vide letter Egis India/LKO/UPCRNDP/2022/2063 dated 20.12.2022 for compliance and re-submission in order to recommend to the Authority at the earliest.

Engineer requested Authority to take an early action and Issue Change of Scope (COS) Notice as per Article-13, Sub-Clause 13.2.1 of the Contract Agreement (Comparison of Rate Analysis of Dense Bituminous Macadam (DBM I&II) Mix Design (Job Mix Formula-JMF) Grade-I & Grade-II Prepared with Reclaimed Asphalt Pavement (RAP) Mix Design for Gola-Shahajahanpur (SH-93) in order to resolve the matter at the earliest vide Egis letter Egis India/HO/UPCRNDP/88973/2022 Dated 04.11.2022.

In compliance to the decision conveyed by the Authority (vide E-Mail Dated 11.11.2022), Engineer informed the Authority vide Egis letter Egis India/HO/UPCRNDP/89215/2022 Dated 14.11.2022 that the Final Bill will be processed without making any adjustment for using RAP material, being property of the Client.

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

The Monthly Maintenance Statements MMS 07, 08 & 09 for the period from 01st September'2022 to 30th November'2022 submitted by the Contractor vide letter No. APCO/WB-UPPWD/EGIS/ST/792 Dated 10.12.2022 is under review of AE.

Monthly Maintenance Statement for the month of December 2022 has not been submitted by the Contractor (APCO). Authority Engineer instructed Contractor to submit the Monthly Maintenance Statement as per Clause 19.6 of Contract Agreement.

v. Physical Progress

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

Further Progress details presented in:

Annexure-D, Logistic Plan for O&M Phase

Compliance Photographs of the 3rd Independent Quality Audit (IQA) Report submitted to the Authority vide letter Egis India/LKO/UPCRNDP/2022/2062 Dated 19.12.2022. Compliance Report of the 3rd Independent Quality Audit (IQA) Report has already been submitted to the Authority vide letter Egis India/LKO/UPCRNDP/2022/1991 Dated 12.10.2022.

h. Meetings & Site Inspections

- Daily Routine Site Inspection for monitoring maintenance works carried out by AHE with Contractor's Field Staff.
- Site Visit carried out by Deputy Team Leader Mr. Sarwan Singh Saini, Resident Engineer Maintenance Team Mr. Anjani Kumar & Environment Specialist Mr. Devbrat Singh on dated 09.12.2022 and Site Inspection Report issued to the Contractor for necessary compliance vide letter No. Egis India/LKO/UPCRNDP/2022/2057 Dated 12.12.2022.

i. Key and Potential Issues

- The encroachment problem has been brought to the attention of the District Magistrate by the UPPWD representatives and clearing is in progress.
- The Contractor has finalized all As Built drawings incorporating all the comments of AE and is in the process of arranging prints on the polyester paper and to submit two copies A2 size with correct scales at the earliest.
- Contractor instructed to submit the Consolidated Waste Management Plan before final closure/expiry of land owner's agreement for both Camps. Contractor reported that the procedures have started but due complex system it has been delayed however contractor pursuing it.
- It has been noted with serious concerns that herds of elephants have recently moved into the forest adjacent to the highway section where chain link fencing and underpasses were provided for the wild animals such as tigers and Blue bucks to cross the live carriageway safely. However, the elephants herds have damaged the chain link fencing extensively which has been brought to the Authorities attention and forest department. Discussions with all concerned parties are in progress to resolve this issue at the earliest.
- The Contractor was instructed to arrange help through coordination with patrolling party, vehicle rescue post and concerned agencies including Ambulance services offered by Emergency Medical Transport Service provided by Health and Family Welfare, Govt. of Uttar Pradesh. Contractor to record all accidents and submit the all accident report to AE by visiting the local police stations frequently. The Authority representative has also advised the local police stations to assist the Contractor and AE for providing the details of fatal accidents recorded.
- Faded Road Marking at various locations of highway to be carried out in order to guide the traffic and safety of road users to prevent accidents and instructed the Contractor to mobilize immediately road marking team to repaint with thermoplastic reflective material all faded road marking.

j. Weather Report

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

21. CONTRACT PACKAGE UPG-04

a. Introduction

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

Sl. No	Contract Package	Length (Km)	Completion Period (As per Contract)	Contract Agreement Date	Commencement Date (As per Contract)	Actual Completion Date	O&M Period/DLP Period/ Commencement Date
1.	ICB No. UPCRNDP/UPG/04/2018 Badaun-Bilsi-Bijnaour Road (SH-51)	79.125	730 days	5 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 100% as on 31st January 2022 and Financial Progress is 99.96% up to November 2022. Work completed. Within contract price with savings.

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.

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

b. Salient Features

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

c. Description of Works

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

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

d. Mobilization of Consultant

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

e. Staff Mobilisation

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

f. Construction Activities: Focuses on O&M Works

Mobilization of Contractor

1. Base Camp Establishment

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

Base Camp office Address for Civil works: 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, Teh & 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**

A Copy of letter of Commitment (vide letter GCL/Camp/SH-51/BBB/2022/1013 Dated 09.12.2022.) by the Contractor (GAWAR) to submit the as Built Drawings within a week from the date of issuance of Final Payment Certificate (recommended to the Authority vide letter Egis India/HO/UPCRNDP/UPG-04/90165/2022 Dated 09.12.2022) forwarded to the Authority vide Egis letter Egis India/LKO/UPCRNDP/2022/2066 Dated 21.12.2022.

Reminded Contractor (GAWAR) to submit the As Built Drawings vide Egis letter Egis India/LKO/UPCRNDP/2022/2077 Dated 29.12.2022. However, submission of the same is awaited till the submission of the current month CMPR Report to the Authority.

ii. Maintenance Work Programme

The Contractor's Maintenance program submitted as per Clause 14.3 of Article 14 of Contract Agreement for the month of December 2022 has been reviewed by the AE and instructed to re-submit the same as commented by the AE. However, the maintenance works have been carried out as agreed by the Authority Engineer.

iii. Financial Progress

AE has reviewed Contractor's Final Payment Statement for the Completed Project Work of Highway submitted vide letter No. No. GCL/Camp/SH-51/BBB/2022/1005 Dated 02.12.2022 and recommended to the Authority vide Egis letter No. Egis India/HO/UPCRNDP/UPG-04/90165/2022 Dated 09.12.2022.

iv. Monthly Maintenance Statement (MMS)

Monthly Maintenance Statements for the months of October 2022, November 2022 and December 2022 have not been submitted by the Contractor (GAWAR). Authority Engineer instructed Contractor to submit the Monthly Maintenance Statement as per Clause 19.6 of Contract Agreement.

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

v. Quality Control / Quality Assurance

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

Compliance of Independent Quality Audit (IQA) report dated 22nd and 23rd April 2022 submitted by the Contractor (GAWAR) vide letter no. GCC/Camp/SH-51/BBB/2022/989 dated 13.10.2022 forwarded to the Authority vide letter no. Egis India/LKO/UPCRNDP/2022/1995 dated 14.10.2022.

vi. Common Property Resources (CPRs)

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

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

h. Meetings & Site Inspections

- Regular Site Visits were conducted by AHE and Inspection reports with observations were issued to the Contractor in accordance to the conformity of safe use of project highway.
- Site visit carried out by the Construction Safety Engineer, Maintenance Team Mr. Suraj Kumar Pathak on dated 27th to 29th December 2022 and Site Inspection Report issued to the Contractor vide Egis Letter No. Egis India/LKO/UPCRNDP/2022/2080 Dated 02.01.2023.

i. Key Issues

- UPPWD representatives express the serious concerns of encroachments and dumping of garbage within the ROW of the completed road project, to the concerned departments such as Police and DM office for clearing all encroachments and preventing the local residents from occupying ROW and carriageway. Work on removal is in progress and expected to be maintained consistently in future to prevent fatal accidents. Furthermore, the local residents farmers were informed by the Authorities that it is very dangerous to dry their crop on the live carriageway due to speeding vehicles and were warned by the police that no crop should be placed on the live carriageway as it can cause fatal accidents.
- The 2 Nos. Completed Toilet Blocks must be fully functional 24x7 and cleaned regularly by the Contractor. Any damage due to vandalism or theft must be reported to the Police and AE for record purposes.
- The safety of the road users is paramount therefore, the Contractor is continuously instructed to have all safety measures in place and start maintenance works on carriageway after approval of AE.
- Four Irrigation canal crossings by UP Irrigation Department with Bridge/Box Culverts have been completed and the pavement reinstated, however, concerns expressed of quality of work as per UPPWD standards. Maintenance of these sections will be the responsibility of the Concerned Authority as the works were carried out by Irrigation Department Contractor after completion of the road by UPPWD Contractor. AE has expressed concerns regarding the safety at these locations because the works such as painting of concrete barriers, fixing hazard markers, MBCB and stone pitching of embankment slopes not completed but these sections are open to traffic. The status has been informed to the Authority for further action with the Irrigation Department.
- RCC Drains to be cleaned at regular intervals and dumping of garbage in the RCC drain by local residents to be reported to the Police/Authority Representative/AE for further action by the municipalities to prevent any accidents.
- The Contractor was instructed to arrange help through coordination with patrolling party, vehicle rescue post and concerned agencies including Ambulance services offered by Emergency Medical Transport Service provided by Health and Family Welfare, Govt. of Uttar Pradesh. Contractor to record all accidents and submit the all accident report to AE by visiting the local police stations frequently. The Authority representative has also advised the local police stations to assist the Contractor and AE for providing the details of fatal accidents recorded.

j. Weather

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

ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

22. ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

a. Introduction

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

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

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

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

b. ESHS Issues and Corrective Actions Taken

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

i. Essential Project Insurances

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

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	17-10-23 (Renewed)	IFFCO-TOKIO GENERAL INSURANCE CO.LTD	11-07-26 Extended up to O&M Period	IFFCO-TOKIO GENERAL INSURANCE CO.LTD/32123941	11-07-21 (Renewed) + 60months O&M Period
UPG-02	GO DIGIT GENERAL INSURANCE LTD.	21-08-23 (Renewed)	The New India Insurance Co. Ltd.	01-11-21 (Was required up to DLP)	The New India Insurance Co. Ltd.	01-11-21 (Was required up to DLP)
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 (Renewal under process)	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

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 renewed; as per CA the CAR Policy has to be maintained up to DLP which is completed on 01-11-21.
 UPG-03 Renewal/ Extended copy of WC Policy & CAR Policy including DLP period is received;
 UPG-04 WC Policy-Renewal is under process & 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 Exhausted 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	31	0	0	0	31	NIL	31
Total	173	145	140	0	0	0	140	0	140

Note:

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

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

1. ESHS Cell/ Staff:

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

Table-E: Tree/ Avenue Plantation Status (In Numbers)					
Package	No of Trees Cut	Trees as per CA	Completed	Survival Status (%)	Planted in this Quarter
UPG-01	54436	16952	16952	30%	3000
UPG-02	2456	4912	0	0	0
UPG-03	6219	10578	10578	80%	7116
UPG-04	11079	31334	18484	28%	3000
TOTAL	74190	63776	46014	30%	13116

UPG-01: 8476 Trees and 45960 saplings were cut; UPG-02: Plantation work taken-up by Forest Department approx-300 saplings planted; UPG-03: Plantation works completed; UPG-04: In 4-lane section 850m length proposed for Shrub Plantation; (Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021); Plantation between Ch.107+200 to 137+525 could not be completed due to garbage dumped within Project ROW by local Municipal/Village Authority; a meeting between UPPWD & Municipal/ Local Administrative Authority is scheduled to resolve the issue urgently.

UPG-01 Hamirpur-Rath The Replacement and plantation of deed plants has been taken-up by the Contractor during the current monsoon, due to flood only 3000 plants have been planted. **UPG-02** Compensatory Afforestation work to be taken-up by the Forest Dept. - Plantation yet to be started.

UPG-03 Gola-Shahajahanpur: In addition of replacement of dead plants 5000 additional Tree plantation/ Saplings planted in this monsoon. **UPG-04** Remaining Tree plantation/ Saplings including replacement of dead plants could not be taken-up, necessary instructions issued to the Contractor.

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	Found OK -34
UPG-02 Garautha-Chirgaon	25	25	Found OK-25
UPG-03 Gola-Shahajahanpur	89	89	Found OK-80
UPG-04 Badaun-Bilsi-Bijnaour	112	112	Found OK-80
Total	382/268	268	219

Note: The performance of Rainwater Harvesting has been monitored during the Monsoon.

4. Environmental Enhancement

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

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

UPG-03 Construction of bathing Ghats at Pond – **Completed**

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

Package	Table-G: Status of Environmental Enhancement in Numbers							
	Numbers	Chainage	Side	Existing Structure	Trees with Guard	Bench	Bathing Ghats	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 was not completed hence DLP period recommended to extend up to 31stDecemeber 2021 – Works were completed in Dec-21
- (ii) Avenue Tree Plantation shall be initiated by the Forest Department in consultation with Client/PWD. Delayed due to transfer of afforestation amount from CAMPA fund to Jhansi Forest Division.

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. Further the World Bank during Mid Term Review Mission in the month of October-2022 has been advised to Authority/PMC to co-ordinate with forest division for implementation of Wild Animal Plan. Environment Expert has visited and collected wild animal plan of forest department and necessary instruction has been given to the Contractor to co-ordinate with the forest department to support in implementation.

UPG-04: Project works are completed in all respect. 12850 Compulsory plantations and the construction of Project facility work out of balance (13 Bus Shelter + 2 Truck laybys) 4 Bus Shelter and 2 Truck laybys could not be completed-**issue resolved and works are completed**. Work has not been completed due to unsolved garbage dumping issue with the local municipal/panchayat authority and location disputes issues for respective works – **partially issue has been resolved**. The Completion Certificate was issued to the Contractor with effect from 10th January, 2022; O&M Period is started from 10th January, 2022.

Redevelopment of Exhausted Borrow Area:

The redevelopment works of exhausted borrow area in UPCRNDP Phase-I Roads - 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 (one year extended agreement with land owner received) **and UPG-04** Final Closure NOC for Contractor's Camp Area (Ch.102+200) – yet to be received (one year extended agreement with land owner 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 dead 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	Labor License	Labor Department	Available-Validity 02/09/2023 (Renewed)	Available-Validity 26/04/2018 to 26/04/2023 (Renewed)	Available-Validity 02/01/2020 to 10/11/2022 (Renewed)	Available-Validity 19/11/2019 to 17/11/2022 (Renewed)
4	Workmen Compensation Policy	Insurance Company	Available-Validity till 17/10/2023	Available-Validity till 21/08/2023	Available-Validity till 03/04/2023	Available-Validity till 18/11/2022
5	Contractor All Risk Policy	Insurance Company	Available-Validity till 11-07-26 Extended up to O&M Period	Available-Validity till 01/11/2021 (Validity was required till DLP)	Available-Validity till 10/05/2022 (Renewed) + 60 months for O&M Phase	Available-Validity till 03/02/2022 (Renewed) + 60 months for O&M Phase
6	PUC Certificates	State Transport Department	Available	Available	Available	Available
7	Borrow Area Permission	DC (Mining Department) and SEIAA	To date No BA for O&M Phase	To date No BA for O&M Phase	To date No BA for O&M Phase	To date No BA for O&M Phase
8	Signing Code of Conduct/Compliance of Covid-19 SOP	Contractor	Signed/Complied	Signed/Complied	Signed/Complied	Signed/Complied

23. SAFETY MONITORING AND COMPLIANCE REPORT DURING MAINTENANCE (O&M) PERIOD

S.No.	REQUIRED DATA		UPG-01	UPG -02	UPG-03	UPG-04	TOTAL
	Description	Unit	Month of Dec. 22	Month of Dec. 22	Month of Dec. 22	Month of Dec. 22	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos.	10	9	21	12	52
2	Man-hours worked / Day (as above)	Hrs.	80	72	168	96	416
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	2160	1944	4200	2592	10896
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 within Project Length						
a	Fatal Incidents occurred at construction zone involving public	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
4	Category (c) Incident: Involving Public / Road Users beyond Work Zones within Project Length						
a	Fatal Incidents occurred at non-construction zone involving Public	Nos	0	0	4	4	8
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury(Road Incident Data)	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0

S.No.	REQUIRED DATA		UPG-01	UPG -02	UPG-03	UPG-04	TOTAL
	Description	Unit	Month of Dec. 22	Month of Dec. 22	Month of Dec. 22	Month of Dec. 22	
PROJECT ROAD SAFETY IMPLEMENTATION STATUS							
1	Road safety education and training	Nos	1	1	1	1	4
2	Percentage of compliance to unsafe acts & unsafe conditions	Nos	100%	100%	100%	100%	-
3	Number of Mock drill conducted	Nos	1	1	1	1	4
4	Awareness program conducted (Award / Reward to Worker / Engineers)	Nos	0	0	0	0	0
5	General Health checkup	Nos	1	1	1	1	4
Note: - All data for fatal accidents is provided by the Contractor which is collected from local police stations and verified by AE's Field Staff. UPG-01, UPG-02, UPG-03 & UPG-04 Projects Completed; O&M Period is Under Progress. The data for near misses/ minor injury is generally collected by Contractor and AE representative.							

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/202 0/934 dated 29.07.2020

CERTIFICATION & IMPLEMENTATION OF ISO STANDARDS

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

CURRENT MONTH AE'S OBSERVATIONS & COMPLIANCE STATUS

Before Executing any Maintenance Activity on the live carriageway Safety Representative of AE (Egis) and concerned Field Engineer go through the procedure required by Contract Agreement and Site Safety Arrangements are checked if found satisfactory, Contractor permitted to proceed with the works and if not Contractor informed to implement the safety in conformity of required Safety standards, which are then re-inspected prior to starting the works. Specifically during lane closures, carriageway narrowing for maintenance works on live carriageway.

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)	Construction Safety Engineer	All present on site
2	UPG-01-HR-SH-42	Use the PPE's		
3	UPG-01-HR-SH-42	Tool box talk		
4	UPG-01-HR-SH-42	First-aid Training		
5	UPG-01-HR-SH-42	Fire Extinguisher Inspection & Training		
6	UPG-01-HR-SH-42	Vehicle Inspection & Training		
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 to work safely on live road"	Construction Safety Engineer	All present on site
S.No.	Project Name	Description of Program	Training provided by	No. of Person
2	UPG-01 R-G SH-42	Project Completed: Training on "How to work safely on live road"	Construction Safety Engineer	All present on site
S.No	Project Name	Description of program	Training provided by	No. of Person
3	UPG-03 GSP-SH-93	Project Completed: Training on "How to work safely on live road"	Construction Safety Engineer	All present on site
Sl. No	Project Name	Description of program	Training provided by	No. of Person
4	UPG-04 B-B-B SH-51	Project Completed: Training on "How to work safely on live road"	Construction Safety Engineer	All present on site

ROAD SAFETY INSPECTION BY AE's HSE ON PROJECT MAINTENANCE WORKS				
S.No.	Project Name	Description of Program	Training provided by	Condition
1	UPG-01-SH-42	Plant & Equipment Inspection Done	Construction Safety Engineer	SATISFACTORY
2	UPG-02-SH-42	Plant & Equipment Inspection Done		SATISFACTORY
3	UPG-03 SH-93	Plant & Equipment Inspection Done		SATISFACTORY
4	UPG-04 SH-51	Plant & Equipment Inspection Done		SATISFACTORY

b. Safety Equipment at Sites during O&M Period

Safety Items Name	UPG-01	UPG-02	UPG-03	UPG-04
PVC Plastic Water filled Crash Barrier Barriers	22	17	30	5
Safety Cone	25	32	50	40
Temporary Traffic Signage's for Diversion	3	4	10	2
Safety Ribbon (Rmt.)	500	500	2000	500
Flagmen with whistle	2	2	2	2
High powered torch	1	1	1	0
Hydra crane available during emergency	Mobile no. displayed			

24. SOCIAL MONITORING AND COMPLIANCE REPORT

INTRODUCTION

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

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

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

Status of Social Safeguard (PHASE- I ROADS)

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

RESETTLEMENT ACTION PLAN (RAP) IMPLEMENTION BY NGO

Non-Government Organization (NGO) M/s Study Point Samittee was initially appointed for implementation of RAP in Phase-I roads. However, on expiry of Contract Period the NGO's was not intended to extend his services. M/S Development Institute for Systems Alternatives (NGO) based in Lucknow was appointed to assist UPPWD to complete the remaining works of land acquisition and R&R activities. The services of above NGO awarded in under Contract No 123/1-13/UPCRNDP/CEEAP/2020 dated 21/10/2020 under IBRD- Loan No 8940-In.for implementation of Resettlement Action Plan (RAP).

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

STATUS OF CPRS

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

TRAINING AND SUPPORT FOR INCOME RESTORATION

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

CONCLUSION

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

With regards to the socio-economic status of the PAPs before and after RAP implementation, the study has concluded that 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 of signing 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 safety audit for UPG-02 Garautha-Chirgaon & UPG-01(Hamirpur-Rath), UPG-03 (Gola-Shahajahanpur) & UPG-04 (Badaun-Bilsi-Bijnaour); .Compliance report from the Contractors has been received and sent to the UPPWD.
g	Assess the achievement of Project Development Objectives through monitoring of result framework / indicators agreed between Bank and GoUP.	Being implemented and monitored in QPR
h	Prepare RFP/ ToRs for any additional consultancy	We have assisted in preparing RFP/ToRs for appointing Independent consultants
i	Prepare Mid-Term Review Report of the Project in agreed format.	Mid-Term Review Report has been prepared and submitted to UPPWD
j	Contract Analysis and make recommendations	Being Implemented
k	Training to PWD staff on Road Safety, Quality Control and Contract.	Road Safety and Quality training provided and Contract Administration Delayed due to Covid-19; will be provided as per PWD convenience.
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 2022
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 regularly 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 31.12.2022 is tabulated as follows:

(a) Project Risk Management During Preparation of DPR

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

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

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

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

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

11	Safety	Non-visibility of Road side Furniture/Road Marking	Major cause of accident	Contractor	M	Contractor to check the visibility of Road Marking and redo the road marking if FADED and clean sign boards, KM stones, boundary line, delineators, Studs, Kerbs, side wall/concrete barrier of Bridges/culverts and all structures must be visible in Foggy weather in order guide the road users to prevent accidents. Provide sign boards for FOG alert for drivers (Drive Slow, keep horizontal distance, blow light and use FOG light etc.)
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b. Status of Consultancy Services required and Mobilized under UPCRNDP

SL No.	Description of Services	Methods of Selection	Review Type	Present Status	Name Of Consultant / Firm
1	Project Management Consultancy (PMC's)	QCBS	Prior	Contract awarded & commencement from 08 August, 2014	M/s Egis India Pvt. Ltd
2	Independent Environmental and social review consultant.	QCBS	Prior	Contract awarded and commencement from 19 February , 2015	M/s EQMS India Pvt. Ltd.
3	Providing NGO (firm) Services (for Facilitating Implementation of resettlement Action Plan)	LCS	Prior	Contract awarded and commencement from 03 Feb, 2018. Now Demobilized.	M/s Study Point Samiti
4	Gender Assessment and Preparation of Gender Action Plan.	QCBS	Post	Contract awarded and commencement from 18 July, 2019.	M/s ECORYS INDIA Pvt. Ltd.
5	Individual Consultant (IC) for the Consultancy Services to support the Social component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 05 May, 2020.	Mr. Prabhanjan Narayan Roy
6	Individual Consultant (IC) for the Consultancy Services to support the Environmental component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 06 May, 2020.	Dr. Seema Srivastava

7	Phase-1 of NGO (firm) services to undertake balance activities.	SSS	Post	Contract awarded and commencement from 21 October, 2020.	M/s Development Institute For Systems Alternatives.
8	Consultancy for Financial Management Firm.	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s Asija & Associates LLP
9	Consultant firms for conducting Road User Satisfaction Surveys (Baseline).	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s Marketing and Research Development Associates (MDRA)
10	Consultancy Services for Independent Quality Auditor for UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s TUV-SUB South Asia Private Limited
11	Phase-2 of NGO Services.	QCBS	Post	Contract awarded and commencement from 28 April, 2022.	M/s SUGAM INTERNATIONAL SANSTHAN
12	Consultancy for Internal Auditor (Financial)	QCBS	Post	Contract awarded on 26 April, 2022 and commencement from 24 May, 2022	M/s S.N. KAPUR AND ASSOCIATES
13	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual).	QCBS	Post	Contract awarded and commencement from 05 May, 2022.	Mr. Srinivas Rao Nayani
14	Phase-2 of Supervision Consultancy.	QCBS	Prior	<ul style="list-style-type: none"> Procurement under process. # RFP issue to shortlisted firm on dated 09-Feb-2022 # Bid Received & Technical Bid open on dated 25-March-2022. #TEC Evaluation Done on 23-April-2022 now Bids are under PSC & WB Approval. 	
15	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	As per approval of WB , current bidding process cancelled.	
16	External Evaluation Consultant for RAP implementation	QCBS	Post	Due to single bid current bidding process has been cancelled.	
17	Consultant firms for conducting Road User Satisfaction Surveys (Baseline) for Phase-2	QCBS	Post	<ul style="list-style-type: none"> Procurement under process # TOR under World Bank Approval. 	

	Roads.			
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
1.	Up gradation & Maintenance of Rath-Garautha Section of SH-42 (Missing Link)	NCB	prior	<ul style="list-style-type: none"> RFB Published on Date 16-April-2022 Bid Received & Technical Bid open on dated 31-May-2022. TEC Evaluation Done on 17-18-June-2022 & 23 Aug. 2022. Technical Bids evaluation report sent to WB for approval on 24.08.2022 & WB approved on 09.09.2022. Financial bid opened on 20.09.2022. TEC evaluated financial bid on 01.10.2022. Bids are under PGB Approval.
2.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Banshi-Mehandawal-Khalilabad Road (SH-88)	NCB	prior	<ul style="list-style-type: none"> RFB Published on Date 18-April-2022, Bid Received & Technical Bid open on dated 03-June-2022. TEC Evaluation Done on 17-18-June-2022 Approval from WB on technical BER obtained on Financial bid opened on 26.07.2022 TEC evaluated financial bid on 01.10.2022. NOC is awaited from WB.
3.	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB	prior	<p>The Government of Uttar Pradesh has given administrative and financial approval to the project.</p> <ul style="list-style-type: none"> RFP was published on E-Tender portal on 03.08.2022 The last date of bid submission is 20.09.2022 Pre proposal meeting was held on 26.08.2022 and NOC on minutes of pre proposal meeting from WB was obtained on 31.08.2022 Technical bid opened on 20.09.2022. TEC Evaluation Technical bid on 01.10.2022 NOC is awaited from WB.

4	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	NCB	prior	<p>Estimate send to UP Government on dated 29.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.</p> <ul style="list-style-type: none"> The procurement plan was uploaded on STEP portal on dated 02.09.2022 and approved by WB on dated 07.09.2022. Draft Bid document uploaded on STEP portal for WB approval,
5	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	ICB	prior	<p>Estimate send to UP Government on dated 30.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.</p> <ul style="list-style-type: none"> The procurement plan was uploaded on STEP portal on dated 02.09.2022 and approved by WB on dated 07.09.2022. Draft Bid document uploaded on STEP portal for WB approval.
6	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	ICB	prior	<p>Estimate send to UP Government on dated 22.04.2022. Under administrative and financial approval of Government of Uttar Pradesh.</p> <ul style="list-style-type: none"> The procurement plan was uploaded on STEP portal on dated 02.09.2022 and approved by WB on dated 07.09.2022. Draft Bid document uploaded on STEP portal for WB approval.

***ICB- International Competitive Bidding**

***NCB-National Competitive Bidding**

d. Financial Progress of Consultant (PART-C)

Financial Expenditure of PMC Services up to December 2022

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

SI No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance
1	Remuneration for TL	\$11,24,640	\$12,25,501	\$10,15,188	\$2,10,313
Gross Amount (Foreign Component)		\$11,24,640	\$12,25,501	\$10,15,188	\$2,10,313
2	Escalation			\$84,703.25	
Grand Total		11,24,640	12,25,501	\$10,99,891	

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

SI No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	5,20,34,400	4,32,39,000	1,77,05,460	2,55,33,540
2	Reimbursable Expenses	1,85,52,152	3,08,96,321	2,26,56,531	82,39,790
Total		7,05,86,552	7,41,35,321	4,03,61,991	3,37,73,330
3	Escalation			58,78,163	
Grand Total		7,05,86,552	7,41,35,321	4,62,40,154	

PART – B:

CONSTRUCTION SUPERVISION OF CIVIL WORKS

PHOTOGRAPHS

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



Damaged Speed Sign Board replacing in progress



Damaged Tiles replacing in progress



Safety Training for Accident prevention & reporting on live carriageway



Bush Cleaning in progress



Faded Road Marking repainted at Gursarai Junction



Shoulder Repairing works in progress

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



Faded Arrow Marking is Repainted



Faded Road Marking is Repainted



Pot Hole Repaired at Ch. 59+700 (LHS) & Road Marking in progress



Waterway Cleaned at Bridge Ch. 68+695



Crash Barrier Repainted & Centre Line Marking in progress



Bush Cleaning Completed at Ch. 70+000 to Ch. 72+000 (BHS)

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



Bus Layby Cleaning at Ch. 44+200 in progress



Drain Weep Hole Cleaning at Ch. 47+800 (LHS) in progress



Damaged Pedestrian Crossing Sign Board Refixing in progress at Ch. 41+500



Stone Picking Repaired at Minor Bridge Ch. 46+987



Hazard Marker Board replaced at Ch. 46+150



Drainage Spouts Cleaning at Bridge Ch. 47+000 in progress

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



Information Sign Board Refixed



Faded Table Top Road Marking Completed at Ch. 76+080



Drain Side Cleaning Completed



Shoulder Cleaning in progress



Bush Cutting Work in Progress



Damaged Emergency Number Board Replaced

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 DECEMBER 2022

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	02.12.2022	Egis India/LKO/UPCRNDP/2022/2047	SE,PWD,Kanpur	(Online Forest Proposal No- FP/UP/ROAD/117342/2020) Reg. EDS Compliance on Jhansi and Hamirpur Forest Diversion Proposal as Sought by Nodal Office - Missing Link	
2	03.12.2022	Egis India/LKO/UPCRNDP/2022/2048	CE,PWD,Lucknow	Restoration of the Excavated Section of the above Project Road from CH 139+655 to CH 139+717 for the Irrigation Canal Crossing at Ch. 139+686 Not Completed to date hence Unsafe Highway Section	
3	03.12.2022	Egis India/LKO/UPCRNDP/2022/2049	CE,PWD,Lucknow	Encroachments Causing Serious Hazards which could cause fatal accidents of Road Users on UPG-01 & 02 as noted during inspection on 30th November 2022 and 1st December 2022 by Team Leader and Deputy Team Leader	
4	03.12.2022	Egis India/LKO/UPCRNDP/2022/2050	SE,PWD,Lucknow	Regarding Protection of Site from Encroachments	
5	05.12.2022	Egis India/LKO/UPCRNDP/2022/2051	CE,PWD,Lucknow	Submission of USD Component Invoice No.98 for the month of November 2022	
6	07.12.2022	Egis India/LKO/UPCRNDP/2022/2052	GHV	Site Inspection Notes of Team Leader and Deputy Team Leader Dated 30th November, 2022	
7	08.12.2022	Egis India/LKO/UPCRNDP/2022/2053	NKC	Site Inspection Notes of Team Leader and Deputy Team Leader Dated 1st December, 2022	
8	08.12.2022	Egis India/LKO/UPCRNDP/2022/2054	CE,PWD,Lucknow	Submission of Part-B and Pat-C INR Component Invoice No. 108 for the m/o November 2022	
9	08.12.2022	Egis India/LKO/UPCRNDP/2022/2055	APCO	Site Visit Program of Team Leader, Resident Engineer & Environmental Specialist on 09.12.2022	

10	09.12.2022	Egis India/HO/UPCRNDP/UPG-04/90165/2022	SE,PWD,Moradabad	Recommendation of Final Payment Certificate (FPC) as per Article 19 Sub-Clause 19.15 of Contract Agreement (CA)	GAWAR letter No. 1005 Dated 02.12.2022, 1002 Dated 11.11.2022 and 970 Dated 06.12.2022
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11	10.12.2022	Egis India/LKO/UPCRNDP/2022/2056	CE,PWD,Lucknow	Reimbursement of GST against Invoices Claimed for the month of September 2022 against Part-B & C of UPCRNDP (INR and USD Components)	
12	12.12.2022	Egis India/LKO/UPCRNDP/2022/2057	APCO	Site Inspection Report of Deputy Team Leader, Resident Engineer, Maintenance Team and Environment Specialist Dated 09.12.2022 during the Maintenance Period of Gola-Shahjahanpur Road	
13	14.12.2022	Egis India/LKO/UPCRNDP/2022/2058	NKC	Site Visit Program of Road Safety Auditor, Resident Engineer and Construction Safety Engineer to Conduct the Road Safety Audit from 15th to 17th December 2022	
14	15.12.2022	Egis India/LKO/UPCRNDP/2022/2059	CE,PWD,Lucknow	Joint verification of Land Acquisition Plan for the road corridor SH-49 (Moradabad Haridwar Dehradun Road), SH-65 (Bulandshihar Garh Syana Road) and SH-100 (Hamidpur Kuchesar Road)	EE,PWD,Moradabad letter 16 Camp/Inspection Dated 17.12.2022
15	16.12.2022	Egis India/HO/UPCRNDP/90384/2022	CE,PWD,Lucknow	Request for Approval for Extending the Time Period of the Egis Consultant Maintenance Team for Supervision of Maintenance Works of Completed 4 Road Projects Under UPCRNDP.	
16	16.12.2022	Egis India/LKO/UPCRNDP/2022/2060	CE,PWD,Lucknow	Consolidated Monthly Progress (Operation & Maintenance) Report (CMPR) No. 41 for the month of November 2022	
17	19.12.2022	Egis India/LKO/UPCRNDP/2022/2061	CE,PWD,Lucknow	Compliance Report of Independent Quality Audit (IQA) Report 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 18th and 19th April 2022	UPPWD E-Mail Dated 16.12.2022 GHV letter No. 984 Dated 16.12.2022 and 957 Dated 17.06.2022 Egis letter 1836 Dated 21.06.2022
18	19.12.2022	Egis India/LKO/UPCRNDP/2022/2062	CE,PWD,Lucknow	Compliance Report of Independent Quality Audit (IQA) Report 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 20th and 21st April 2022	UPPWD E-Mail Dated 16.12.2022 Egis letter 1991 Dated 12.10.2022 APCO letter No. 755 Dated 09.06.2022
19	20.12.2022	Egis India/LKO/UPCRNDP/2022/2063	APCO	Details Required for Processing of Final Payment Statement	APCO letter 790 Dated 03.12.2022
20	20.12.2022	Egis India/LKO/UPCRNDP/2022/2064	CE,PWD,Lucknow	Request to Release the Outstanding Payment of Invoice No. 104 (Tax Invoice No. EI/UP/72 dated 22.09.2022) Against Additional Works-Fixing of the ROW Pillars - REMINDER (Missing Link)	Egis letter 87719 Dated 28.09.2022

21	20.12.2022	Egis India/LKO/UPCRNDP/2022/2065	GAWAR	Submission of Final “As Built Drawings” – Reminder	
22	21.12.2022	Egis India/LKO/UPCRNDP/2022/2066	SE,PWD,Moradabad	Commitment regarding Submission of Final “As Built Drawings”	GAWAR letter 1013 Dated 09.12.2022
23	21.12.2022	Egis India/LKO/UPCRNDP/2022/2067	NKC	Site Visit Observations by Road Safety Auditor Mr. Bhushan Kumar Merigala (Garautha-Chirgaon Road)	
24	21.12.2022	Egis India/LKO/UPCRNDP/2022/2068	CE,PWD,Lucknow	Regarding Misuse of the Main Carriageway and Encroached PWD Land by Locals (Garautha-Chirgaon Road)	NKC letter 019 Dated 17.12.2022, 65 Dated 06.07.2021, 778 Dated 21.03.2020, 563 Dated 23.09.2021 and 006 Dated 03.10.2022
25	21.12.2022	Egis India/LKO/UPCRNDP/2022/2069	CE,PWD,Lucknow	Deployment of Vehicle for Part-B&C Services for Gola-Shahjahanpur Road Project Site	UPPWD E-Mail Datd 18.11.2022
26	22.12.2022	Egis India/LKO/UPCRNDP/2022/2070	EE,PWD,Kanpur	Regarding Providing of Detailed Overview of Cost of (UPG-01 and UPG-02) and Speculative Overview of Maintenance Cost for 5 Years including all Expenses to be incurred	EE,PWD letter 849 Dated 17.12.2022
27	23.12.2022	Egis India/LKO/UPCRNDP/2022/2071	SE,PWD,Kanpur	Unauthorized Construction of Police Station Boundary Wall within ROW at Offset of 7m from C/L by Thana, Muskara	GHV letter 987 22.12.2022 SE PWD letter to DM Hamirpur 1265 Dated 28.12.2022
28	24.12.2022	Egis India/LKO/UPCRNDP/2022/2072	GAWAR	Site Visit Program of Construction Safety Engineer on 26.12.2022 and 27.12.2022 (Badaun-Bilsi-Bijnaour)	
29	24.12.2022	Egis India/LKO/UPCRNDP/2022/2073	CE,PWD,Lucknow	Request to Release of Our Long Pending Payments – (Reminder)	

30	24.12.2022	Egis India/LKO/UPCRNDP/2022/2074	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh from 3rd November to 24th December 2022	
31	26.12.2022	Egis India/LKO/UPCRNDP/2022/2075	GAWAR	Revised Site Visit Program of Construction Safety Engineer from 27.12.2022 to 29.12.2022 (Badaun-Bilsi-Bijnour)	Egis letter 2072 Dated 24.12.2022
32	27.12.2022	Egis India/LKO/UPCRNDP/2022/2076	CE,PWD,Lucknow	Request to Collect Accident Data from Local Police Stations on 4 Completed Phase-I Roads under UPCRNDP	
33	27.12.2022	E-MAIL	CE,PWD,Lucknow	Regarding Submission of DPR Volume-VII Updated Bid Document of Moradabad-Haridwar-Dehradun (SH-49) in both Word and PDF along with Compliance Table	
34	27.12.2022	E-MAIL	CE,PWD,Lucknow	Regarding Submission of DPR Volume-VII Updated Bid Document of Garh-Siyana-Bulandshahr (SH-65) in both Word and PDF along with Compliance Table	
35	27.12.2022	E-MAIL	CE,PWD,Lucknow	Regarding Submission of DPR Volume-VII Updated Bid Document of Hamidpur-Kuchesar Road (SH-100) in both Word and PDF along with Compliance Table	
36	29.12.2022	Egis India/LKO/UPCRNDP/2022/2077	GAWAR	Submission of Final “As Built Drawings” – Reminder	
37	29.12.2022	Egis India/LKO/UPCRNDP/2022/2078	APCO	Submission of Final “As Built Drawings” – Reminder	
38	31.12.2022	Egis India/LKO/UPCRNDP/2022/2079	CE,PWD,Lucknow	Final Compliance Report of Independent Quality Audit (IQA) Report of 3rd Visit by the Independent Quality Audit Consultant (TUV SUD South Asia Pvt. Ltd.) on 18th and 19th April 2022 (Hamirpur-Rath Road)	E-Mail Dated 30.12.2022 Egis letter 2061 Dated 19.12.2022 GAWAR letter 984 Dated 16.12.2022

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

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	02.12.2022	GCL/Camp/SH-51/BBB/2022/1005	GAWAR	Discharge for Full & Final Settlement pursuant to Clause 19.14	
2	02.12.2022	973/1C	EE,PWD,Moradabad	Regarding Digging in between Carriageway and RCC Drain at Ch 115+100 (LHS)	
3	03.12.2022	189/UPCRNDP/UPG-03/2018/2022	EE,PWD,Bahraich	Regarding Damage to Footpath and Drain at Ch 1+280 of Gola-Shahjahanpur Road	
4	03.12.2022	190/UPCRNDP/UPG-03/2018/2022	EE,PWD,Bahraich	Regarding Closing of Box Culvert and Rain Water Harvesting by the local residents at Ch 1+700 and Ch 9+740 of Gola-Shahjahanpur Road	
5	03.12.2022	APCO/WB-UPPWD/EGIS/ST/790	APCO	Regarding Re-Submission of Final Payment Statement	
6	05.12.2022	APCO/WB-UPPWD/EGIS/ST/791	APCO	Protection of Site from Encroachment	
7	06.12.2022	2569/1-17/UPCRNDP/CEEAP/2021-22	CE,PWD,Lucknow	Request to provide Accident Data for Roads Developed under UPPWD	
8	06.12.2022	1149/SC-WBPCK/2022	SE,PWD,Kanpur	(Online Forest Proposal No- FP/UP/ROAD/117342/2020) Reg. EDS Compliance on Forest Diversion Proposal sought by Nodal Office	
9	06.12.2022	1150/SC-WBPCK/2022	SE,PWD,Kanpur	(Online Forest Proposal No- FP/UP/ROAD/117342/2020) Reg. EDS Compliance on Forest Diversion Proposal sought by Nodal Office	
10	06.12.2022	E-MAIL	CE,PWD,Lucknow	No Objection by the World Bank via Email Dated 02.12.2022 to Draft Bidding Documents of Hamidpur-Kuchesar Road (SH-100)	

11	06.12.2022	GCL/Camp/SH-51/BBB/2022/970	GAWAR	Notice for Change in Law under Clause No. 19.17 of Contract Agreement for change in charges of GST	
12	09.12.2022	GCL/Camp/SH-51/BBB/2022/1013	GAWAR	Regarding Submission of Final "As Built Drawings" of Project Highway Badaun-Bilsi-Bijnour Road Project	
13	13.12.2022	APCO/WB-UPPWD/EGIS/ST/793	APCO	Submission of Revised "Maintenance Programme from 1st December to 31st December 2022"	
14	13.12.2022	1006/UPCRNDP (SH-51)	EE,PWD,Moradabad	Regarding Delay in Construction of Table Top and Thermoplastic markings	
15	14.12.2022	2627/EAP/UPPWD/UPCRNDP/CEWB/SOCIAL/2022	CE,PWD,Lucknow	Joint verification of Land Acquisition Plan for the road corridor SH 49 (Moradabad Haridwar Dehradun Road), SH 65 (Bulandshihar Garh Syana Road) and SH 100 (Hamidpur Kuchesar Road)	
16	17.12.2022	836/C-5	EE, PWD, Kanpur	Regarding Encroachment at Hamirpur-Rath SH-42	
17	17.12.2022	1080/G.S.B.	EE, PWD, Aligarh	Regarding SH 65 (Bulandshihar Garh Syana Road) Environmental Clearance.	
18	17.12.2022	1082/G.S.B.	EE, PWD, Aligarh	Regarding SH 65 (Bulandshihar Garh Syana Road) Environmental Clearance.	
19	17.12.2022	NKC/HO/GC/2022-23/018	NKC	Damaged the Cement Concrete between Drain & BC and Paved Shoulder from Ch. 165+100 to Ch. 165+800 (RHS)	
20	17.12.2022	NKC/HO/GC/2022-23/019	NKC	Misuse of the Main Carriageway and Encroached PWD Land by Local	
21	17.12.2022	16 Camp/Inspection	EE,PWD,Moradabad	Joint verification of Land Acquisition Plan for the road Corridor SH-49 (Moradabad Haridwar Dehradun Road)	Egis letter 2059 dated 15.12.2022
22	17.12.2022	849/A-5	EE,PWD,Kanpur	Regarding Providing of Detailed Overview of Cost of (UPG-01 and UPG-02) and Speculative Overview of Maintenance Cost for 5 Years including all Expenses to be incurred.	
23	19.12.2022	851/A-6	EE,PWD,Kanpur	Regarding Submission of Reviewed/Verified Microplan of Hamirpur District (Missing Link)	
24	21.12.2022	855/A-6	EE,PWD,Kanpur	Regarding to Provide List of PAPs for Registry of Land in Rath Tehsil, Missing Link	

25	23.12.2022	865/A-4	EE,PWD,Kanpur	Unauthorized Construction of Police Station Boundary Wall within ROW at Offset of 7m from C/L by Thana, Muskara	
26	23.12.2022	1023/UPCRNDP(SH-51)	EE,PWD,Moradabad	Regarding Delay in Construction of Table Top and Thermoplastic markings	
27	26.12.2022	882/A-6	EE,PWD,Kanpur	Regarding Revised Estimate due to Increase of GST and Utility Shifting (Cost Increase) (from 12% to 18%)	
28	27.12.2022	211/UPCRNDP/UPG-O3/2018/2022	EE,PWD,Bahraich	Arrange to to Provide Accident Data from Local Police Stations on Weekly Basis	Egis letter 2076 dt 27.12.2022
29	27.12.2022	212/UPCRNDP/UPG-O3/2018/2022	EE,PWD,Bahraich	Arrange to to Provide Accident Data from Local Police Stations on Weekly Basis	Egis letter 2076 dt 27.12.2022
30	27.12.2022	1337/32 Com WBPC/22	SE,PWD,Moradabad	Regarding Environemntal Clearance of Garh-Syiana-Bilandshahr (SH-65) Road	
31	28.12.2022	896/A-5	EE,PWD,Kanpur	Regarding Misuse of the Main Carriageway and Encroached PWD Land by Locals (Garautha-Chirgaon Road)	Egis letter 2068 dt 21.12.2022
32	28.12.2022	1265/05C-WBPCK/2022	SE,PWD,Kanpur	Unauthorized Construction of Police Station Boundary Wall within ROW at Offset of 7m from C/L by Thana, Muskara	Egis letter 2071 dt 23.12.2022
33	29.12.2022	NKC/HO/GC/2022-23/022	NKC	Rectification of Damaged the Cement Concrete between Drain & BC Paved Shoulder from Ch. 165+100 to Ch. 165+800 (RHS)	
34	30.12.2022	906/A-5	EE,PWD,Kanpur	Regarding Encroachment at Hamirpur-Rath SH-42	
35	30.12.2022	907/A-4	EE,PWD,Kanpur	Regarding Encroachment at Hamirpur-Rath SH-42	
36	30.12.2022	GCL/Camp/SH-51/BBB/2022/1014	GAWAR	Laying of Namami Gange Pariyojna pile line from 79+866 to 80+015 (LHS) and 79+866 to 80+180, 80+320 to 80+358 (RHS)	
37	30.12.2022	1032/UPCRNDP-II(SH-49)	EE,PWD,Moradabad	Details of JE/AE for Joint Verfication of Land Acquisition of Land of Moradabad-Haridwar-Dehradun (SH-49) Road	

38	31.12.2022	1035/UPCRNDP(SH-51)	EE,PWD,Moradabad	Laying of Namami Gange Pariyojna pile line from 79+866 to 80+015 (LHS) and 79+866 to 80+180, 80+320 to 80+358 (RHS)	
39	31.12.2022	APCO/WB-UPPWD/EGIS/ST/795	APCO	Regarding Submission Compliances of Superintending Engineer(UPPWD) Site Inspection Note Dated 15.10.2022	
40	31.12.2022	APCO/WB-UPPWD/EGIS/ST/797	APCO	Compliance of AHE Site Inspection Note Dated 07.11.2022 (Egis letter 2022 Dated 09.11.2022)	
41	31.12.2022	APCO/WB-UPPWD/EGIS/ST/796	APCO	Regarding Protection of Site from encroachments & Information about Damaged/ Stolen Bus Shelter Sign Boards.	
42	31.12.2022	APCO/WB-UPPWD/EGIS/ST/797	APCO	Compliance of AHE Site Inspection Note Dated 07.11.2022 (Egis letter 2022 Dated 09.11.2022)	

Enclosure-2

PMC Organization Chart

1.13 Consultant's Organization Chart

MONTH - DECEMBER 2022

