



UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT

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

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

MONTHLY PROGRESS REPORT No. 29 NOVEMBER -2021

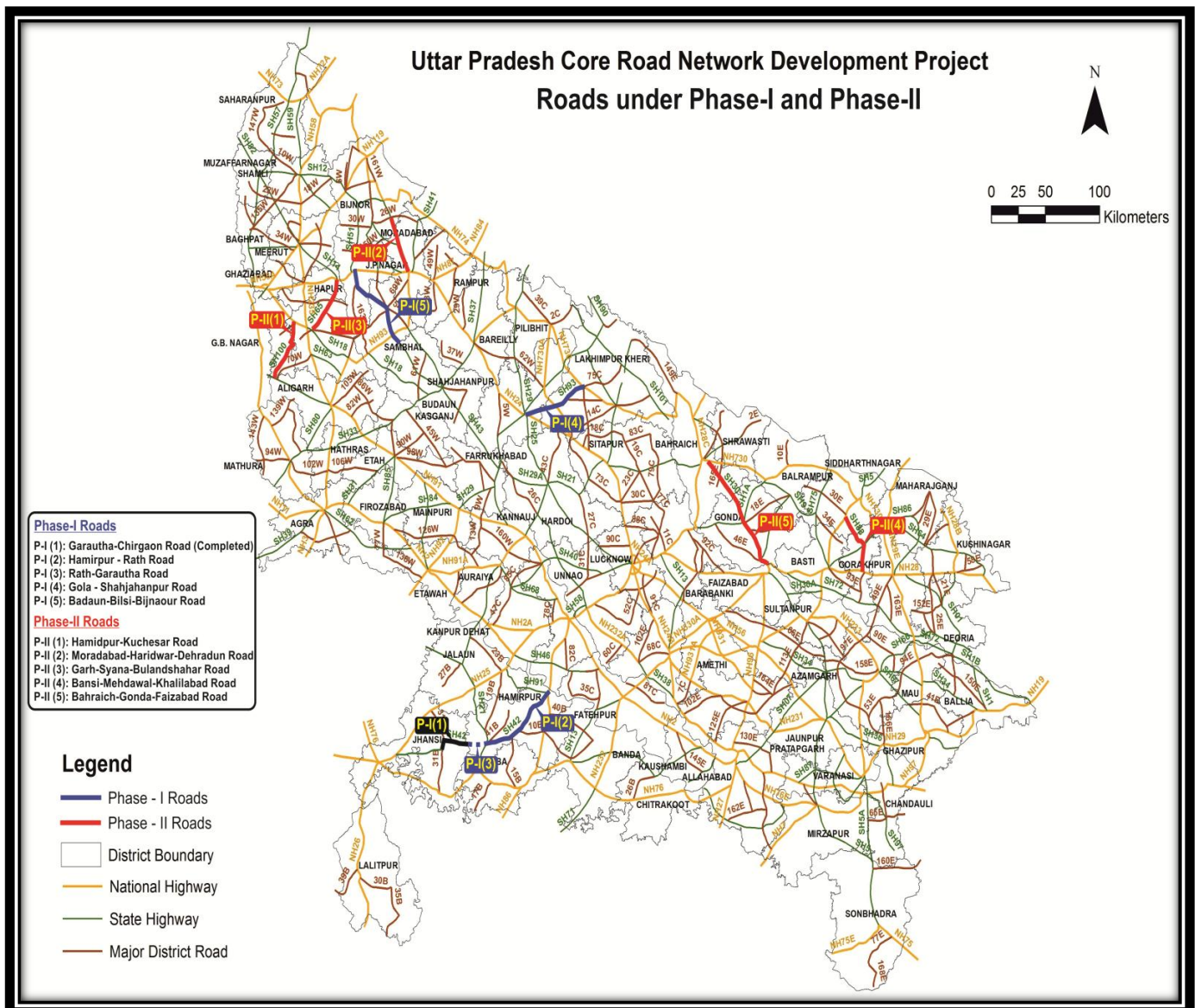


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INTRODUCTION

1 Project Background

Uttar Pradesh has a road network of 299,604 Km, out of which 174,451 Km is under Public Works Department (PWD). The roads under PWD comprise 7,550 Km of National Highways (NHs), 7,530 Km of State Highways (SHs) 5,761 Km of Major District Roads (MDRs), 3,254 Km of Other District Roads (ODRs) and 138,702 Km of Village Roads (VRs). Only about 60% of SHs are two-lane (7 m). In the entire state 62% of MDRs and 83% of ODRs have widths less than 7 m.

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

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

2 Project Overview

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

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

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

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

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

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

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

This **Monthly Report No. 29** is prepared and submitted with respect to Terms of Reference (TOR) for Consultancy Services to Agreement between the Chief Engineer (EAP), Uttar Pradesh Public Works Department (UPPWD) and Egis India Consulting Engineers Pvt. Ltd, New Delhi.

COMPONENT PART- A

PROJECT PREPARATION INCLUDING DETAILED ENGINEERING DESIGN AND CONTRACT
DOCUMENTATION

3 PART- A

3.1 Phase 1 Roads

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

S. No.	Phase-I Road/Works as per Contract			Subsequent Revision in Roads/Works by the Client		Present Status
	Road Name	Category	Length (km)	Revised	Design Length	
1	Hamirpur-Rath-Gursahayganj-Jhansi Road	SH-42	168	Splits into three packages	158.812	Except Missing Link – Civil works on 2 Contract package is completed.
2	Gola-Shahjahanpur Road	SH-93	59	No Change	57.535	Under Progress
3	Badaun-Bilsi-Bijnaour	SH-51	79	No Change	79.125	Under Progress
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 1 are as under:

S. No.	Package	Road/Works	Category	Length (km)	Civil Cost (INR Cr)	Present Status
1	UPG-01	Hamirpur-Rath	SH-42	72.785	262.40	Under O&M
2	UPG-02	Garautha-Chirgaon	SH-42	49.145	189.99	Under O&M
3	UPG-03	Gola-Shahjahanpur	SH-93	57.535	356.90	Under Civil Work
4	UPG-04	Badaun-Bilsi-Bijnaour	SH-51	79.125	334.00	Under Civil Work

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

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

- ❖ Due to extensive land acquisition and environmental clearances, the Client has decided its civil work shall be carried out in timeline of Phase-II Roads.
- ❖ Final Draft DPR submitted on 4th December 2020 to Client via Email.

- ❖ NOC from World Bank received on 22nd December 2020 subject to world bank compliances to be included in the Final DPR;
- ❖ The final DPR has been submitted incorporating all comments and revisions as advised by the Client and World Bank vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1148 Dated 07.01.2021.
- ❖ Bidding Document are also prepared and submitted on 20th February 2021
- ❖ WB comments received on the Bid Documents and response prepared for submission in early April 2021.
- ❖ Bidding documents of Missing Link approved by WB and UPPWD.

3.3 Phase II Roads

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

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

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

3.4 Phase-II Roads Progress

The status of DPR of roads under Phase 2 is given in following tables:

Sl.No	Name of Road	Moradabad-Haridwar-Dehradun (Km 0.000- Km 36.000)4 Lane
	Road Category	SH-49
	District	Moradabad
	Proposed Revised length	36.275
	Revised Estimated block/indicative Cost (INR Cr.)	496.57
	Inception Report	Submitted on 27 th Nov-2019
DPR Activities		Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed

4	Topo Survey Report	(Completed) Report is submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
11	Environmental Impact Assessment	Submitted
12	Feasibility Study Report	Completed
13	Alignment Finalization	Completed
14	Geotechnical Investigation	Completed
15	Structure Design	Submitted
16	Highway Design and Drawings preparation	Submitted
17	Rate analysis and Cost Estimation	Submitted
18	Detailed Design Report (DPR)	Revision 4 Submitted
19	Drawings and Bidding Documents	To be Submitted
20	Contract documentation	Scheduled
21	Packaging	Scheduled
Sl.No	Name of Road	Garh-Syana-Bulandshahar (Km 0.000- Km 49.500)- 4 Lane
	Road Category	SH-65
	District	Bulandshahar & Hapur
	Proposed Revised length	49.674
	Revised Estimated block/indicative Cost (INR Cr.)	753.59
	Inception Report	Submitted on 27 th Nov-2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	Submitted (Modified EIA to be submitted)
13	Feasibility Study Report	Submitted
14	Alignment Finalization	Completed

15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Rate analysis and Cost Estimation	Submitted
19	Detailed Design Report (DPR)	Revision 1 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	Bahraich-Gonda-Faizabad (Km 05.500 - Km 65.600) – 2 lane
	Road Category	SH-30
	District	Bahraich-Gonda
	Proposed Revised length	59.237
	Revised Estimated block/indicative Cost (INR Cr)	437.74
	Inception Report	Submitted on 27 th Nov-2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compillation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	Submitted
13	Feasibility Study Report	Submitted
14	Alignment Finalisation	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Rate analysis and Cost Estimation	Submitted
19	Detailed Design Report (DPR)	Revision 3 Submitted
20	Drawings and Bidding Documents	Submitted but to be revised incorporating World Bank New Format for year 2021 to be submitted by 23 rd DEC 21.
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No.	Name of Road	Hamidpur-Kuchesar Road Hamidpur via Badshahpur (0.000 to 47+500 Km) 2 Lane
	Road Category	SH-100(Note: Approx. 27 km converted to National Highway also consultant requested to propose Green Highway with cost analysis for the remaining section)
	District	GautamBudhnagar
	Proposed Revised length	19.109
	Revised Estimated block/indicative Cost (INR Cr.)	159.52
	Inception Report	Submitted on 27 th Nov.2019
	DPR Activities	Status of the DPR Works
1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	To be Submitted
13	Feasibility Study Report	Completed
14	Alignment Finalization	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	To be Submitted
17	Highway Design and Drawings preparation	
18	Rate analysis and Cost Estimation	To be Submitted
19	Detailed Design Report (DPR)	Revision 2 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	Bansi-Mehdawal-Khalilabad (Km 0.000 - Km 28.900) – 2 Lane
	Road Category	SH-88
	District	SantKabirnagar-Sidhartnagar
	Proposed Revised length	28.870
	Revised Estimated block/indicative Cost (INR Cr.)	257.06
	Inception Report	Submitted on 27 th Nov.2019
	DPR Activities	Status of the DPR Works

1	Structure Inventory Survey	Completed
2	Road Inventory and Road Conditioning survey	Completed
2a	Road inventory and Pavement Condition Data Compellation and Report Preparation	Completed
3	Topographical Survey	Completed
4	Topo Survey Report	Submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
12	Environmental Impact Assessment	Submitted
13	Feasibility Study Report	Submitted
14	Alignment Finalization	Completed
15	Geotechnical Investigation	Completed
16	Structure Design	Submitted
17	Highway Design and Drawings preparation	Submitted
18	Technical Specification finalization	
19	Rate analysis and Cost Estimation	
20	Detailed Design Report (DPR)	Revision 3 Submitted
21	Drawings and Bidding Documents	Submitted
22	Contract documentation	Scheduled
23	Packaging	Scheduled

4 Project Management Information System (PMIS)

The Progress on various modules of PMIS is indicated below:

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

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

5 Financial Progress of Consultant (PART-B)

Financial Expenditure of PMC Services up to November-2021

PART –B Up to November 2021 (INR) - CLAIMED AMOUNT

Sl No.	Description	Contract Amount (INR)	Amt as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	82,286,700	90,354,046	51,855,387	38,498,659
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	77,049,870	70,403,640
3	Reimbursable Expenses	44,607,516	48,363,117	26,614,405	21,748,712
Total		314,833,016	286,170,673	155,519,662	130,651,011
4	Escalation			35,242,896	
Grand Total		314,833,016	286,170,673	190,762,558	

COMPONENT PART-B

CONSTRUCTION SUPERVISION OF CIVIL WORKS

6 Introduction

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

7 Awarded Packages

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

8 Construction Period and Milestones

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

9 Description of Works

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

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

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

10 Design & Drawings Agency of EPC Packages

Package	Consultant	Description	Contractor's Submissions	Client/AE's Comments	Status
Hamirpur-Rath (UPG-01)	Design Consultant Team	Mr. M. Ubendiran, Design Director cum Team Leader; Mr. AlokAnandmani, Highway cum Pavement Design Engineer and Mr. Pradeep Kumar Pandey, Structure/Bridge Design Engineer	GHV/Site/ SH-42/ Kanpur /102 Dated 11.07.2019	Approved vide SE letter No. 763 C/24C -WBPC/19 Dated 18.07.2019	Approved
	Proof Check Consultant	M/s Antique Build Tech (P) Ltd.	GHV/Site/ SH-42/ Kanpur /103 Dated 11.07.2019	SE letter No. 765 C/24C- WBPC/19 Dated 18.07.2019	Approved
	Safety Consultant	M/s KhannaGoyal Designers LLP, Gurugram	GHV/Site/ SH-42/ Kanpur /104 Dated 11.07.2019	SE letter No. 764 C/24C -WBPC/19 Dated 18.07.2019	Approved
Gola-Shahjahan pur (UPG-03)	Design Consultant Team	Mr. Virendra Pal Singh; Highway cum Pavement Design Engineer Mr. Ishwinder Singh Duaand Structure/Bridge Design Engineer Mr. Rajesh Kumar Jindal	APCO/CO/GOLA-SHAH/ RE/2019-20/ 6220 Dated 15.07.2019	1655/800-16/UPCRNDP/WB YC/18 Dated 19.08.2019	Approved
	Proof Check Consultant	M/s Chaitanya Project Consultancy Private Limited	APCO/WB-UPPWD/EGIS/ST /10 Dated 07.08.2019	SE Informed vide letter No. 1662/800-16/UPCRNDP/W BYC/19 Dated 20.08.2019 and CE Approved vide letter No. 1948/EAP/WB/UP G-03/2018 Dated 19.08.2019	Approved
	Safety Consultant	M/s Casta Engineers Private Limited, New Delhi	APCO/CO/MSRD C/2018-19/6029 Dated 21.05.2019	1895/EAP/WB/UP G-03/2018 Dated 17.07.2019	Approved

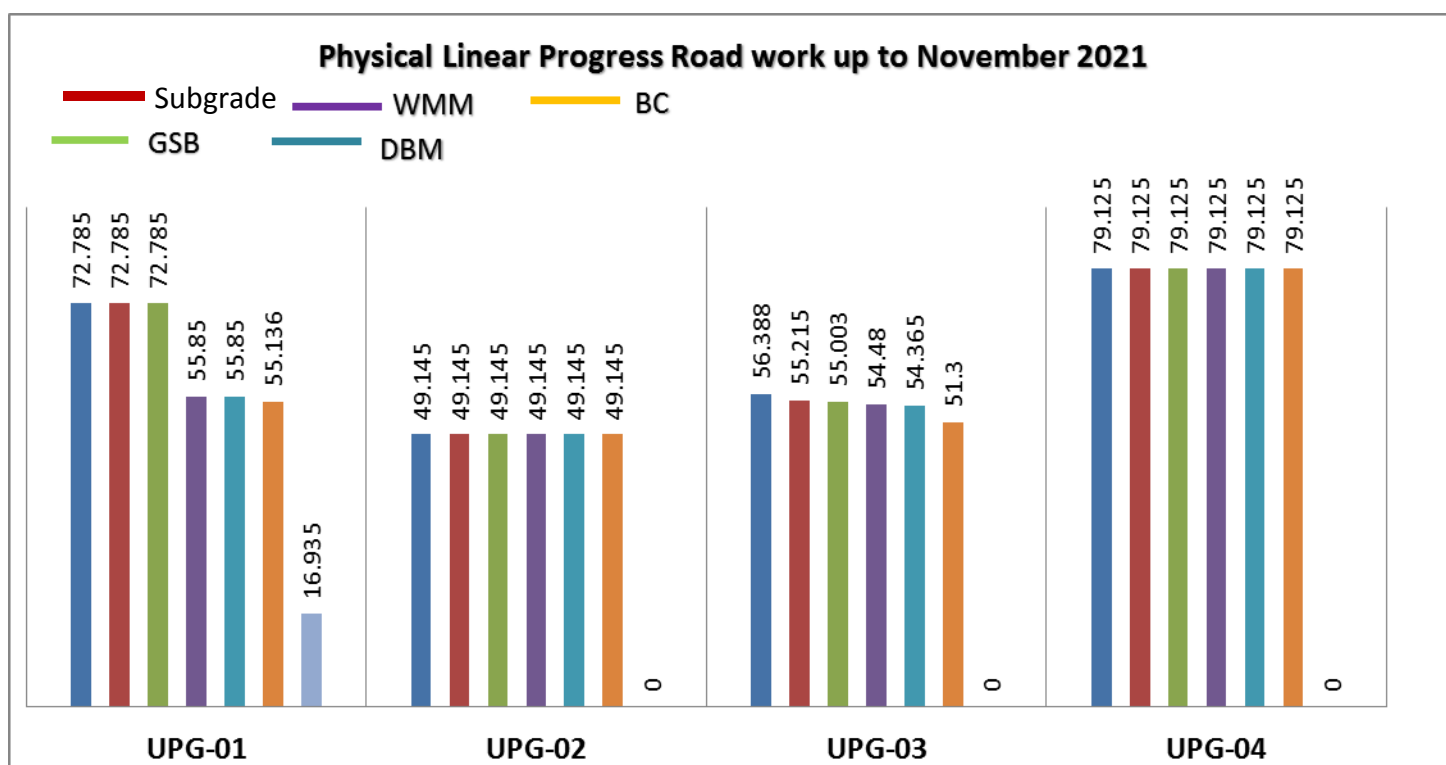
Badaun-Bilsi-Bijnaour (UPG-04)	Design Consultant Team:	Design Director & Team – Shri Satbir Singh Puwar Design Director, Shri K.B Deswal Highway Cum Pavement Design Engineer and Shri Anupam Mishra Structure/Bridge Engineer	Submitted to UPPWD in Nov'2019	1265/21 Com W.B.P. C./19-20 Dated 18.11.2019	Approved
	Proof Check Consultant	NIT Kurukshetra	Submitted to UPPWD in Nov'2019	1352/21 Com.- W.B.P.C./19-20 Dated 26.11.2019	Approved
	Safety Consultant	M/s G-EBG Advisory Services Pvt. Ltd.	Submitted to UPPWD in Nov'2019	1351/21 Com.- W.B.P.C./19-20 Dated 26.11.2019	Approved

11 Physical Progress

At present the construction work is in progress in 2 EPC modes of Civil Contracts Packages. The Civil Works Part 1 of Garautha- Chirgaon (UPG-02) under item rate Contract Package is completed on 31st October 2020. One EPC Contract Package Hamirpur-Rath (UPG-01) Section of SH-42 is also completed in the Month of August-2021 on dated 12th August 2021. The Progress status Package wise is as below:

Physical Progress Report November- 2021						
	Sub Grade Top in Km			GSB in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	72.785	72.785	100.00	72.785	72.785	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	55.215	97.92	56.388	55.003	97.54
UPG-04	79.125	79.125	100.00	79.125	79.125	100.00
Total	257.443	256.27		257.443	256.058	
	WMM in Km			DBM in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.85	55.85	100.00	55.85	55.85	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	54.480	96.49	56.388	54.365	96.41
UPG-04	79.125	79.125	100.00	79.125	79.125	100.00
Total	240.508	238.528		240.508	238.485	
	BC in Km			DLC in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.136	55.136	100.00	16.935	16.935	100.00
UPG-02	49.145	49.145	100	0	0	
UPG-03	56.388	51.3	90.98	0	0	

UPG-04	79.125	79.125	100.00	0	0	
Total	239.79	234.706		16.935	16.935	
PQC in Km						
Package	Scope (Km)	Completed	Completed %			
UPG-01	16.935	16.935	100.00			
UPG-02	0					
UPG-03	0					
UPG-04	0					
Total	16.935	16.935				



12 Progress Structure:

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

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

Physical Progress of Structure Works Up to the Month of November-2021

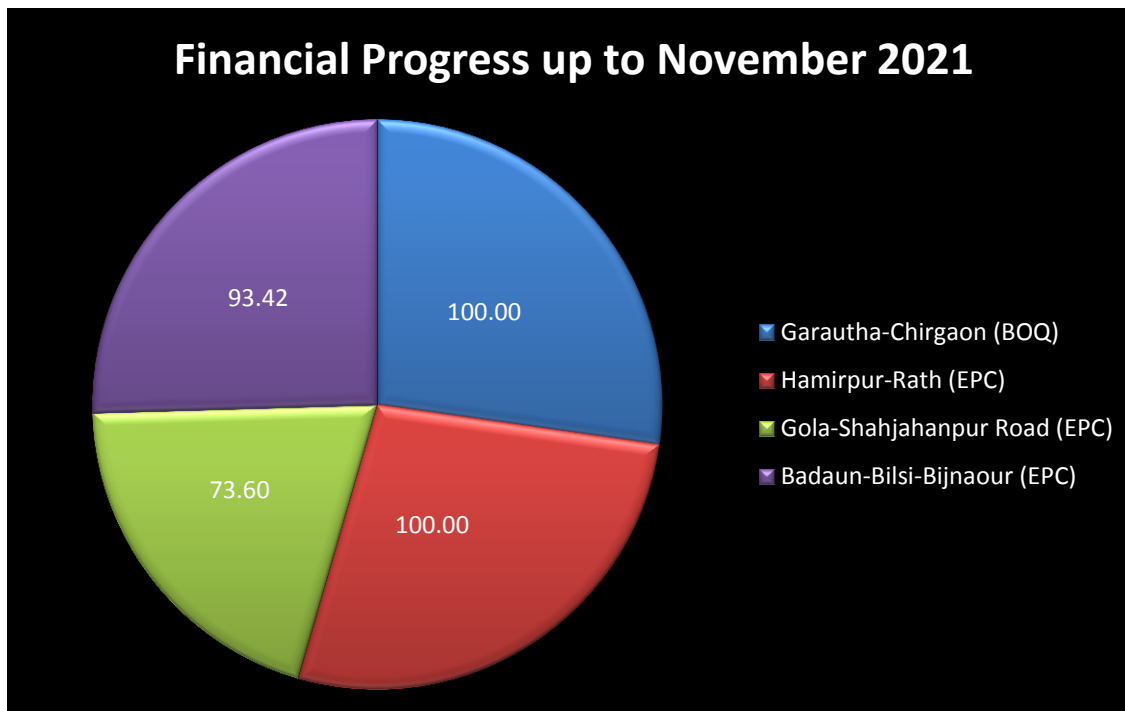
Package – UPG/03 (Gola-Shahjahanpur Road Project)

S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
1	Major Bridges (Reconstruction)	1	0	0	1	0	65%	Foundation & Structure Works completed
2	Minor Bridges (Reconstruction)	4	1	2	2	0	75%	FP works in progress
3	Wild Animal Under Pass	3	3	3	0	0	100%	COS
4	Box Culverts (Reconstruction)	19	18	18	0	1	94.74%	FP works in progress
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%	FP works in progress
6	Minor Bridge (Widening +Rep.)	3	3	3	0	0	100%	FP Works In Progress
7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%	FP Works In Progress
8	Repair of Structures	15	15	15	0	0	100%	
	Total	98	89	90	3	5		

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

Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
Minor Bridges (Reconstruction)	2	2	2	0	0	100%	FP Works not started
Box Culverts (Reconstruction)	11	10	10	0	1	90.91	FP Works Completed
Slab Culverts (Reconstruction)	6	6	6	0	0	100%	FP Works Completed
HP Culverts (Reconstruction)	69	69	69	0	0	100%	FP Works Completed
Minor Bridge (Wid. +Rep.)	1	1	1	0	0	100%	FP Works Completed
Culverts (Wid. +Rep.)	18	18	18	0	0	100%	FP Works Not Started
Repair of Structures	4	3	3	1	0	75%	
Total	111	109	109	1	1		

13 Financial Progress



Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)	Paid IPC Nos.	Remarks
Garautha-Chirgaon (BOQ)(Revised Cost) Part-1	183.92	183.92	IPC-24	Excl. Maintenance Statement at Completion
Hamirpur-Rath (EPC) (Revised Cost)	275.65	275.65	IPC-18	Final IPC
Gola-Shahjahanpur Road (EPC)	356.9	262.67	IPC-12	
Badaun-Bilsi-Bijnaour (EPC)	334.08	312.10	IPC-15	
TOTAL (In Crore)	1150.55	1034.34		

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

14.1 Meeting/Training held during the Month

11.11.2021- Meeting held in CE(EAP) Office, Lucknow under chairmanship of Project Director to Review Progress of Forest Clearance of Missing Link (Rath-Garautha) attended by the SE,PWD, Kanpur, UPPWD Environmental Expert, Mr. Debashis Pal Egis Environmental Expert and DTL.

15.11.2021- Meeting held in CE(EAP) Office, Lucknow under chairmanship of Project Director regarding inclusion of WB comments in DPR of Phase-II Roads attended by the UPPWD Social Expert, Mr. N.K. Singh Egis Social Development Specialist and DTL.

17.11.2021—MDRA Marketing and Development Research Associates organized Road User Satisfaction Survey Workshop at 10:00 AM at Hotel P.S. International, Gautam Buddha Marg, Latouche Road, Lucknow and the same attended by the UPPWD Project Director, Superintending Engineer Mr. Sanjay Gupta & Executive Engineer Mr. S.K. Gautam & Environmental Expert Dr. Seema and Egis Environmental Expert and DTL.

17.11.2021 – Meeting held on 17.11.2021 under the chairmanship of DM, Jhansi regarding Land Acquisition of Missing Link (Rath-Garautha) attended by the EE,PWD,Kanpur, AE, PWD,Jhansi & UPPWD Social Expert and Egis Representative Mr. Ashutosh.

22.11.2021– Meeting held on 22.11.2021 under the chairmanship of DM, Hamirpur regarding Land Acquisition of Missing Link (Rath-Garautha) attended by the EE,PWD,Kanpur, AE, PWD, Jhansi & UPPWD Social Expert and Egis Representative Mr. Ashutosh.

14.2 Site Visits Carried out during the Month

08.11.2021 –Site Inspection carried out by the Project Director, UPPWD for Badaun-Bilsi-Bijnaour road project accompanied by the DTL and RE on 08.11.2021 and Inspection Notes issued vide UPPWD letter No. 2461 Meetings/CEEAP/2021 dated 12.11.2021.

09.11.2021 to 12.11.2021 -Egis Sr. Bridge Engineer Mr. Rajiv Ranjan Verma visited the Gola-Shahjahanpur project road from 09.11.2021 to 12.11.2021 and the same intimated to the Contractor (APCO) vide letter No. Egis India/LKO/UPCRNDP/2021/1498 Dated 08.11.2021. Site Inspection Notes/Observations issued to the Contractor (APCO) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1510 Dated 18.11.2021.

15.11.2021 to 17.11.2021 – Egis Environmental Specialist Mr. Devbrat Singh visited the Gola-Shahjahanpur project road from 15.11.2021 to 17.11.2021 and the same intimated to the Contractor (APCO) vide letter No. Egis India/LKO/UPCRNDP/2021/1506 Dated 13.11.2021.

22.11.2021 to 27.11.2021 – Egis Environmental Specialist Mr. Devbrat Singh and Sr. Bridge Engineer Mr. Rajiv Ranjan Verma visited the Gola-Shahjahanpur project road from 22.11.2021 to 25.11.2021 and from 22.11.2021 to 27.11.2021 respectively and the same intimated to the Contractor (APCO) vide letter No. Egis India/LKO/UPCRNDP/2021/1515 Dated 22.11.2021.

29.11.2021 –Site Inspection carried out by the UPPWD Project Director, Superintending Engineer Mr. Sanjay Gupta and Executive Engineer accompanied by the TL, DTL and RE along with the Contractor (APCO) Project Manager for Gola-Shahjahanpur project road on 29.11.2021.

15 Correspondence Management

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

16 Construction Supervision Consultant's Mobilization



Senior Highway Design Engineer	Mr. Sanjay Kumar	18		Part-C Services (Existing Staff of EGIS)
Senior Bridge Design Engineer (intermittent)	Mr. Rashid Najfi	10		Part-C Services (Existing Staff of EGIS)
IT Specialist	Mr. Sanjay Ayyangar	36	10.09.19	Part B & C Services
Social Development Specialist	Dr. Sudesh Kaul	16.44	08.08.18	Part-C Services
Road Safety Auditor	Mr. Bhushan Kumar Merigala	10		Part-C Services (Existing Staff of EGIS)
Pavement Specialist (Intermittent)	Mr. T. Someshwar Rao	11	03.09.19	Part-C Services
Senior Material cum Quality Control Specialist	Mr. Alok Sinha	45.5	06.07.18	Part-B Services
Construction Safety Engineer	-	40		
Environment Specialist	Mr. Dev Brat Singh	45	15.03.18	Part-B&C Services
Senior Surveyor	-	16	05.03.18	Position not required.
Senior Bridge Engineer	Mr. Rajiv Ranjan Verma	39	01.05.20	Part-B Services
Senior Quantity Surveyor (Additional)	Mr. Anil Katiyar	42	19.02.20	Part-B Services
PMIS/Procurement Sub-professional	Mr. Deepak Pant	72	26.06.19	
Assistant Social Development Specialist (Additional)	Mr. Bikram Singh	10	11.09.19	
Office Manager cum Accountant	Mr. K.C. Joshi	72	14.05.18	
Computer Operator	Mr. Ashok Kumar Srivastava	72	15.04.15	
Office Assistant	Mr. Sunil Kumar	72	03.06.19	
Watchman	Mr. Gyanendra Bahadur Sahai	72	05.10.14	

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

16.2.2 Vehicles

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

S. No.	Vehicle Type	Vehicle No.	Start Date	Remarks
TEAM LEADER'S OFFICE (LUCKNOW)				
1	MARAZZO	UP-32 LN 6457	13.08.2019	
2	TATA JEST	UP-32 LN 1212	23.07.2018	
CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH				
1	TUB	UP-93 CT 2775	01.05.2020	

CONTRACT PACKAGE – UPG/03 GOLA - SHAHJAHANPUR				
1	BOLERO	UP-31 AT 2263	12.05.2020	
2	BOLERO	UP-27 AU2415	06.12.2019	
3	BOLERO	UP-27 AU2414	06.12.2019	
CONTRACT PACKAGE –UPG/04 BADAUN – BILSI - BIJNAOUR				
1	BOLERO	UP-23 V 3064	26.08.2019	
2	BOLERO	UP-23 X 2683	06.12.2019	
3	BOLERO	UP-23 AC 2841	05.12.2019	

16.2.3 Offices

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

Site Office Addresses:

<u>Contract Package – UPG/01</u> Hamirpur – Rath Section of SH-42 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, C/o Mr. Ram Ratan Singh, NaiBasti, Charkhari Road, Near Ramlila Ground, RathDistt.-Hamirpur,U.P.-210 431 (This office will be supervising the Civil works of Missing Link too)	<u>Contract Package- UPG/02</u> Garautha–Chirgaon Section of SH-42 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, Dharmendra Kumar Parashar Pahadi Buzurg,Chirgaon, District-Jhansi (U.P) –284301 All Staff and Site office wasdemobilized from 31st Dec 2020
<u>Contract Package – UPG/03</u> Gola – Shahjahanpur Section of SH-93 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd, 1 st and 2 nd Floor, Main Shahjahanpur Road In front of Garg Crasher, Bara Road, Mohammadi, Uttar Pradesh-262 804	<u>Contract Package – UPG/04</u> Badaun–Bilsa–Bijnour Section of SH-51 Office of the Resident Engineer Egis India Consulting Engineers Pvt. Ltd. C/o Mr. Dalchand, HoliVala, Chakauri Road, near Bajaj Showroom, Near Bajaj ShowroomRoad, Hasanpur-244 241.

CONTRACT PROJECT ACTIVITIES

17 CONSTRUCTION PACKAGE –UPG-02

17.1 Introduction

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

The project works are divided into two parts,

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

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

This Monthly Operation and Maintenance Report covers the Month of October 2021 and summarizes the activities up to end of this month. M/s Egis India Consulting Engineers Pvt. Ltd., has been entrusted for construction Supervision and Contract administration of the Contract procured under item rate by the UPCRNDP-PWD, World Bank Division.

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

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

** On Non- Compliance and rectification of Notified Defects the Notice for Extension of DLP period up to 31st December 2021 is served by the Engineer.

17.2 Salient Features of Contract

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

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

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

17.3 AE Staff Mobilization and Supervision Arrangement during Maintenance Period

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

17.3.1.1 Base Camp Establishment during Maintenance Period

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

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

17.3.1.2 List of Contractor Staff Mobilized for Maintenance Period

The Contractor has reported that on an average 10 nos. of workers including female/women are generally engaged during the maintenance period.

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

17.3.1.3 List of Equipment Mobilized for Maintenance Period

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

17.3.2 Interim Payment Certificate

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

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

Correspondence During O&M Period

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

17.3.3 Materials

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

18 Work Progress

18.1.1 Design and Drawings

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

18.1.2 Maintenance Work Programme

The Contractor's Monthly Maintenance Program as per Clause A-1.4 is awaited.

18.1.3 Financial Progress

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

18.1.4 Maintenance Payment Certificate

NIL

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

18.1.5 Physical Progress

NIL

The physical progress of Maintenance Activities is being monitored, **Refer Annexure-C.**

18.1.6 Quality Control/Quality Assurance

Field Laboratory Demobilized in June 2020.

18.1.7 Meetings & Site Inspections

Regular Site Visits are being conducted from AE's end and Inspection reports with observations are being issued to the Contractor in order to conformity of Safe use of Project Highway.

18.1.8 Key Issues

- The Contractor has not submitted the Maintenance Program.
- Monthly Maintenance Statement is awaited from Contractor as per clause 42.7(b).
- The Road humps/Speed Breaker constructed is more height & width which causes several accidents at village areas. Instructed to rectify them as per the Codal provisions.
- At Ch. 139+600 the Irrigation Department is going to construct a box culvert by demolishing the newly constructed road. This has been intimated to the Authority and also to the Concerned Department of UP Govt. for further necessary action. Maintenance of effected area to be done by Irrigation Department.
- Deflection has been developed at 152+300 and rectification has been started by the Contractor.

18.1.9 Weather

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

19 CONTRACT PACKAGE UPG-01

19.1 Introduction

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

This **Monthly Inspection Report No. 03** covers the Month of November 2021 and summarizes the activities up to end of this month.

Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Appointed Date (as per Contract)	Scheduled Completion Date (as per Contract)	O&M Period/ DLP Period/ Commencement Date
UPCRNDP/UPG/01/2018 Hamirpur - Rath Road (SH-42)	72.785*	24 Months	19 th June 2019	25 th June 2019	23 rd June 2021	5 Years/5 Years/13 th July 2021

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

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

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

19.2 Milestones

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

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

M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	25/06/19	15/11/2020	Achieved on 29 th November 2020 within the Cure period allowed in the Contract as Force Majeure Event-Pandemic effects .
M-4	Scheduled Completion of Project in all respect.	730	25/06/19	23/06/2021	Achieved on 12 th August 2021, Completion Certificate issued within the extended Contract Agreement. Provisional Completion Certificate issued on 12 th July 2021 as per the Contract Agreement.

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

19.3 Description of Works

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

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

19.4 Consultant Mobilization

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

19.5 Staff Mobilization

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

Resident Engineer Office, Contract Package-01 (Hamirpur-Rath)			
Sl. No.	Position	Name	Date of Joining
Technical Staff			
1	Resident Engineer	Mr. Jawahar Singh	01.10.2019
2	Assistant Highway Engineer-2	Mr. Ravish Kumar	03.08.2019
3	Assistant Quantity Surveyor	Mr. Kompella Srikanth	21.09.2020
4	Lab Technician	Mrs. Kilaparthi Venkata Visalakshi	09.08.2021
Administrative Support Staff			
5	Office Manager Cum Accountant	Mr. Siddhartha Shukla	16.12.2019
6	Computer Operator/Office Assistant	Mr. Hemant Ahirwar	24.06.2021
7	Office Assistant	Mr. Surendra Kumar	01.08.2019
8	Watchman	Mr. Prasant Soni	01.08.2019

19.6 Construction Activities : Focuses on O&M Works

19.6.1 Mobilization of Contractor

19.6.1.1 Base Camp Establishment

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

Base Camp Office Address:

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

19.6.1.2 Human Resources

Contractor has mobilized Key Staff as given below;

Sl. No.	Designation	Name
1	Project head from HO	Mr. Imran Siddhiqui
2	Project Incharge	Mr. Atiq Ahmad
3	Highway Supervision	Mr. Upendra Kumar
4	Highway Foreman	Mr. Aish Kumar

19.6.1.3 Equipment and Machinery

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

19.6.1.4 Material

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

19.7 Work Progress

19.7.1 Design and Drawings

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

19.7.2 Maintenance Work Programme

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

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

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

19.7.3 Financial Progress

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

19.7.4 Maintenance Payment Certificate

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

19.7.5 Physical Progress

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

19.8 Quality Control / Quality Assurance

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

19.9 Meetings & Site Inspections

Regular Site Visits are being conducted from AE's end and Inspection reports with observations are being issued to the Contractor in accordance to the conformity of Safe use of Project Highway.

19.10 Key Issues

General Site Related Issues:

- Instructed to the Contractor to work under SOP guidelines with all safety protocols.
- Instructed to the Contractor to deploy adequate man power & machinery for Maintenance activities of the Project.
- Contractor submitted the As-Built Drawings; these has been reviewed by AE and instructed the Contractor to incorporate all the comments and submit the final copy as per Contract provisions.
- Local residents dumped building material on road side and footpath, instructed contractor to inform Police/Client/PMC immediately.

19.11 Project Completion /Operation and Maintenance Period

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

19.12 Weather

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

20 **CONTRACT PACKAGE UPG-03**

20.1 Introduction

Contract Package **UPG-03**, Engineering, Procurement and Construction Contract for Up-gradation (Widening/Strengthening) of Gola -Shahjahanpur Section of SH-93 from design Ch. 1+280 to Ch. 58+580, has been awarded to **M/s APCOInfratech Pvt. Ltd.**, Gurgaon, for a Contract Amount of **INR356,90,00,000.00**.

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

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

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

The Cumulative Physical Progress achieved 86.55% up to 30th November-2021, Financial Progress is 73.60% up to 7th August-2021

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

20.2 Milestones

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

Milestone	Physical Works to be Completed as per Schedule-J	Period and Date of Completion			Status as on date
		Period in Days	Start Date	Scheduled/ EOT End Date	
M-1	Stage Payments Statements for an amount not less than 10% of the Contract Price.	150	11/11/2019	08/04/2020	Achieved on 20 th March 2019
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	11/11/2019	05/10/2020	Achieved on 4 th November 2020 within the 30 days, Cure period allowed in the Contract
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	11/11/2019	03/04/2021/ 03/06/2021	Achieved on 12 th June 2021
M-4	Scheduled Completion of Project in all respect.	730	11/11/2019	09/11/2021/ 19/01/2022	Under Progress

20.3 Salient Features

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

20.4 Description of Works

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

20.4.1 Typical Cross Section

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

20.5 Consultant Mobilization

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

20.6 Staff Mobilization

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

Resident Engineer Office, Contract Package-03 Gola – Shahjahanpur			
Sl. No	Position	Name	Date of Joining
Technical Staff			

Resident Engineer Office, Contract Package-03 Gola – Shahjahanpur			
Sl. No	Position	Name	Date of Joining
1	Resident Engineer	Mr.Anjani Kumar	03.05.2019
2	Assistant Bridge Engineer	Mr.Rajesh Kr. Singh	02.01.2021
3	Assistant Highway Engineer-1	-	
4	Assistant Highway Engineer-2	Mr.RamPratapSingh	20.01.2020
5	Assistant Material Cum Quality Engineer-1	-	
6	Assistant Quantity Surveyor	Mr. Chandra Prakash Tiwari	12.08.2021
7	Assistant Surveyor Engineer	Mr.Gyanendra Singh	15.05.2019
8	Junior Construction Safety Expert	Mr.Vinay Kumar Tiwari	03.10.2019
9	Technician Filed-1	Mr.Satpal Singh	02.01.2021
10	Lab Technician-1	Mr.Ranjan Kumar Singh	01.08.2019
11	Junior Environmentalist	Mrs.ArchanaVaishya	17.06.2020
Administrative Support Staff			
12	Office Manager	Mr. Manish Kumar Dixit	13.05.2019
13	Computer Operator	Mr.SatyaPrakashDwivedi	11.12.2019
14	Office Assistant	Mr.Sumit Pal	07.08.2019
15	Watchman	Mr. Sachin Shukla	26.08.2019

20.7 Construction Activities

20.7.1 Site Possession and Utilities

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

20.7.2 Mobilization of Contractor

20.7.2.1 Base Camp Establishment

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

Base Camp Office Address:
 M/S APCOInfratechPvt.Ltd.
 KM Stone -39, Sh-93, Village KheriyajatLakhanpur,
 Post-Gorkan, Tehsil-Mohammadi,
 Dist.-LakhimpurKheri

20.7.2.2 Human Resources

Contractor has mobilized Key Staff listed in table below;

Sl.	Designation	Name	Date of Joining
1	Project Manager	Mr. Arabind Kumar Singh	01.02.2021
2	Highway Engineer	Mr. Nirmal Singha	16.03.2020
3	Material Engineer	Mr. Lokeswar Rao Killamsetty	02.05.2019
4	Quantity Surveyor	Mr. Pawan Kumar	10.08.2020
5	Land Surveyor	Mr. NarendraYadav	20.04.2019

6	Mechanical Equipment Maintenance Engineer	Mr. Ravi Shankar Patnaik	20.07.2020
7	Bridge Engineer	Mr. Bulbul Prashad Yadav	02.05.2019
8	ESHS Officer	Mr. Ashok Kumar	18.06.2020

20.7.2.3 Plant and Machinery

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

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

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

20.7.2.4 Material

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

20.8 Work Progress

20.8.1 Structure Drawing Design Status

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

20.8.2 Work Programme and EOT

- Contractor's Revised Work Program Rev-05 w.r.t grant of 71days EOT is received vide letter no. APCO/WB- UPPWD/EGIS/ST/484Dated 20.04.2021. The same has been accepted by the Resident Engineer to monitoring their construction activities, vide Letter No. Egis India/RE UPG-03/UPCRNDP/419/2021 Dated 20.04.2021.
- Contractor applied for Interim Extension of Time (IEOT) for 162 days due to COVID-19 Force Majeure Event vide APCO Letter No. APCO/WB-UPPWD/EGIS/ ST/267 Dated 20th July 2020. Authority Engineer evaluated and recommended IEOT for 71days vide our letter No. Egis India/HO/UPCRNDP/65080/2020 Dated 09.12.2020.
- Contractor applied for Comprehensive Interim Application for Extension of Time (IEOT-2) vide APCO Letter No. APCO/WB-UPPWD/EGIS/ST/573 Dated 27th August, 2021. Authority Engineer communicated to the contractor vide letter no. Egis-India/HO/UPCRNDP/UPG-03/74808/2021 Dated 11.10.2021.
- Contractor again applied for Interim Extension of Time (IEOT-2) vide letter no. APCO/WB-UPPWD/EGIS/ST/643 Dated 13th November, 2021 to the team leader which is under review.

20.8.3 Financial Progress:

UPG/03 Gola-Shahjahanpur	Up to End of Previous Month w.r.t WP-Rev.05	This Month	Cumulative up to Date
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SH-93	Target	Achieved	Target	Achieved	Target	Achieved
Amount (in Cr.)	336.83	262.67	12.86	00	349.69	262.67
In % age	94.37%	73.6%	3.60%	00%	97.97%	73.6%

20.8.4 Stage Payment Statement (Interim Payment Certificate)

The Contractor has submitted IPC- 12 for the month of August- 2021 for AE's review& process.

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

	June 2021						
IPC-12	Up To 7 th August 2021	18.08.21	-	12,81,54,856	12,81,54,856	12,56,62,421	Work Done

20.8.5 Physical Progress

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

Highway Physical Progress in Linear Length										
Sl.N	Description	Unit	Scope	Revised Scope	Work Done up to previous Month	Progress During the Month			Work Done up to Date	Progress w.r.t Scope Work
						Length Achieved				
					Average	LHS	RHS	Average	Average	In %
1	Subgrade Top	Km	57.535	56.388	55.112	0.098	0.128	0.113	55.215	97.92
2	GSB	Km	57.535	56.388	54.890	0.098	0.128	0.113	55.003	97.54
3	WMM Top	Km	57.535	56.388	54.408	0.00	0.00	0.00	54.408	96.49
4	DBM Top	Km	57.535	56.388	54.365	0.00	0.190	0.095	54.365	96.41
5	BC	Km	57.535	56.388	51.300	0.620	0.620	0.620	51.300	90.97

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

Physical Progress of Structure Works Up to the Month of November-2021							
Package – UPG-03 (Gola-Shahjahanpur Road Project)							
Sl. No.	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion
1	Major Bridges (Reconstruction)	1	0	0	1	0	65.00%
2	Minor Bridges (Reconstruction)	4	1	2	2	0	75.00%
3	Wild Animal Under Pass	3	3	3	0	0	100%
4	Box Culverts (Reconstruction)	19	18	18	0	1	94.74%
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%
6	Minor Bridge (Widening +Rep.)	3	3	3	0	0	100%
7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%
8	Repair of	15	15	15	0	0	100%

	Structures						
	Total	98	89	90	3	5	

20.8.6 Additional Details

Further progress details may be found in:

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

Annexure - F, Bar Chart of Physical Progress of Highway

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

Annexure - H, Cross Road Culverts (Drain)

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

Annexure- J, Logistic Plan

20.9 Quality Control / Quality Assurance

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

20.10 Meetings & Site Inspections

- Site Inspection Carried out by Senior Bridge Engineer Mr. Rajeev Ranjan Varma from 9th November, 2021 to 12th November, 2021 and 22nd November, 2021 to 30th November, 2021.
- Site Inspection Carried out by Environment Specialist Mr. -Devbrat Singh from 15th November, 2021 to 17th November, 2021 and 22nd November, 2021 to 25th November, 2021.
- Site Inspection Carried out by Jr. Social Expert Mr. Bikram Singh from 22nd November, 2021 to 29th November, 2021.
- Site Inspection Carried out by Project Director, Mr. Sanjay Gupta SE, along with TL Mr. Mohd. Ayaz Beg and DTL Mr. Sarwan Singh Saini on 29.11.2021.

20.11 Key and Potential Issues

- Progress of Major Bridge at Km.25+608 is very slow, instructed contractor to submit the detailed program with resources in order to complete the bridge work by 31st December 2021.
- All COS including three Wild animals under Pass in Reserve Forest area after verification submitted to Authority for approval.
- Contractor has been advised to obtain DC's permission ASAP for all recently identified Borrow Areas before operation.
- Change of Scope – De-scope order issued by Client for reduction in Project length 802 m as completed by NH Division from km 29+515 to Km 30+317. Change of scope notice issued vide letter No. Egis-India/UPCRNDP/UPG/03/763/2020 Dated 3rd March 2020.
- De-scope 2nd order issued by Client for reduction at end chainage of Project road in the Project length 345 Mtr. from Km 59+035 to Km 59+380. Change of scope notice issued vide letter No. Egis-India/LKO/UPCRNDP/2021/1236 Dated 9th March 2021.
- The revised project length is 56.388km after reduction of 1.147km from the design length of 57.535km.

- Progress of Minor Bridge at Chainage 12+759, 43+682 & 46+989 is very slow, instructed to contractor to provide Sufficient resources/ expedite the work in order to complete the work as per approved work Program.
- Progress of CPR Structure is very slow, instructed to expedite the work and complete within Stipulated time. Total no. of CPR-17, completed-14 and work in Progress- 03.
- Progress of Rain Water Harvesting is very slow only 43/114 Nos. Under Progress as on date 30.11.2021, instructed contractor to increase and expedite the work.
- Contractor also been instrcted to expedite the all Road Furniture Works to catchup with the Program as Schedule completion date is 19.01.2022 after considering 71 days IEOT.
- Instruction given to contractor to provide additionalPlastic /Concrete Barrier with minimum gap with temporary road signs at km 13+500 at retaining wall. Also instructed to provide minimum two flagman with red/green flag to guide the traffic. At night blinker lights to be used to avoid any accident.

20.12 Weather Report

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

21 CONTRACT PACKAGE UPG-04

21.1 Introduction

Contract Package **UPG-04**, Engineering, Procurement and Construction Contract for Up-gradation (Widening/Strengthening) of Badaun-Bilsi-Bijnaour Section of SH-51 from Km.58+400 to Km.137+820, has been awarded to **M/s GAWAR Construction Ltd., Gurugram** through ICB Bidding norms for up-gradation and development. The Contract Agreement No.117/UPCRNDP/CEEAP/2019-20 were signed on 5th July 2019 and the EPC Contract Price is **INR334,00,00,080.00**.

Sl. No	Contract Package	Length (Km)	Completion Period (As per Contract)	Contract Agreement Date	Commencement Date (As per Contract)	Scheduled Completion Date & EOT
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	02/11/2021 (as per CA) and 10 th January 2022 with IEOT

The Cumulative Physical Progress achieved is 94.58% as on 30th November 2021 and Financial Progress is 93.44% up to 20th November 2021.

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

21.2 Milestones

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

Part-1 Mile Stone	Physical Works to be Completed as per Schedule-J	Period and Date of Completion			Status as on Date
		Period in Days	Start Date	Scheduled/ EOT End Date	
M-1	Stage Payments Statements for an amount not less than 10% of the Contract Price.	150	04/11/2019	01/04/2020	Milestone-I achieved on 02.06.2020. within Cure period allowed in the Contract. Delayed due to lockdowns imposed due to pandemic Covid-19.
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	04/11/2019	28/09/2020	Achieved on Date 28 th September 2020
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	04/11/2019	27/03/2021	Achieved on 21 st March 2021
M-4	Scheduled Completion of Project in all respect.	730	04/11/2019	02/11/2021/ 10/01/2022	In progress

21.3 Salient Features

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

21.4 Description of Works

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

21.4.1 Typical Cross Section

Application of Typical Road Cross Sections							
Cross Section Type	Application	Length (Km)	Width (m)				
			Carriageway	Paved Shoulder	Earthen Shoulder	Footpath cum Drain	Paver Block
TCS-1 A	Reconstruction + Widening in Rural Section	63.277	7	1.5	1	0	0
TCS-1 B	New Construction + Realignment	1.14	7	1.5	1	0	0
TCS-2	Reconstruction + Widening in Urban/Semi Urban Section	13.849	7	1.5	0	1.5	Varies
TCS-3	Reconstruction + Widening in Urban/Semi Urban Section	0.859	7.5x2	0	0	1.5	Varies
Total Project Length (Km)		79.125					

21.5 Mobilization of Consultant

21.6 Staff Mobilisation

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

Resident Engineer Office, Contract Package-04Badaun-Bilsa-Bijnaour			
Sl. No.	Position	Name	Date of Joining
Technical Staff			
1	Resident Engineer	Mr. Deepak Kumar	08.11.2019
2	Assistant Highway Engineer-1	Mr.Pramod Kumar Singh	02.08.2019
3	Assistant Highway Engineer-2	Mr. Suresh Chand	04.11.2019
4	Assistant Bridge Engineer	Mr.Amit Kumar	02.08.2019
5	Assistant Material Cum Quality Engineer-1	TBA	
6	Quantity Surveyor-1	Mr.Hunny Kumar	12.06.2019
7	Assistant Surveyor-1	Mr.Gopal Krishna Biswas	04.10.2021

Resident Engineer Office, Contract Package-04Badaun-Bilsa-Bijnaour			
Sl. No.	Position	Name	Date of Joining
8	Junior Construction Safety Expert	Mr.ShubhankarNayak	25.01.2021
9	Junior Environment Specialist	Mr. Shiv Kumar	24.02.2020
10	Technician Filed-1	Mr. Rajeev Yadav	14.11.2019
11	Lab Technician-1	Mr. Krishna Kumar Keshri	13.11.2019
Administrative Support Staff			
12	Office Manager Cum Accountant	Mr. Sachin Soni	23.11.2019
13	Computer Operator/Office Assistant	Mr. Gyan Singh	11.10.2021
14	Office Assistant	Mr.Nakul Singh	04.10.2019
15	Watchman	Mr.Amit Kumar	27.11.2019

21.7 Construction Activities

21.7.1 Site Possession and Utilities

Client through the memorandum dated 04.11.2019 handed over to the Contractor more than 90% un-encumbered land and issued the Appointed Date as 04thNov 2019 for the procurement of design team, commencement of initial investigation, survey, design and drawings of works and execution of up-gradation and construction works.

100% encumbrance free land handed over to the Contractor.

Details will be presented in enclosed Format, **Refer Annexure-B- Encumbrance List**

21.7.2 Mobilization of Contractor

21.7.2.1 Base Camp Establishment

Contractor has established the Base Camp Office at Ch.102+200LHS, Village-Dehpa along with Central Laboratory, Construction plants, Mechanical Work Shop and Workers Accommodation.

Base Camp Office Address:
 GAWAR Construction Ltd.
 Village-Dehpa,P.O. Dehpa
 Dist-Shambhal
 (UP)-244302

21.7.2.2 Human Resources

The Contractor mobilised key staff is listed in table below;

Sl.	Designation	Name	Remarks
1	Sr. Project Manager	Mr. Vivek Sharma	
2	Project Manager	Left	
3	Dy. Project Manager	Mr. Buntly Shaw	
4	Highway Engineer	Left	
5	Material Engineer	Mr.Kehari Singh	

6	Quantity Surveyor	Mr. Dinesh Kumar Yadav	
7	Land Surveyor	Mr. Manjeet Singh	
8	Mechanical Equipment Maintenance Engineer	To be Appointed	
9	Environmental cum Road Safety Manager	Mr. Shalendra Sharma	Mobilized in Jan-Feb - 2021
10	Bridge Engineer	Mr. Farhan Baqi	

21.7.2.3 Plant and Machinery

Contractor has established following Construction Plants at Base Camp Location Ch. 102+200 (LHS) & Concrete Batching Plant @ Ch.95+740 RHS.

Sl. No.	Plants Mobilized	No.	Location	Make & Capacity	Date of Commissioning
1	Batching Plants	01	Ch.95+740 RHS	Akona CP-30	Oct-19
2	Wet Mix Plant	01	Ch.102+200 LHS	Apollo100 TPH	Jan-20
3	Hot Mix Plant	01	Ch.102+200 LHS	Apollo 200 TPH	Feb-20
4	Crushers	00	Not Established	-	Procuring from Pvt. Crusher

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

21.7.2.4 Material

Contractor procured materials like Cement, Steel, and Bitumen etc. from approved sources and aggregates from licensed private crushers. Shortfall of procurement of material recorded for this month. The List of material requirement and procured quantity is enclosed as in **Annexure-D Material Procurement Statement**

21.8 Work Progress

21.8.1 Design and Drawings

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

21.8.2 Work Programme & Interim Extension of Time (IEOT)

- Work Programme Approved by AE vide letter No. Egis-India/RE UPG-04/UPCRNDP/043/2020 Dated 10.01.2020.
- In Principal the EOT has been granted by the Client for 69 days.
- Contractor has submitted the revised work program Letter No. GCL/Camp/SH/BBB/2021/526 dated 01.03.2021. Revised work program has approved by Authority Engineer Letter No. Egis India/RE UPG-04/UPCRNDP/342/2021 dated 09.03.2021.

21.8.3 Financial Progress

UPG/04 Badaun-Bilsi- Bijnaour	Up to End of Previous Month		This Month		Cumulative up to Date	
	Target	Achieved	Target	Achieved	Target	Achieved
Amount (in Cr.)	334.00	298.80	0.00	13.30	334.00	312.10
In % age	100.00%	89.46%	0.00%	3.98%	100%	93.44%

21.8.4 Stage Payment Statement (Interim Payment Certificate)

Contractor is planning to submit the SPS-14/IPC-15 for the month of September, October & November 2021.

IPC No.	IPC for the month of	Recommended by the Engineer	Payment Date	Gross Amount (INR)	Gross Amount including P.A (INR)	Net Amount (INR)	Remarks
IPC-01	Mobilization	26.11.19	08.12.19	33,40,00,000	33,40,00,000	32,73,20,008	Mobilization
IPC-02	Up to Jan 2020(75% Part Payment)	10.02.20	17.02.20	7,67,36,583	7,67,36,583	4,95,39,413	Work done
IPC-02	Up to Jan 2020(25% Part Payment)	20.02.20	27.02.20	---	---	1,65,13,138	Work done
PC-03	Up to 9.03.2020	21.03.20	21.03.20	14,66,86,595	14,66,86,595	12,55,28,582	Work done
IPC-04	Up to 30.06.2020	09.07.20	10.07.20	28,74,28,280	28,74,28,280	25,58,11,169	Work done
IPC-05	Up to 31.07.2020	10.08.20	14.09.20	23,32,88,164	23,32,88,164	20,27,39,847	Work done
IPC-06	Up to 31.08.2020	11.09.20	16.09.20	21,62,38,074	21,62,38,074	17,66,00,436	Work done
IPC-07	Up to 30.09.2020	16.10.20	21-10-20	24,81,69,609	27,55,36,150	16,26,74,863	Work Done
IPC-08	Up to 31.10.2020	06.11.20	---	12,62,70,612	12,62,70,612	2,81,70,167	Work Done
IPC-09	Up to 27.12.2020	29.12.20	30-12-20	33,24,03,577	33,24,03,577	13,30,10,697	Work Done
IPC-10	Up to 31.01.2021	09.02.21	10-02-21 & 06-03-21	22,08,22,439	22,08,22,439	19,15,88,376	Work Done
IPC-11	Up to 28.02.2021	05.03.2021	06-03-21	23,83,16,074	23,83,16,074	20,86,50,395	Work Done
IPC-12	Up to 31.03.2021	25.03.2021	25-03-21	35,45,16,284	35,45,16,284	34,97,58,820	Work Done
IPC-13	Up to 23.06.2021	28.06.2021	---	23,21,81,648	23,21,81,648	18,13,59,038	Work Done
IPC-14	Up to 31.08.2021	28.09.2021	---	27,49,42,381	27,49,42,381	27,06,36,868	Work Done
IPC-15	Up to 20.11.2021	26.11.2021	---	13,30,73,601	13,30,73,601	14,11,45,161	Work Done

21.8.5 Physical Progress

Highway Physical Progress in Linear Length									
Sl.	Description	Unit	Scope	Work Done up to Previous Month	Progress During the Month			Work Done up to Date	Progress w.r.t Scope Work
					Length Achieved				
				Average	LHS	RHS	Average	Average	In %
1	Subgrade Top	Km	79.125	78.60	0.52	0.52	0.52	79.125	100.00%
2	GSB	Km	79.125	78.60	0.52	0.52	0.52	79.125	100.00%
3	WMM Top	Km	79.125	78.60	0.52	0.52	0.52	79.125	100.00%
4	DBM	Km	79.125	78.60	0.52	0.52	0.52	79.125	100.00%
5	BC	Km	79.125	77.04	1.57	1.57	1.57	78.615	99.35%

Structure Works: Progress of Structure works during the month;

Package – UPG-04 (Badaun – Bilsa- Bijnaour Road Project)							
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work in Progress	Work Not Started	% Completion
1	Minor Bridges (Reconstruction)	2	2	2	0	0	100%
2	Box Culverts (Reconstruction)	11	10	10	0	1	90.91%
3	Slab Culverts (Reconstruction)	69	69	69	0	0	100%
4	HP Culverts (Reconstruction)	6	6	6	0	0	100%
5	Minor Bridge (Wid. +Rep.)	1	1	1	0	0	100%
6	Culverts (Wid. +Rep.)	18	18	18	0	0	100%
7	Repair of Structures	4	3	3	1	0	75%
	Total	111	109	109	1	1	

Additional Details

Further Progress Details May Be Found in;

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

Annexure – G, Bar Chart of Physical Progress of Highway

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

Annexure - I, Cross Road Culverts (Drain)

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

Annexure- K, Logistic Plan

21.9 Quality Control / Quality Assurance

Field laboratory established at Base Camp Site. Details of Quality Control Tests and Source Approvals are presented in **Annexure – L**.

21.10 Meetings & Site Inspections

- Site Visit of Project Director of UPPWD Lucknow Mr. Shriraj and Sarwan Singh Saini DTL Egis India on 08-11-2021 on dated 08.11.2021.
-
- Site Visit of World Bank Division Moradabad Assistant Engineer Mrs. Princy Tyagi on 08.11.2021.

21.11 Key Issues

- The Contractor has been granted 69 days of Extension of Time (EOT) due to Pandemic COVID-19 for completing the Milestone-4 (therefore Scheduled Completion of Project in all respect by 10th January 2022)
- 20 Nos Bus Shelters and 03 Nos Toilet Blocks at Truck Laybys to be relocated as residents objecting to the location shown on the approved drawings
- Compulsory Afforestation and Rainwater Harvesting work should be expedited and completed within the extended Contract Period.
- EMP enhancement work is very slow need to be expedited.
- Contractor reminded to focus and expedite Road furniture works and dressing of soft shoulder.
- The Contractor to resubmit O&M manual incorporating AE's comments ASAP in accordance with CA.
- CPRs works to be expedited and must be completed within the extended Contract Period.
- Borrow Areas rehabilitation and DC 's permission to be expedited.
- Demobilization including reinstating plans to be submitted ASAP.
- Irrigation Department contractor has excavated the completed road for constructing bridge/culvert at 4 locations for canal crossing the newly completed road therefore Irrigation Department will be responsible for maintenance of these sections as they are reinstating it.
- The Authority has visited the site and confirmed that Change of Scope is not applicable to Minor Bridges as the similar span lengths to the original Minor Bridges have provided for the new Box Bridges.

21.12 Weather

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

ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

22 ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

22.1 Introduction

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

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

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

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

22.2 ESHS Issues and Corrective Actions Taken

The ESHS issues of respective project sites has been monitored during this month are presented in respective underneath environmental matrix:

22.2.1 Statutory Compliance

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

Table A- UPPCB Clearance						
Package	Status of Permission HMP and CBMP Plants					
	HMP – CTO			CBMP – CTO		
	Capacity	Approval	Validity	Capacity	Approval	Validity
UPG-01	Project Completed – Plants are demobilized from Site					
UPG-02	Project Completed – Plants are demobilized from Site					
UPG-03	200TPH	15-01-20	31-12-21	60 Cum	15-01-20	31-12-21
UPG-04	160TPH	27-02-20	31-07-22	30 Cum	27-02-20	31-07-22
Package	Status of Permission WMM and CRUSHER Plants					
	WMM – CTO			CRUSHER – CTO		
	Capacity	Approval	Validity	Capacity	Approval	Validity
UPG-01	Project Completed – WMM Plant demobilized from Site;					
UPG-02	Project Completed – WMM Plant demobilized from Site;					
UPG-03	160TPH	15-01-20	31-12-21	NA	NA	NA
UPG-04	100TPH	27-02-20	31-07-22	NA	NA	NA

Information in brief:

UPG-01- Contractor has demobilized his construction plants from the project site/base camp Ch.57+000 in June-2021 and CBMP Plant in Aug-2021 from Ch.14+100; Project Works are completed – No further requirement of these plants for O&M Phase.

UPG-02- All Construction plants which was established for Part-A civil works are demobilized from the project site/base camp Ch.138+100 RHS in July-2020 - No further requirement of these plants for O&M Phase.

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

UPG-04 – CTO granted for all established plants; Validity granted up to 31-07-2022

22.2.2 Essential Project Insurances

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

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

Note: UPG-01 The Schedule and term of Contractor's CAR Policy under sub-clause C006 the O&M Period covered.
 UPG-02 Contractor vide letter no. Egis India/LKO/UPCRNDP/2021/1531 dated 06.12.2021 has been advised to extend the CAR Policy for the Extended period of DLP.
 UPG-03 Renewal Copy WC Policy & CAR Policy received;
 UPG-04 Renewal Copy of WC Policy & CAR Policy Received;



Employees Compensation Insurance Policy- Policy Schedule

Policy Serving : Off Code-12, Future Generali India Insurance Co Ltd, 303-310, 3rd floor, Katkash Building, K.G. Marg, Connaught Place, Delhi, Pincode- 110001, Tel. No: 011-2660300

Policy No : L0179091

Insured : Apco Infotech Pvt Limited

Address : B-9 Vishnu Khanda, Gomti Nagar, Lucknow, Uttar Pradesh, 226010

Period of Insurance : From 02/01/2021 To Midnight of 03/04/2022

Intermediary Name/Code : UNISON INS. BROKING SERVICES PVT. LTD. 60000478

Telephone(Mob./Hom) : 2228395064/2228395064

Email Id : S.BALAKRISHNAN@UNISONINSURANCE.NET

FCI GSTIN Number : 07AABCF0191R1ZB

In consideration of the Policy holder named herein paying to the Future Generali India Insurance Company Limited (herein after called the Insurer) the premium as stated in the Schedule and in reliance upon the statements made by the Policy holder in the proposal including its attachments or otherwise, and the material incorporated therein, the Insurer agrees to provide insurance against loss damage liability or expense to the extent and in the manner herein provided subject to all terms, conditions, exceptions and warranties hereinafter set forth.

Insurance Details		Schedule Of Premium (₹)	
Insurer	Share (In %)	Gross Premium	102,256.25
FUTURE GENERALI INDIA INSURANCE COMPANY LIMITED	100%	Goods and Service Tax	18,406.13
		Total Premium	120,662.00

Risk Details

Nature of Business : Road Project-Civil construction

Location : Engineering Department and construction / Upgradation and maintenance of Gola Shahjahanpur Section of SH-93 from KM 1780 to KM 58.580 in the state of Uttar Pradesh.

Contractor/Sub-Contractor Name : M/s Apco Infotech Pvt Limited

No of Employees	Description of work	Declared Wages during the Period of Insurance (₹)
150	Unskilled	27,000,000.00
50	Semi Skilled	9,300,000.00
30	Skilled Worker	9,600,000.00
25	Highly Skilled	4,550,000.00
	Total	50,850,000.00

Cover Description	No of Workers	Sum Insured for each worker	Total Sum Insured (₹)
1 Medical Extension	275	100,000	27,500,000

Coverage Details

The Policy covers Liability of the Insured under the following Law(s) shown as covered, subject to claim being otherwise admissible as per terms, conditions and exclusions of the Policy and subject to Limit of Indemnity as stipulated against each Law:

Law	Limit of Indemnity	Coverage
Employer's Compensation Act, 1923 and subsequent amendments enacted prior to the date of issue of this Policy	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured	Yes
Common Law Fatal Accident		Yes

Law(s)

WC Act 1923 and subsequent amendment of the said Act prior to the date of issue of the policy provided that the insurance granted hereunder is not extended to include

i. Any interest and/or penalty imposed on the insured on account of his/her failure to comply with the requirements laid down under WC Act 1923

ii. Occupational disease of any kind

THE NEW INDIA ASSURANCE CO. LTD.
(Government of India Undertaking)



ADDITIONAL ENDORSEMENT DOCUMENT
CONTRACTOR ALL RISKS INSURANCE POLICY

Insured Name : M/S APO INFOTECH PVT. LTD & THE CHIEF ENGINEER

Address : EXTERNALLY AIDED PROJECT, UP, PWD WORKS, LUCKNOW B-9, VISHNUTI KHANDA, GOMTI NAGAR, LUCKNOW, U.P., 226020

Telephone : /

Fax : /

Email : nis.4204004@newindia.co.in

GSTIN : 09AADCAS639H1ZK

UIN : NA

Insurer Office Code : LUCKNOW DO I (420400)

Address : 3RD FLOOR, ARIF CHAMBER-I, KAPOORTHALA BAGH, LUCKNOW U.P., 226020

Telephone : 05222329534 / 05222328096

Fax : /

Email : nis.4204004@newindia.co.in

GSTIN : 09AADCAS639H1ZK

SAC : 997137 (Other property insurance services)

Endorsement attached to forming part of Policy Number : 42040044190300000048

Department : Engineering

Period of Insurance : From 04/11/2021 03:27:28 PM To 10/11/2022 11:59:59 PM

Date Signed : 01/11/2021

Additional Premium ₹ : 858,919.00

Refund Premium ₹ : N/A

Sum Insured ₹ : 3,869,000,000.00

Additional GST ₹ : 1154606

Refund ST/GST, ₹ : N/A

Parent Policy Number : 42040044190300000048

Policy Duration : /

Change in Policy Risk Attributes	Parameter Name	Changed Value	Old Value
1	Estimated Construction Period To	10/05/2022	10/11/2021
1	Probable date of completion of construction	10/05/2022	10/11/2021
1	Policy Start Date CR	01/11/2021	24/12/2019
1	Original Project End Date	10/05/2022	10/11/2021
1	Length of the Risk(km)		N/A
1	(*Technical Discount	0	0
1	Policy Status (Deactivation)	0	0
1	Special conditions/warranties		N/A

It is hereby understood and agreed that the endorsement on policy 42040044190300000048 will be in effect from 01 November 2021.

Reason : Project period enhanced by six month subject to total period not exceeding 84 months.

Extended period - 11/11/2021 - 10/05/2022

Premium and GST Details

Premium	Rate of Tax	Amount
858,919.00	9	77303

Policy No : 42040044190300000048 Document generated by 22702 at 01/11/2021 17:12:20 Hours.

Regd. & Head Office: New India Assurance Bldg, 67 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No 1 800 209 1415.

UPG-03: WC Policy Valid till-03-04-2022 and CAR Policy Valid till-10-05-2022

IFFCO-TOKIO
INTERNATIONAL FIRE & MARINE INSURANCE CO. LTD.

IFFCO - TOKIO GENERAL INSURANCE CO. LTD.
Regd. Office: IFFCO SADAN, C11 Dist Centre, Saket, New Delhi- 110017

Workmen's Compensation Policy Schedule

Cum Tax Invoice

ORIGINAL FOR RECIPIENT

GST Applicable

Servicing Office:
ITOI-STRATEGIC BUSINESS UNIT: CHANDIGARH
IFFCO COMPLEX PLOT NO. 2 (B & C) SECTOR-28A, MACHYA MARG, CHANDIGARH-160018, Fax: 0172-2658745
Pin: 0172-2658530, 2640780, 2640784
State Code: 04 GSTIN: 04AAAC7573H1ZK
General Insurance Services : 997133

Insured's name : GAWAR CONSTRUCTION LIMITED

Address : DSS 378, SECTOR 16-17 HISSAR, JHARKHAND

State Code/Place of Supply : 06 Country Name : India GSTIN : 06AADC01026A1ZM

Phone Number : C/N No. : Agent No. 13001945 ITO

Asst. Name : CHRENDER

Unique Invoice No. : 43246139

Policy No. : 43246139

Date of Insurance : 18/11/2021

Policy effective from 0001 hrs 19/11/2021 To Midnight 18/11/2022

Taxable Value	CST	SGST	IGST	CESS
Rate	0.00	0.00	18.00	0.00
Amount	10317.81	0.00	1857.21	0.00
Total Tax			₹1857.21	
			Total Value	₹12175.02

Sr. No.	Category of Employee	Estimated Total Wages, Salaries and other s	Rate (%)	Premium without Service Tax (Rs.)
1	50 Skilled UP TO 15000	6130800.00	0.0905	5548.37
2	30 Semi-Skilled UP TO 15000	3285360.00	0.0904	2989.97
3	20 Un-Skilled UP TO 15000	1285960.00	0.0904	1199.47
	Overall Total Wages			11438725.00

Additional Classes / Endorsements / Other details if any

Classification No. 402 End No. 124

Nature of Work: Road Paving, Tarring and Road Making

Signature Not Verified
Digitally signed by SUBRAT KACHHAR, Date: 2021.11.18 13:19:41 IST, Reason: Valid Policy Copy
Location: IFFCO Tokio General Insurance Company Ltd, India

Workmen's Compensation (UIN : IRDAN108CP055B/01201819)
Attaching to and forming part of Policy Number 43246139
Show Signature Preset - Click on "Show signer's Certificate" - Go to Tab "Tool" - Click on "Add to Trusted Certificate" - Click on "OK" - Click on "Close"

ICICI Lombard
Insurance Broker

Endorsement Schedule of Contractor All Risk

We value your relationship with ICICI Lombard. We thank you for preferring us as your engineering insurance partner. We write to this on the basis of your request vide letter for correction in respect of below subject matter.

Name : M S GAWAR CONSTRUCTION LTD. AND OFFICE OF THE CHIEF ENGINEER EXTERNALLY AIDED PROJECTS UP PWD LUCKNOW (INDIA)

Address : S-01, Jind Galleria, Sohna Road, Sector - 48, Gurugram 122001, Gurgaon Haryana Pin- 122001

Financier Name : Branch : Agreement Type : NA Hypothecation

Office Name : FARIDABAD

Policy Number : 5004/187381274/00/000 (TRUE COPY)

Period of Insurance : From: 04/11/2018 Time: 00:00 Hours To Midnight of 03/11/2021

Non-Liable Period : From: 04/11/2021 Time: 00:00 Hours To Midnight of 24/11/2021 (TRUE COPY)

Endorsement No : 5004/187381274/00/008

Effective time and date: 27/11/2019 00:00 Hours - 04/11/2021 23:59:59 Hours

Date of issue : 04/11/2019

Non Liable Period Start Date: 26/11/2019

Intermediate Code : 300007716226

Notwithstanding anything to the contrary contained in the policy, it is hereby declared and agreed that the policy stands amended for the reasons given below:

Endorsement wording : At the request of insured, that the policy period is extended from 04/11/2021 To 03/02/2022

Non Liable Period : 04/11/2021 To 24/11/2021

In consideration of the above, extra premium amounting to Rs.1,428,685/- as shown below is charged from the insured.

All the other terms, conditions & warranties of the policy remain unaltered.

Premium Break Up	(Rs.)	Premium (Rs.)
*Total Premium		
*Premium value mentioned above is inclusive of taxes applicable		1,428,685.00

GSTIN Reg. No: 06AAC7994G1ZB
JL GIC GSTIN Address : Tower D, Twelfth Global Business Park Mahrauli Gurgaon Road Gurgaon Haryana 122002
HSN/SAC code : 897139 - GENERAL INSURANCE SERVICES
IRDA Registration No: 118

Subject otherwise to the terms, conditions, exclusions, limitations and warranties attached to the within mentioned policy.

All amounts are in Rs.

Authorised Signatory
ICICI Lombard General Insurance Company Ltd.

UPG-04: WC Policy Valid till-18-11-2022

CAR Policy Valid till-03-02-2022

22.2.3 Aggregate Procurement

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

22.2.4 Borrow Areas

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

Table-C: Summary of the selected Borrow Areas of the Contractors w.r.t EMAP.									
Contract Package	Total No. of Borrow Areas Identified	No. of Borrow Areas approved w.r.t. EMP	No. of Borrow Areas				Rehabilitated	Balance for Rehabilitation	DC's Permission for borrowed Qty.
			Exhausted	Ongoing	Yet to be started	Qty. still Balance for use			
UPG-01	36	33	33	0	0	0	33	NIL	33
UPG-02	47	38	38	0	0	0	38	NIL	38
UPG-03	45	38	33	3	2	0	28	5	28
UPG-04	45	36	30	1	3	2	25	5	23
Total	173	145	134	4	5	2	124	10	122

Note:

UPG-01 & UPG-02: both the Contractor has submitted the NOC for all the exhausted borrow pits.

UPG-03: Out of 45 BA; 38 (5+3) approved; Exhausted 33(5+3); [(5+3) represents as (5-Owner not agreed) + (3-Crop standing) = 08; these 8 Borrow Pits eventually considered as Closed];

22.2.5 Unresolved Issues:

UPG-03 Gola-Shajahanpur: Coal Unit established at base camp, NCR-9 issued to comply with CTO's conditions. **Not Resolved.**

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

UPG-02 The project site visited along with Client and Forest Dept., approx.300 saplings planted during the month of Oct-21.

UPG-03 Appropriate amount is being withheld against the performance security for NCR-09 from respective IPC w.r.t work done by HMP.

UPG-04 Ground Water Permission: NOC Granted by Uttar Pradesh Ground Water Department (UP-GWD); Valid up to 23/09/2026; NOC Certificate no. NOC011719 from date 18/01/2021.

22.2.5.1 ESHS Cell/ Staff:

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

Table D: ENVIRONMENT MANAGEMENT SYSTEM CELL						
ORGANISATION		UPG-01		UPG-02	UPG-03	UPG-04
(i)	Environment Cell (Employer)	MR. MUNNI LAL VERMA (Environment & Social Specialist - Executive Engineer; Mob.No.+91 9450577618) Dr. SEEMA SRIVASTAVA (Independent Consultant - Environment; Mob. No.+91 8887896070) Mr. P.N.ROY (Independent Consultant - Social; Mob. No.+91 9779117558)				
(ii)	Supervision Consultant (PMC/AE) at Team Leader Office	Mr. DEVBRAT SINGH (Environment Specialist - Mobilized on 13th April 2019; Mobile No.+91 9900034246; Mail ID: devbrat.s@egis-india.com)				
(iii)	Jr. Environment Specialist (AE) at Resident Engineer Office	Jr. Env. Spl.: Mr. Adish Jain Demobilized	Jr. Env. Spl. Mr. Karamveer Rana; (Resigned (Oct-19)/ Demobilized)	Jr. Env. Spl.: Mrs Archana Gupta; Mob. No. +91 7838379982 (From 17-06-2020)	Jr. Env. Spl.: Mr.Shiv Kumar Pipal; Mob. No. +91 7827742923 (From 24-02-2020)	
(iv)	Contractor's ESHS Officer:	Mr.Vishnu Prajapati; Demobilized	Mr.Vijay Sigh Rajput; Mob. 8077181209 (Demobilized in July-2020)	Mr. Ashok Kumar; Mob.7081205007) Appointed as EHS Officer (From 18-06-2020).	Mr. Shashikant Sharma; Joined 20-01-2021; Not available from July-2021	

NOTE:UPG-04 Contractor has been advised to appoint new EHS officer at earliest.

22.2.5.2 Tree/ Avenue Plantation

The locations and Plantation methodology is approved for all the EPC Contract Packages. MOU with nursery/ forest department has been mutually agreed as sufficient saplings are available. UPG-03 - Tree guards are manufactured within camp premises and being fixed for all planted trees; UPG-01 & UPG-04 – both the Contractor has been advised for providing Tree Guard in conformity of IRC-SP-21; The proposed compensatory plantation are as below:

Table-E: Tree/ Avenue Plantation Status (In Numbers)					
Package	No of Trees Cut	Trees as per CA	Length in Km	Completed	Balance
UPG-01	54436	16952	26.354	16952	0
UPG-02	2456	4912	Forest Dept.	300	4612
UPG-03	6219	10578	14.37	10578	0
UPG-04	11079	31334	21.793	8500	22834
TOTAL	74190	63776	62.517	36330	27446
UPG-01: 8476 Trees and 45960 saplings were cut; UPG-02: Plantation taken-up by Forest Department; UPG-04: In 4-lane section 850m length proposed for Shrub Plantation; (Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021). Out of 31334 Saplings stretch for approx. 26500 Saplings has been approved.					

22.2.5.3 Rainwater Harvesting

The locations for RWH is finalized for all ongoing EPC Contract Packages. RWH work yet not initiated by any of the Contractor as the civil works is under progress and ROW is required to be clean for RWH.

Table-F: Rain Water Harvesting Structures Status				
Package	RWH Progress Status (In Numbers)			
	Approved	Completed	In-progress	Balance
UPG-01 Hamirpur-Rath	42	42	0	0
UPG-02 Garautha-Chirgaon	25	25	0	0
UPG-03 Gola-Shahjahanpur	114/89	29	21	64
UPG-04 Badaun-Bilsi-Bijnour	122	40	35	47
Total	303	136	56	111
Note: UPG-03- 41 under progress RWH Str. Are completed except placement of Cover slab; 25 str. Are descope as the ground water level is high and w.r.t specifications the RWH cannot be constructed; UPG-04 35 under progress RWH Str. Are Completed except some pending brick works of Tank & placement of Cover slab;				

22.2.5.4 Flyash

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

22.2.5.5 Environmental Enhancement

UPG-01 Enhancement Work completed at all three locations.

UPG-02 Both environmental enhancement site works are completed.

UPG-03 Revised Drawing rewied and approved by AE; Construction of bathing Ghatat Pond – Completed except finishing work.

UPG-04 Revised Drawing has been rewied and approved by AE; Proposed enhancement at Dehpa Temple – New Hawankund - under progress, Existing Temple enha. (wall & Slab & 1 Chabutra-Completed); Construction of bathing Ghat at Pond – Completed except finishing works;

Package	Table-H: Status of Environmental Enhancement in Numbers							
	Numbers	Chainage	side	Existing Structure	Trees with Guard	Bench	Bathing Ghat	Status
UPG-01	3	5+300	LHS	Temple	10	NIL	NIL	Completed at Ch.74+623
		5+800	RHS	Pond	15	NIL	NIL	Completed At Ch.9+800

		7+700	RHS	Temple	25	4	NIL	Completed
UPG-02	2	123+000	LHS	Temple	4	3	NIL	Completed
		165+000	LHS	Temple	4	4	NIL	Completed
UPG-03	3	9+300	RHS	School	16	NIL	NIL	Completed
		28+000	LHS	Pond	NIL	4	1	Finishing In-progress;
		52+000	LHS	School	15	NIL	NIL	Completed
UPG-04	2	61+500	LHS	Pond	NIL	4	1	In-progress
		103+300	LHS	Temple	NIL	0	NIL	In-progress
Total	10	0	0	0	89	19	2	

Note: UPG-01: Drawings reviewed & approved by AE. Site shifted 5+300 to 74+623; 5+800 to 9+800; 7+700 – No change (Ref. GHV letter no.810 dt.16-04-2021); UPG-04- Temple work includes the strengthening of the slab of existing temple; Construction of Hawankund Shed and Seating arrangement;

22.2.5.6 Other Construction Work Sites Related Issues:

UPG-01: Provisional Completion Certificate (PCC): “The Engineer” has issued the PCC with effect from 12th July-2021 and further Final Completion Certificate was issued on 12th August 2021; The Project is under Operation and Maintenance Phase. The O&M Phase activities shall be 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-01st April-2021 which is reviewed and approved as the Contractor has incorporated the EMP works and procedure of maintenance during O&M period (Ref. EGIS/1272 dt.20/04/2021)) – No Issue.

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

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

UPG-03: DFO South Kheri demanded the provisions of 3 (Ch.12+870, Ch.13+546 & Ch.15+205, – Wild Animal /Cattle Animal 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. CUP works are completed at all 3 locations except the chain-linked fencing along the forest boundary. The Draft Report on provisions of Cattle underpass at Reserve Forest Area has been prepared and submitted to Authority.

Redevelopment of Exhausted Borrow Area:

UPG-03 & UPG-04 EPC Contractors the redevelopment works of exhausted borrow area - satisfactory.

Removal of Construction Waste/ unserviceable Materials: **UPG-01-** Final closure NOC for Contractor’s Camp at Ch.14+200 and Ch.57+000 is awaited. **UPG-02–** Final Closure NOC received. **UPG-03** Two waste disposal sites are identified & approved, disposal of materials started. **and UPG-04** the removal and

safe disposal of unserviceable materials is in progress; Waste materials are being stock piled within ROW and designated locations within Camp Area (Ch.102+200).

22.3 ESMP/ESIP - Rating to the Contractor on Field Assessment:

All Contractors are following the Environment and Social Implementation Plan (ESIP) to protect the surrounding environment at both on site and off site to limit and minimize the damages from pollution and other activities of construction.

Table-I: The Performance of Contractors in this month					
Package	Contractor	E&S	OHS	Total - ESHS Performance	Ranking
UPG-01	M/s GHV (India) Pvt. Ltd.	Project Completed			NA
UPG-02	M/s NKC Projects Pvt.Ltd.	Project Completed			NA
UPG-03	M/s APCO Infratech Pvt. Ltd.	9	9	18	1
UPG-04	M/s GAWAR Construction Ltd.	8	6	14	2
Total		17	15	32	
Abbreviation:	E&S: Environment and Social; OHS: Occupational Health and Construction Safety				

Note: The above numbers have been marked out of 10 for each activity based on input from our Field Key Staff.

22.4 Construction Stage Monitoring

The Authority Engineers' (AE/PMC) Junior Environmental Expert of ongoing Project Office being regularly monitored and ensure the compliance in conformity of Contract Environmental Management Plan (EMP).

22.5 Construction Site Management

22.5.1 Compliance Status of Environmental Safeguard

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

TABLE-J: STATUTORY PERMIT

S. No.	Key ESMP/Contract Agreement Requirements	Licensing Authority	UPG-01	UPG-02	UPG-03	UPG-04
1	Forest Clearance	Forest Department	Obtained for Stage-I Stage-II awaited	-	Obtained for Stage-I Stage-II awaited	Obtained for Stage-I Stage-II obtained on 10.1.2019
2	Tree Cutting Permission from concerned Division	State Forest Department	Permission obtained	Permission obtained	Permission obtained	Permission obtained
3	Approved Contractor Environmental & Social Management Plan (C-ESMP)	Contractor	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website.
4	Labour License	Labour Department	Available-Validity 03/09/2019 to 02/09/2022 (Renewed)	Available-Validity 26/04/2018 to 26/04/2022 (Renewed)	Available-Validity 02/01/2020 to 10/11/2022 (Renewed)	Available-Validity 19/11/2019 to 17/11/2022 (Renewed)

5	Workmen Compensation Policy	Insurance Company	Available-Validity till 03/06/2022	Available-Validity till 19/11/2021	Available-Validity till 03/04/2022	Available-Validity till 18/11/2022
6	Contractor All Risk Policy	Insurance Company	O&M Phase Covered	Available-Validity till 01/11/2021 (New Awaited)	Available-Validity till 10/05/2022 (Renewed)	Available-Validity till 03/02/2022 (Renewed)
7	Hot Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
8	Hot Mix Plant - CTO (water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
9	Ready Mix Concrete-CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
10	Ready Mix Concrete - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
11	Wet Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
12	Wet Mix Plant - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
13	DG Sets	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2022 (Renewed)	Available-Validity till 31/07/2022
14	Ground Water Permission	Central Ground Water Authority	3rd time Applied to DC w.r.t new guidelines - Permission Awaited	Demobilized	CGWA permission available-Validity 04/05/2020 to 03/05/2022	3rd time Applied to DC w.r.t new guidelines - Permission Awaited
15	Hazardous Waste Management Permission	UPPCB	M/s Kathooria Petro Products engaged for oil & grease.	M/s Kathooria Petro Products engaged for oil & grease.	Bharat Oil & Waste Management Ltd.	M/s RAMKY Waste Management Unit
16	HSD Storage- DC Permission/ IOCL	DC & PESO	DC permission is available. (Valid till Project Period)	Demobilized	PESO permission dated 02/03/2020 is available. (validity till 31/12/2022)	PESO permission dated 09/12/2019 is available. (validity till 31/12/2022)(Renewed)
17	PUC Certificates	State Transport Department	Available	Available (O&M Vehicles & Machineries)	Available	Available
18	Borrow Area Permission	DC (Mining Department) and SEIAA	Closed	Closed	Farmers MOU & Mining permissions available for all borrow pits	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission

					SEIAA permission now not required	now not required
19	Quarry/Crusher Permission (Entire Aggregate materials are being out sourced by all UPCRNDP Contractors)	Dept. of Mines & Geology and State PCB	Closed	Closed	Lease Document & CTO is available for out sourced materials	Lease Document & CTO is available for out sourced materials
20	ISO 14001 and OHSAS 18001 certification (within one year from the award for contract)	Authorized ISO Certifying Agency	Obtained -'ISO 14001 and ISO 18001 Valid till 07/11/2021	Not Applicable	Obtained -'ISO 14001 Valid till - 27/08/2023 and ISO 18001 Valid till 11/03/2021: 29/03/2024 (Renewed)	Obtained -'ISO 14001 and ISO 18001 Valid till 10/02/2024
21	Signing Code of Conduct	Contractor	Signed	Not Applicable	Signed	Signed

23 CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT

S.No.	REQUIRED DATA		UPG-01	UPG -03	UPG-04	UPG-02	TOTAL
	Description	Unit	Month of Nov, 21	Month of Nov, 21	Month of Nov, 21	Month of Nov, 21	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos	12	344	140	16	512
2	Man-hours worked / Day (as above)	Hrs.	120	2752	1680	160	4712
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	2760	63296	52080	3680	121816
PROJECT CRASH DATA REPORT							
1	First Aid Incidents	Nos	0	4	0	0	4
2	Category (a) Incident: Involving Project Person or Project Machinery						
a	Fatal Incidents occurred at construction zone involving Project person/machinery	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
3	Category (b) Incident: Involving Public / Road Users adjacent to Work zones						
a	Fatal Incidents occurred at construction zone involving public	Nos	0	0	0	0	0
b	Major Injury	Nos	0	0	0	0	0
c	Minor Injury	Nos	0	0	0	0	0
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
4	Category (c) Incident: Involving Public / Road Users beyond Work zones						
a	Fatal Incidents occurred at non-construction zone involving Public	Nos	3	0	0	0	3
b	Major Injury	Nos	2	0	3	0	5
c	Minor Injury(Road Incident Data)	Nos	2	1	3	0	6
d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0

PROJECT ROAD SAFETY IMPLEMENTATION STATUS							
1	Road safety education and training	Nos	1	4	5	1	11
2	Percentage of compliance to unsafe acts & unsafe conditions	Nos	100%	-	100%	100%	100%
3	Number of Mock drill conducted	Nos	0	0	0	0	0
4	Awareness program conducted (Award / Reward to Worker / Engineers)	Nos	1	0	0	1	2
5	General Health checkup	Nos	1	0	0	1	2
Note:- All data as provided by the Contractor and verified by AE's Field Staff. UPG-01 and UPG-02 Project Completed; O&M Period is Under Progress.							

23.1 Road Safety Project Implementation Status

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

CERTIFICATION & IMPLEMENTATION OF ISO STANDARDS

1	UPG-01 HR-SH-42	ISO 14001 & ISO 45001	GHV/Site/SH-42/Rath/559 Dated 05-10-2020	ISO 14001 and ISO 45001 Valid till 07/11/2021
2	UPG-03 GSP-SH-93	ISO 14001 & ISO 18001	APCO/WB-UPPWD/EGIS/ST/291 Dated 05-09-2020	ISO 14001 Valid till - 27/08/2023 and ISO 18001 Valid till 11/03/2021
3	UPG-04 BBB SH-51	ISO 14001 & ISO 45001	GCL/Camp/SH-51/BBB/2021/518 Dated 12-02-2021	ISO 14001 Valid till - 10/02/2024 and ISO 45001 Valid till 10/02/2024
4	UPG-02 G-C SH-42	Project Completed -Not Applicable	NIL	NIL

CURRENT MONTH AE'S OBSERVATIONS & COMPLIANCE STATUS

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

ROAD SAFETY EDUCATION & TRAINING FOR ALL PROJECT EMPLOYEES

Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-01-HR-SH-42	Safety Induction (First-aid, Use the PPE's, & Working at heights)	GHV& EGIS (HSE)	8
2	UPG-01-HR-SH-42	Use the PPE's	GHV& EGIS (HSE)	80
3	UPG-01-HR-SH-42	Tool box talk	GHV& EGIS (HSE)	350
4	UPG-01-HR-SH-42	First-aid Training	GHV& EGIS (HSE)	4
5	UPG-01-HR-SH-42	Fire Extinguisher Inspection & Training	GHV& EGIS (HSE)	6
6	UPG-01-HR-SH-42	Vehicle Inspection & Training	GHV& EGIS (HSE)	13
S.No.	Project Name	Description of Program	Training provided by	No. of Person
1	UPG-02 G-C SH-42	Project Completed: Training on "How safely working on live road"	NKC & EGIS	20
S.No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-03 GSP-SH-93	Using the PPE's during work at height & Maintain Housekeeping	APCO & EGIS (HSE)	08
2	UPG-03 GSP-SH-93	Using the PPE's during work at height & Maintain Housekeeping	APCO & EGIS (HSE)	08
3	UPG-03 GSP-SH-93	Health & Hygiene training & Covid-19 awareness	APCO & EGIS (HSE)	16
4	UPG-03 GSP-SH-93	Safe Driving Procedure & Covid-19 awareness training	APCO & EGIS (HSE)	20

5	UPG-03 GSP-SH-93	HIV/AIDS Awareness program & General Health Checkup	APCO & EGIS (HSE)	50
6	UPG-03 GSP-SH-93	During working at Height using the platform & Use the PPE's Training	APCO & EGIS (HSE)	11
7	UPG-03 GSP-SH-93	During Reinforcement work using the PPE's	APCO & EGIS (HSE)	9
8	UPG-03 GSP-SH-93	Handling of crane and girder signal	APCO & EGIS (HSE)	13
9	UPG-03 GSP-SH-93	Safety Precaution of Girder Erection	APCO & EGIS (HSE)	13
10	UPG-03 GSP-SH-93	Work at height using the plate form and PPE's	APCO & EGIS (HSE)	8
Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-04 B-B-B SH-51	Safe driving and types of road signage awareness	GAWAR & EGIS (HSE)	18
2	UPG-04 B-B-B SH-51	Covid 19 vaccination awareness	GAWAR & EGIS (HSE)	25
3	UPG-04 B-B-B SH-51	Flagman training	GAWAR & EGIS (HSE)	06
4	UPG-04 B-B-B SH-51	Covid 19 awareness	GAWAR & EGIS (HSE)	17
5	UPG-04 B-B-B SH-51	material handling and ladder safety	GAWAR & EGIS (HSE)	11
ROAD SAFETY INSPECTION BY AE's HSE TO PROJECT WORKING SITE				
S.No.	Project Name	Description of Program	Training provided by	Condition
1	UPG-01-HR-SH-42	Plant & Equipment Inspection Done	GHV & EGIS (HSE)	Satisfactory
2	UPG-01-HR-SH-42	Site SHE Inspection	GHV & EGIS (HSE)	Satisfactory
3	UPG-01-HR-SH-42	Electrical Inspection	GHV & EGIS (HSE)	Satisfactory
4	UPG-01-HR-SH-42	Work at Height Inspection	GHV & EGIS (HSE)	Satisfactory
Sl. No	Project Name	Description of program	Training provided by	Condition
1	UPG-02 G-C SH-42	Project Completed: Inspection of all work site done by UPG-01 Staff	NKC & EGIS	Satisfactory
Sl. No	Project Name	Description of program	Training provided by	Condition
1	UPG-03 GSP-SH-93	Fire Extinguisher Inspection	APCO & EGIS (HSE)	12 Cylinder
2	UPG-03 GSP-SH-93	Vehicle Inspection	APCO & EGIS (HSE)	60 Machineries & Vehicles
3	UPG-03 GSP-SH-93	Plant & Equipment Inspection Done	APCO & EGIS (HSE)	Satisfactory
4	UPG-03 GSP-SH-93	Electrical Inspection	APCO & EGIS (HSE)	Satisfactory

5	UPG-03 GSP-SH-93	Site SHE Inspection	APCO & EGIS (HSE)	Satisfactory
6	UPG-03 GSP-SH-93	Housekeeping Inspection	APCO & EGIS (HSE)	Satisfactory
7	UPG-03 GSP-SH-93	Plant & Equipment Inspection Done	APCO & EGIS (HSE)	Satisfactory
8	UPG-03 GSP-SH-93	Electrical Inspection	APCO & EGIS (HSE)	Satisfactory
9	UPG-03 GSP-SH-93	Site SHE Inspection	APCO & EGIS (HSE)	Satisfactory
10	UPG-03 GSP-SH-93	Work at Height Inspection	APCO & EGIS (HSE)	Satisfactory
11	UPG-03 GSP-SH-93	Fire Extinguisher Inspection	APCO & EGIS (HSE)	Satisfactory
Sl. No	Project Name	Description of program	Training provided by	Condition
1	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection	GAWAR	8 CYLINDER
2	UPG-04 B-B-B SH-51	Vehicle Inspection	GAWAR	16 Nos.
3	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	GAWAR	Satisfactory
4	UPG-04 B-B-B SH-51	Electrical Inspection	GAWAR	Satisfactory
5	UPG-04 B-B-B SH-51	Site SHE Inspection	GAWAR	Satisfactory
6	UPG-04 B-B-B SH-51	Housekeeping Inspection	GAWAR	Satisfactory
7	UPG-04 B-B-B SH-51	Plant & Equipment Inspection Done	GAWAR	Satisfactory
8	UPG-04 B-B-B SH-51	Electrical Inspection	GAWAR	Satisfactory
9	UPG-04 B-B-B SH-51	Site SHE Inspection	GAWAR	Satisfactory
10	UPG-04 B-B-B SH-51	Work at Height Inspection	GAWAR	Satisfactory
11	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection	GAWAR	Satisfactory

24 **SOCIAL MONITORING AND COMPLIANCE REPORT**

Introduction

The current report is the monthly Social Safeguard Monitoring Report prepared to comply with the loan covenants covering the period till November, 2021 and with the implementation arrangements agreement between World Bank and UPPWD. The main objective of this report is to highlight the major activities related to Land Acquisition and resettlement under taken across all the packages during the reporting period. As a key part of its Social and Safeguards Contract Scope of works, the PMC Social Expert is required to submit a monthly & quarterly report for the task carried out during the project Implementation.

Progress on resettlement activities has been achieved except the training.

Out of Four Packages only one namely UPG-03 requires land acquisition. The other packages UPG-01, UPG-02 & UPG-04 involves resettlement of Non-Title Holders only. The compensation of NTH Disbursement of Structures Compensation & R&R Assistance Squatters & Encroachers 100% & for Kiosks also 100% has been disbursed. The land acquisition will impact nearly 92 Title Holders in UPG-3 (Gola-Shajahanpur). The revised estimate will require only 2.7818 ha of land as per the field condition. Revised nos of TH affected as on date will be affection only 84 TH. The project will require revised land of about 2.7818 ha of private land for completion of bridge approaches, out of which 2.6867 Ha has been already acquired till month 2021. Total 97% of the proposed private land has been acquired and the balance land of 0. 0.0951 is under process because of the loan taken by some TH and are unable to get the NOC from the bank. All the resettlement planning documents related to above projects were disclosed.

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

RP Implementing NGO

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

The Overall Summary

Table 1: Proposed Roads in Phase-I

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

Table 2: Impacts of the Project

Sl. No	Name of the Road	Title Holders	Non-Title Holder	Cultural Property Resources (CPR)
1	Hamirpur-Rath Road	-	439	13
2	Garautha – Chirgaon Road	-	122	2

3	Gola-Shahjahanpur Road	92*	139	17
4	Badaun-Bilsi-Bijnaour Road	-	35	11
Total		92*	735	43

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

Table 3: Status of Disbursement (SQ&EN)

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

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

***UPG 01-** Disbursement completed to kiosks; balance disbursement amount to 19 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 19 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

***UPG 02-** Disbursement completed to kiosks; balance disbursement amount to 2 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 2 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

***UPG 03-** Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by

the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category

***UPG 04-** Disbursement completed to kiosks; balance disbursement amount to 9 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs/villagers that these 9 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

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

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

*** UPG 01-** Disbursement completed to kiosks; balance disbursement amount to 19 number of kiosk are not required as they are not traceable, repeated verification for same has been done by NGO and PMC. It has been confirmed by the other PAPs that these 19 kiosks have been shifted somewhere else. The same has been jointly verified with PWD, PMC, Contractor and villagers. Therefore, no disbursement is pending in this category.

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Progress of Land Acquisition

Land acquisition under the project is being carried out as per the Government order number 2/2015/215/Ek-

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

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

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

The detailed status of acquisition of land is as under:

Status of Land Acquisition

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

Status of Pending Land Compensation

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

Institutional Arrangement and Implementation Mechanism

Public Works Division (PWD)

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

ENVIRONMENT SOCIAL MANAGEMENT SYSTEM CELL

ORGANISATION		UPG-01	UPG-02	UPG-03	UPG-04
(i)	Social Cell (Employer)	MR. MUNNI LAL VERMA (Environment & Social Specialist - Executive Engineer; Mob.No.+91 9450577618) Mr. P.N. Roy (Independent Consultant - Social; Mob. No.+91 8887896070)			
(ii)	Supervision Consultant (PMC/AE) at Team Leader Office	Dr. Sudesh Kaul (Social Specialist - Mobilized; Mobile No.+91 9818053030; Mail ID: Sudesh.k@egis-india.com)			
(iii)	Asst. Social Specialist at Team Leader Office	Mr. Bikram Singh Mob. No. +91 9810670722			

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

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

Revenue Department

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

PMC

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

Resettlement Plan Implementing NGO

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

Table 7: Preparation and Distribution of ID Cards

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

Status of CPRs

It is communicated to the UP PWD, PMC and the contractor that out of 43 CPRs for which the consent as well as site has already been identified only 35 are physically relocated and the rest 8 CPRs is under Construction. The Contractor should take proactive action for completion of shifting of balance CPRs at the earliest.

Table 8: Status of CPRs

Package	Status of CPRs Structures in Numbers						
	CPRs to be Relocated		CPRs Relocation Sites Finalization & Progress				
	As per RAP	As per Joint Verification	Consent Received / Site Finalized	Drawing Finalized	Relocated / Enhancement	In progress	Balance
UPG-01	20	13	13	13	13	0	0
UPG-02	4	2	2	2	2	0	0
UPG-03	16	17	17	17	14	3	0
UPG-04	20	11	11	11	9	2	0
Total	60	43	43	43	38	5	0

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

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

UPG-03- In CA 9 CPR structures are listed; total 17 structures are identified for relocation. All Design-drawing and construction plan with minor corrections are approved for relocation. Construction Works in progress.

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

Status of Implementation of Income Restoration Activities

The NGOs contract was up to April and one major task of Income restoration is still pending. The extension of time is granted to the NGO up to August,21 to complete the training to the affected persons.

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

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

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

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

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

INCOME RESTORATION PROCESS

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

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

IEC Campaign and Awareness Generation Program Imparted No

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

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

Project Covenants and Compliance

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

Grievance Redressal Mechanism

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

Grievance Redress Cell Setup under ESDC

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

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

The Functions of the GRC

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

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

Registration of Grievance

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

Grievance during the month

No grievance has been reported during this month.

FIELD OBSERVATION DURING THE CURRENT MONTH:

- ❖ The NGO representative was made aware regarding the importance of the consultation/ training and the NGO assured that the consultation/training shall be conducted shortly and other documentary evidences pertaining to the same shall be circulated to both the client and the supervision consultant.

Good Practices Observed /Recommended

Following good practices has been observed / recommended while the field visits:

- ❖ Online transfer of compensation and R&R assistance to the PAPs bank account is being carried out under the project which result in promotion of online transaction of financial dealing and also result in low risk of theft and error.

COMPONENT PART- C

PROJECT MANAGEMENT SERVICES (TIME BASED)

25 **PART-C COMPONENT**

25.1 OVERALL PROGRESS OF UPCRNDP – PMC's SCOPE

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

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

Risk Management Status as on 12.11.2021 is tabulated as follows:

Risk #	Risk #	Risk Title	Consequences/Impacts	Risk Owner	Risk Sev.	Risk Mitigation Plan/Action Taken
1	Technical	Access to Land	Cost/Time	Authority		Land made available to Contractor well in advance
2	Technical	Relocation of Utilities	Cost/Time	Authority		All utilities to be relocated outside the ROW in time
3	Technical	Rehabilitation of Common Property Resources	Affect the schedule, and may result in delay	All	H	Coordinate with Gram Panchayat, Authority and UPPWD and NGO to acquire land outside the ROW to relocate CPR's and early submission of construction drawings for approval
4	Technical	Environment 1. Construction of Rain Water Harvester. 2. Tree Plantation	Affect the schedule and delay of project	Contractor	H	RWH & Tree Plantation with Tree gurat to be expedited by UPG-04 for timely completion of Project;
5	Technical	Contractor to get approval for all revised drawing. Bridge Construction Work interrupted due to revised design and late submission of supporting documents. Contractor proceeded with works without AE approval of design.	Time/Cost impact	Contractor	H	Contractor to appoint experienced design engineer and supporting staff and provide all design well in advance to review and approval from PMC. Recovery plan to be submitted with Additional Resources

6	Technical	Delay associated with renewing approval of construction materials - asphalt mix, & Supply of asphalt mixes with their approval certificate expired	Cost impact to contractor, delay the schedule	Contractor	M	Regularly check the status of their certificates to ensure suppliers license is valid, liaise with MED. To get the right source & should not change
7	Technical	Delay of submittal approvals, work programs, construction programs, etc.	Time & cost	Contractor / Engineer	M	Contractor to submit in advance as Consultant require 2 weeks for review submittals to Authority Engineer
8	Technical	A. Inadequate traffic diversion/ management plan (approval) and lighting during the construction period B. Traffic diversions for Bridge expansion joint replacements	Time, cost of new diversion & traffic approval issues	Consultant & contractor	M	Contractor to coordinate with relevant stakeholders to attain approval
9	Safety	Road Diversion	Serious injury / public fatalities and workers	Contractor/ AE	H	Provide the alternate temporary diversion road, working area should be barricaded. Necessary traffic safety sign board and warning lights to be placed, Water should be sprinkle on the ground based on atmospheric condition. Provide face Mask and safety glass in addition to PPE. Safety Checklist to be submitted with RFI prior to starting any works on the Live carriageway.
10	Technical	Fixing of ROW Pillar ,Km ,5th kmand hectometer stone	Time Impact	Contractor	M	Organise meeting with land department, get coordinates and request for early marking.
11	Safety	Unload and load, Handling of materials and equipment using Crane and 6 wheeler Trailer Truck.	Serious onsite injuries / illness, Two or three permanent incapacitating on site	Contractor	H	Driver should be competent and third party certified. Place warning signs and barricade the lifting area. Lifting plan to be followed strictly. Usage of PPE kit.
12	Technical	Casting of kerb at Buslaybye and trucklay bye and fixing of Bus shelter	Time /Cost Impact	Contractor	M	Contractor to engage extra manpower to complete the work
13	Safety	Road marking and fixing of Road furniture ant traffic calming Measures in urban Area	Time/cost Impact/Risk for commuters	Contractor	M	Contractor to engage additional resources and manpower to complete the work. Contractor to monitor on daily basis.
14	Technical	Change of Scope	Cost &Time Impact/overall completion of project	Contractor	M	All COS for project to be submitted by contractor to the AE for their review and recommendation to the authority.

15	Technical	Delay construction in Mohammadi Urban Area	Time Impact	Contractor	H	During site visit by SE ,has instructed to start the work and the mean time COS submit under Article 13. Contractor to expedite the work and prepare the recovery plan to complete the work in approved schedule
16	Technical	Delay in launching of Composite Girder for minor bridges.	Time Impact	Contractor	M	Contractor has engaged skilled team and suitable machinery to launch the composite girder and other misc.works related to minor bridge slab construction. Contractor to ensure the regular maintenance of Machenory in order to complete the work as per schedule.
17	Technical	Delay in submitting of Re-design of Major Bridgeat ch.25+608	Time Impact	Contractor	M	During Site Visit by TL & DTL and various meetings with UPPWD and contractor, it was istructed to submit re-design of Major bridge asap after signature of proof check consultant and safety consultant. However re-design was submitted and approved basically by AE. Instructed contractor to expedite the work and follow the construction methodology
18	Technical	Delay in casting of Top Slab of Major and Minor Bridges	Time Impact	Contractor	M	Contractor to engage more manpower and plan to work in shifts round the clock and prepare micro program and monitor on daily basis.
19	Technical	Delay in submitting of design for Bus Shalter	Time Impact	Contractor	M	Contractor to submit design for Bus Shalter asap after signature of proof check consultant and procure approved material immediately.
20	Technical	Submission of As-Built drawings and other handing over documents, such as Adoption Forms, O & Ms and Road Performa before completion of the projects.Preparation of all documents and equipments required for Maintenance Period	Inaccurate drawings, project closure delay .Possible delays to maintenance leading to accidents.	Contractor	M	Contractor to engage the 3rd party to certify As-Built early. Timely review, certify and submission. Discuss the progress of As-Built submission in Monthly Progress Prepa Meeting. Preparation in advance of completion.

25.2 Status of Consultancy Services required and Mobilized under UPCRNDP

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

10	Consultancy Services for Independent Quality Auditor for UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	Contract awarded and commencement from 18 th January, 2021.	M/s TUV-SUV South Asia Private Limited
11	Phase-2 of Supervision Consultancy.	QCBS	Prior	<ul style="list-style-type: none"> • Procurement under process. # On 17th April 2021, 15 EOI's received & evaluated by the TEC on July 10-11, 2021. # Received approval from the Project Steering Committee(PSC) constituted by the Government. # The RFP Process is in progress. 	
12	Phase-2 of NGO Services.	QCBS	Prior	<ul style="list-style-type: none"> • Procurement under process. # On 12 July 2021, 12 EOI's received & evaluated by the TEC on Sept 04-05, 2021. # Received approval from the Project Steering Committee(PSC) constituted by the Government. # The RFP process is in progress. 	
13	Consultancy for Internal Auditor (Financial)	QCBS	Prior	Procurement under process. # On 19 July 2021, 18 EOI's received & evaluated by the TEC on Sept 04-05, 2021. # Received approval from the Project Steering Committee(PSC) constituted by the Government. # The RFP process is in progress.	
14	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	<ul style="list-style-type: none"> • Procurement under process. # On 12 July 2021, 10 EOI received & evaluated by the TEC on Sept 04-05, 2021. # Received approval from the Project Steering Committee(PSC) constituted by the Government. # The RFP process is in progress. 	
15	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual)	QCBS	Post	Procurement under process. # The approval on TOR from world bank has been received on 20.11.2021 # The Process of inviting EOI is under progress.	
16	External Evaluation Consultant for RAP implementation	QCBS	Post	<ul style="list-style-type: none"> • Procurement under process. # The approval on TOR from world bank has been received on 13.09.2021 # The Process of inviting EOI is under progress. 	
17	Mid-Term Evaluation/ End-Term Evaluation of Road User Satisfaction Surveys.	QCBS		The draft TOR send to Bank for Approval.	

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

SL No.	Description	Methods of Selection	Review Type	Present Status	Name of Consultant / Firm
1	Up gradation & Maintenance of Rath-Garautha Section of SH-42 (Missing Link)	NCB		Submitted to Govt. for administrative approval and financial sanction.	M/s EGIS India Consulting Engineers Pvt. Ltd. preparing DPR
2	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bansi-Mehandawal-Khalilabad Road (SH-88)	NCB		Submitted to Govt. for administrative approval and financial sanction	
3	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB		Approved by the Government.	
4	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	ICB		DPR send to Bank for No Objection Certificate (NOC).	
5	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	ICB		Final DPR Egis will submitted till 15.12.2021	
6	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	ICB		No Objection Certificate (NOC) from Bank is awaited.	

***ICB- International Competitive Bidding**

***NCB-National Competitive Bidding.**

25.4 Financial Progress of Consultant (PART-C)

Financial Expenditure of PMC Services up to November-2021

PART - C – Up to NOVEMBER 2021 (USD) - CLAIMED AMOUNT

SI No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance (USD)
1	Remuneration for TL	\$1,124,640	\$1,225,501	\$798,194	\$427,307
Gross Amount (Foreign Component)		\$1,124,640	\$1,225,501	\$798,194	\$427,307
2	Escalation			\$45,284	
Grand Total		1,124,640	1,225,501	\$843,478	

PART - C - Up to NOVEMBER 2021 (INR) - CLAIMED AMOUNT

SI No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	52,034,400	43,239,000	13,257,404	29,981,596
2	Reimbursable Expenses	18,552,152	30,896,321	19,435,519	11,460,802
Total		70,586,552	74,135,321	32,692,923	41,442,398
3	Escalation			3,965,577	
Grand Total		70,586,552	74,135,321	36,658,500	