



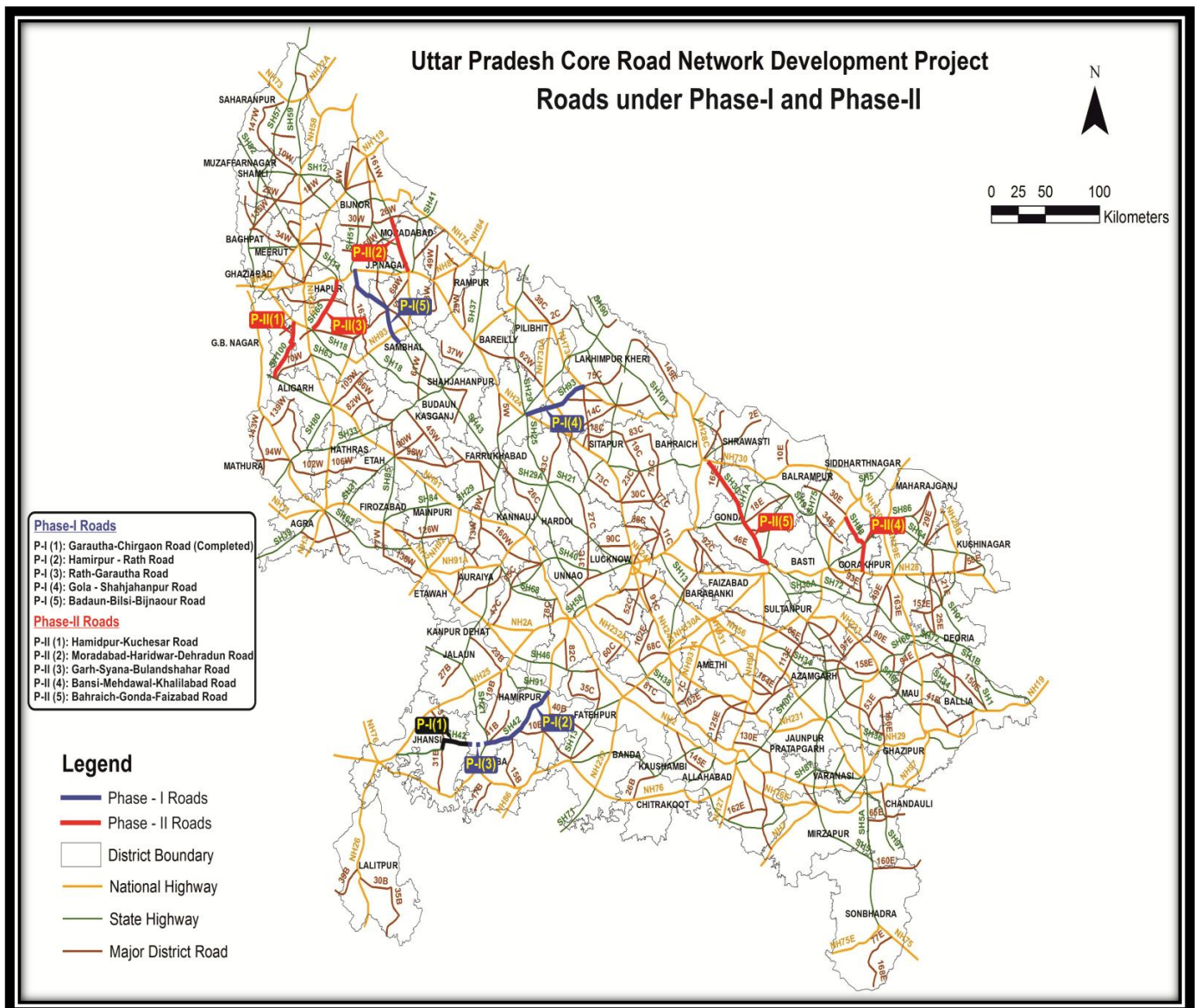
## UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT

### 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. 26

AUGUST - 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:

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

### **2 Project Overview**

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

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

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

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

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

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



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

This **Monthly Report No. 26** is prepared and submitted with respect to Terms of Reference (TOR) for Consultancy Services to Agreement between the Chief Engineer (AEP), 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.
		<b>Total</b>	<b>419</b>		<b>382.622</b>	

**Note:** \*Proposed Roads at sl.no.4 has been added 28 Km 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 Road	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 4<sup>th</sup> December 2020 to Client

- ❖ NOC from World Bank received on 22<sup>nd</sup> December 2020 subject to world bank compliances to be included in the Final DPR;
- ❖ The final DPR has been submitted on 7<sup>th</sup> January 2021 incorporating all comments and revisions as advised by the client and World Bank.
- ❖ Bidding Document are also prepared and submitted on 20<sup>th</sup> 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
<b>Total</b>			<b>225.1</b>	<b>1702.9</b>	<b>193.060</b>	<b>1996.26</b>

### 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	36.170
	Revised Estimated block/indicative Cost (INR Cr.)	444.95
	Inception Report	Submitted on 27 <sup>th</sup> Nov-2019
	<b>DPR Activities</b>	<b>Status of the DPR Works</b>
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 1 Submitted
19	Drawings and Bidding Documents	To be Submitted
20	Contract documentation	Scheduled
21	Packaging	Scheduled
<b>Sl.No</b>	<b>Name of Road</b>	<b>Garh-Syana-Bulandshahar (Km 0.000- Km 49.500)- 4 Lane</b>
	Road Category	SH-65
	District	Bulandshahar
	Proposed Revised length	49.674
	Revised Estimated block/indicative Cost (INR Cr.)	700.74
	Inception Report	Submitted on 27 <sup>th</sup> Nov-2019
	<b>DPR Activities</b>	<b>Status of the DPR Works</b>
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	Rate analysis and Cost Estimation	Submitted
19	Detailed Design Report (DPR)	DPR 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 <sup>th</sup> Nov-2019
	<b>DPR Activities</b>	<b>Status of the DPR Works</b>
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 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)	Submitted
20	Drawings and Bidding Documents	Submitted
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

		<b>converted to National Highway also consultant requested to propose Green Highway with cost analysis for the remaining section)</b>
	District	GautamBudhnagar
	Proposed Revised length	19.109
	Revised Estimated block/indicative Cost (INR Cr.)	155.75
	Inception Report	Submitted on 27 <sup>th</sup> Nov.2019
	<b>DPR Activities</b>	<b>Status of the DPR Works</b>
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	To be Submitted
18	Rate analysis and Cost Estimation	To be Submitted
19	Detailed Design Report (DPR)	To be Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	<b>Bansi-Mehdawal-Khalilabad (Km 0.000 - Km 28.900) – 2 Lane</b>
	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 <sup>th</sup> Nov.2019
	<b>DPR Activities</b>	<b>Status of the DPR Works</b>
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)	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

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

Financial Expenditure of PMC Services up to August - 2021

### **PART – B Up to AUGUST 2021 (INR) - CLAIMED AMOUNT**

Sl. No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	82,286,700	90,354,046	47,157,503	43,196,543
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	72,037,230	75,416,280
3	Reimbursable Expenses	44,607,516	48,363,117	24,924,047	23,439,070
<b>Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>144,118,780</b>	<b>142,051,893</b>
4	Escalation			31,357,151	
<b>Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>175,475,931</b>	



## **COMPONENT PART-B**

### **CONSTRUCTION SUPERVISION OF CIVIL WORKS**

#### **6 Introduction**

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

#### **7 Awarded Packages**

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

## 8 Construction 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-Bilsa-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	12-07-21	31-10-20	--	--

## 9 Description of Works

The works of undergoing contract packages are being executed under Engineering and Procurement mode of 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

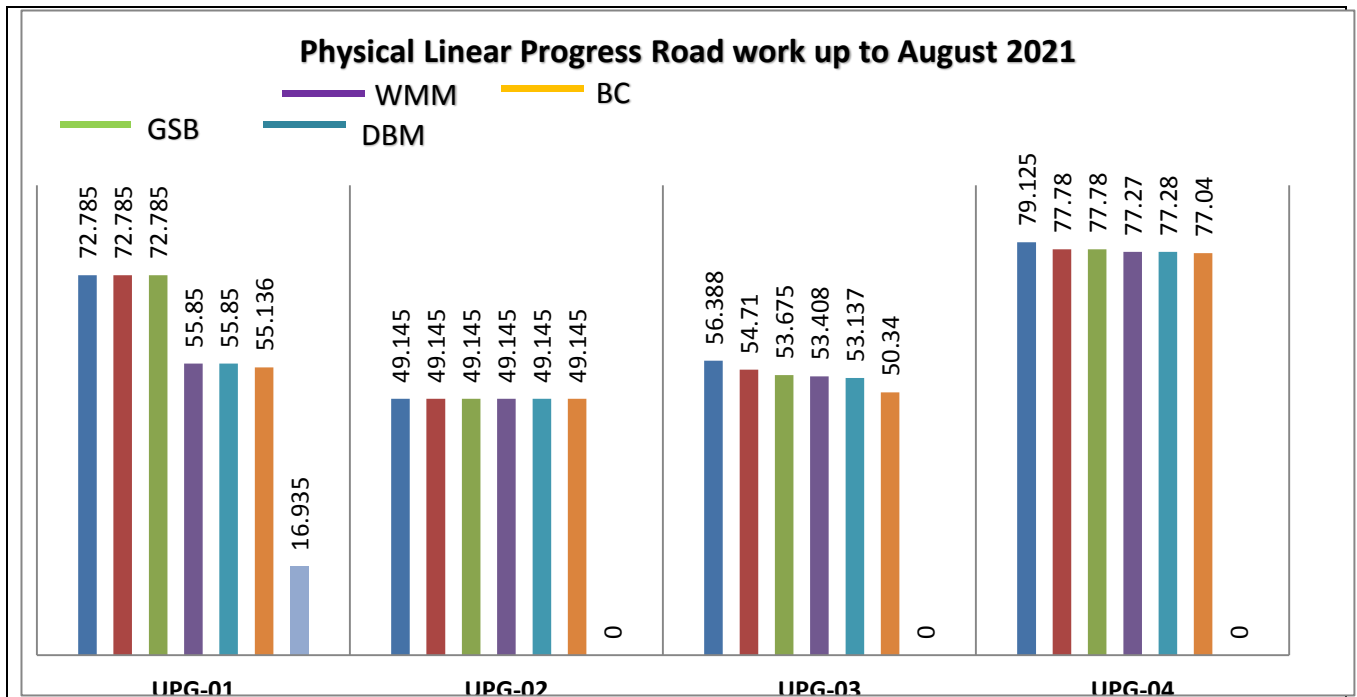
Package	Consultant	Description	Contractor's Submissions	Client/AE's Comments	Status
Hamirpur-Rath (UPG-01)	Design Consultant Team	Mr. M. Ubendiran, Design Director cum Team Leader; Mr. Alok Anandmani, Highway cum Pavement Design Engineer and Mr. Pradeep Kumar Pandey, Structure/Bridge Design Engineer	GHV/Site/ SH-42/ Kanpur /102 Dated 11.07.2019	Approved vide SE letter No. 763 C/24C -WBPCK/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- WBPCK/19 Dated 18.07.2019	Approved
	Safety Consultant	M/s Khanna Goyal Designers LLP, Gurugram	GHV/Site/ SH-42/ Kanpur /104 Dated 11.07.2019	SE letter No. 764 C/24C - WBPCK/ 19 Dated 18.07.2019	Approved
Gola-Shahjahanpur (UPG-03)	Design Consultant Team:	Mr. Virendra Pal Singh; Highway cum Pavement Design Engineer Mr. Ishwinder Singh Dua and 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	Submitted to UPPWD in Nov'2019	1265/21ComW.B.P. C./19-20 Dated 18.11.2019	Approved

		Structure/Bridge Engineer			
	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 31<sup>st</sup> October 2020. One EPC Contract Package Hamirpur-Rath (UPG-01) Section of SH-42 is also completed in the Month of July-2021 on dated 12<sup>th</sup> July 2021. The Progress status Package wise is as below:

Physical Progress Report up to August - 2021						
Sub Grade Top in km				GSB in km		
Package	Revised Scope (km)	Completed	Completed%	Revised Scope in length	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	54.71	97.02	56.388	53.675	95.19
UPG-04	79.125	77.78	98.30	79.125	77.780	98.30
<b>Total</b>	<b>257.443</b>	<b>254.42</b>	<b>98.83</b>	<b>257.443</b>	<b>253.385</b>	<b>98.42</b>
WMM in KM				DBM in Km		
Package	Revised Scope (km)	Completed	Completed%	Scope in length	Completed	Completed%
UPG-01	55.850	55.85	100.00	55.850	55.850	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	53.408	94.72	56.388	53.137	94.24
UPG-04	79.125	77.28	97.67	79.125	77.28	97.67
<b>Total</b>	<b>240.508</b>	<b>235.673</b>	<b>97.99</b>	<b>240.508</b>	<b>235.412</b>	<b>97.88</b>
BC in KM				DLC in KM		
Package	Scope (km)	Completed	Completed%	Scope in length	Completed	Completed%
UPG-01	55.136	55.136	100.00	16.935	16.935	100.00
UPG-02	49.145	49.145	100.00	0	0	
UPG-03	56.388	50.34	89.27	0	0	
UPG-04	79.125	77.04	97.36	0	0	
<b>Total</b>	<b>239.792</b>	<b>231.661</b>	<b>96.61</b>	<b>16.935</b>	<b>16.935</b>	<b>100.00</b>
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					
<b>Total</b>	<b>16.935</b>	<b>16.935</b>	<b>100.00</b>			



## 12 Progress Structure:

Physical Progress of Structure Works Up to the Month of August-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%	
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%	
	<b>Total</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>0</b>	<b>0</b>	<b>100</b>	

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

2	Box Culverts (Reconstruction)	46	46	46	0	0	100.00%	Up to October, 2020
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%	
	<b>Total</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>0</b>	<b>0</b>		

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

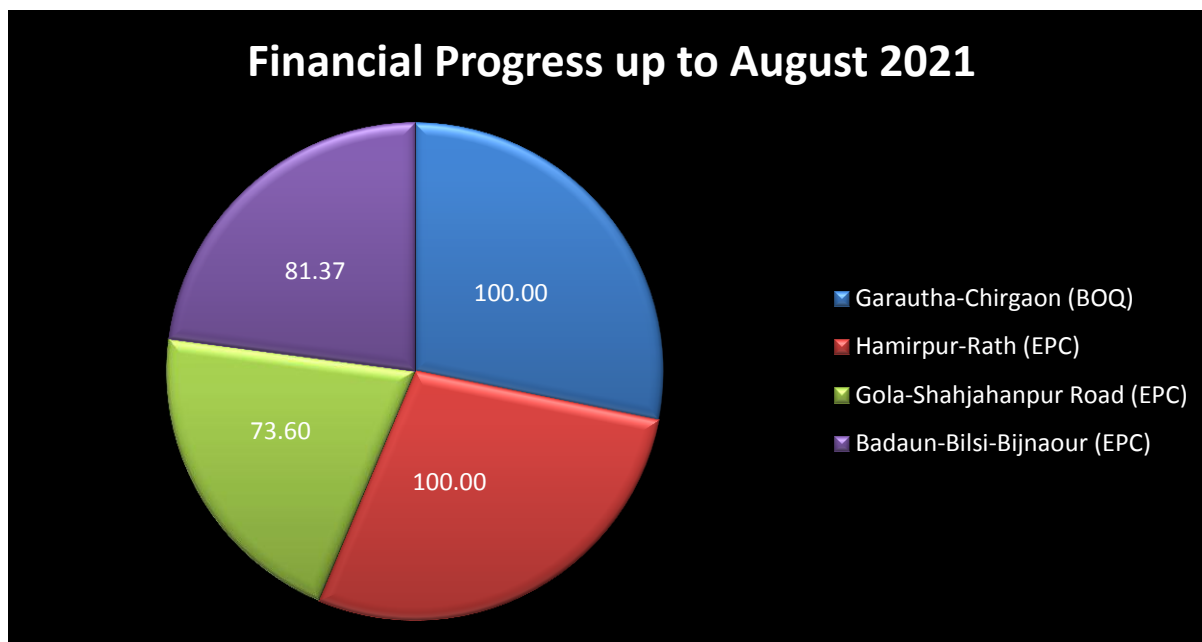
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks
1	Major Bridges (Reconstruction)	1	0	0	1	0	65.00%	Foundation & Structure Works completed
2	Minor Bridges (Reconstruction)	4	1	1	3	0	55.00%	FP works in progress
3	Cattle Under Pass	3	2	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	16	17	0	0	100%	FP works in progress
6	Minor Bridge (Widening +Rep.)	3	2	2	1	0	66.67%	FP Works In Progress
7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%	FP Works In Progress
8	Repair of Structures	15	13	15	0	0	100%	FP Works not started
	<b>Total</b>	<b>98</b>	<b>84</b>	<b>88</b>	<b>5</b>	<b>5</b>		

**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	1	2	0	0	100%	FP Works not started
Box Culverts (Reconstruction)	11	10	10	0	1	90.91%	FP Works not started
Slab Culverts (Reconstruction)	6	5	5	0	1	83.33%	FP Works not started
HP Culverts	69	69	69	0	0	100.00%	FP Works in

(Reconstruction)							progress
Minor Bridge ( Wid. +Rep.)	1	1	1	0	0	100.00%	FP Works not started
Culverts (Wid. +Rep.)	19	18	18	0	1	94.74%	FP Works not started
Repair of Structures	4	2	2	0	2	50.00%	FP Works not started
<b>Total</b>	<b>112</b>	<b>106</b>	<b>107</b>	<b>0</b>	<b>5</b>		

### 13 Financial Progress



Package	Cost of Project (Cr.)	Certified IPC Amount (Cr.)	Paid IPC Nos.	Remarks
Garautha-Chirgaon (BOQ)(Revised Cost) Part-1	183.92	183.92	IPC-24	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	271.85	IPC-13	
<b>TOTAL (In Crore)</b>	<b>1150.55</b>	<b>994.09</b>		

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

#### 14.1 Meeting / Training held during the Month

Date	Attended By	Meeting Description
03.08.2021	RE UPG-03, Contractor, DTL	Virtual Progress Review Meeting UPG-03 with Contractor
18.08.2021	All REs, DTL and Key Experts & PWD	Virtual World bank Progress Review Meeting (PMC Progress)



## **14.2 Site Visits Carried out during the Month**

**27.07.2021-** Site Inspection carried out by the Resident Engineer, Rath for Garautha-Chirgaon road project on 27.07.2021 and Inspection Note issued to the Contractor (NKC) for rectification of Defects as per approved O&M Manual vide Egis letter No. Egis India/LKO/UPCRNDP/ 2021/1400 Dated 13.08.2021.

**28.07.2021 to 30.07.2021-** Our Sr. Bridge Engineer Mr. Rajiv Ranjan Verma visited the Gola-Shahjahanpur project site from 28.07.2021 to 30.07.2021 and Site Inspection Report issued to the Contractor (APCO) vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1383 Dated 03.08.2021.

**11.08.2021 to 12.08.2021 and 13.08.2021 to 15.08.2021-** Three Factories (M/s Kataline Infra Products Private Ltd., M/s Vishal Pipe Ltd. and M/s Prakash Reflective Devices Pvt. Ltd.) visit carried out by Sr. Material cum Quality Control Engineer, Mr. Alok Sinha along with Contractor's Representative for Source Approval of Road Marking Paint from 11.08.2021 to 12.08.2021, Metal Beam Crash Barrier & Retro Reflective Signage from 13.08.2021 to 15.08.2021 respectively. Informed to UPPWD vide Egis letter No. Egis India/LKO/UPCRNDP/ 2021/1393 Dated 10.08.2021.

**20.08.2021 and 21.08.2021** - Program Schedule of Site Visit by Deputy Team Leader on 20.08.2021 and 21.08.2021 for Badaun-Bilsi-Bijnaour road project issued to Contractor (GAWAR) vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1408 Dated 19.08.2021.

**24.08.2021 to 27.08.2021 and onwards** – **CRRI Team** visited the following project sites in order to evaluation and investigation of the projects:

- (1) Gola-Shahjahanpur Road Project - from 24.08.2021 to 26.08.2021
- (2) Hamirpur-Rath Road Project - on 27.08.2021
- (3) Garautha-Chirgaon Road Project - 27.08.2021 onwards

Above informed to the respective Contractors (APCO/GHV/ NKC) vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1410 Dated 19.08.2021.

**24.08.2021 to 27.08.2021** - Mr. Bhushan Kumar Merigala mobilized from 24.08.2021 to 27.08.2021 to attend Road Safety Audit carried out by the Independent Agency on 25.08.2021 for Hamirpur-Rath road project and the same informed to the UPPWD vide Egis letter Nos. Egis India/LKO/UPCRNDP/2021/1413 Dated 19.08.2021 and Egis India/LKO/UPCRNDP/ 2021/1418 Dated 27.08.2021 respectively.

**24.08.2021 to 27.08.2021-** Mr. Rajiv Ranjan Verma Sr. Bridge Engineer done Traffic Survey Report for Speed & Delay Analysis (SH-42, Hamirpur Rath Road Project)

**26.08.2021 to 29.08.2021-** Field Inspection carried out by the Environmental Expert Mr. Devbrat Singh from 26.08.2021 to 29.08.2021 for Badaun-Bilsi-Bijnaour Road Project.

**31.08.2021** - Site Visit & Factory Visit (for Bearing Testing at Yamuna Nagar) of Sr. Bridge Engineer from 31.08.2021 to 03.09.2021 for Gola-Shahjahanpur road project informed to the Contractor (APCO) vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1419 Dated 31.08.2021.



## 16.2 Consultant's Mobilization

### 16.2.1 Staff

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

Position	Name	Duration (months)	Start date	Remarks
<b>TEAM LEADER'S OFFICE</b>				
Team Leader	Mohd. Ayaz Beg	65.381	01.06.19	
Dy. Team Leader (Const. Mgmt. Specialist)	Mr. Sarwan Singh Saini	36	18.03.21	Part B & C services
Contract Administration Specialist	TBA	36	TBA	Part-C Services
Senior Highway Design Engineer	Mr. Sanjay Kumar	18		Part-C Services (Existing Staff of EGIS)
Senior Bridge Design Engineer (intermittent)	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	Mr. Raman Ranjan Dash	40	04.09.20	Part-B Services (Resigned on 25.02.2021)
Environment Specialist	Mr. Dev Brat Singh	45	15.03.18	Part-B & C Services
Senior Surveyor	Mr. Rajendra Singh	16	05.03.18	Resigned
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 Singh	72	05.10.14	

Note: UPG-02 Part-1 Project Works completed on 31<sup>st</sup> Oct-2020 hence all Field staffs are demobilized; UPG-01 Civil works Phase is completed on 12<sup>th</sup> July 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 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
<b>TEAM LEADER'S OFFICE (LUCKNOW)</b>				
1	MARAZZO	UP-32 LN 6457	13.08.2019	
2	TATA JEST	UP-32 LN 1212	23.07.2018	
<b>CONTRACT PACKAGE- UPG/01 HAMIRPUR – RATH</b>				
1	TUB	UP-93 CT 2775	01.05.2020	
2	BOLERO	UP-93 CT 1827	01.05.2020	
<b>CONTRACT PACKAGE – UPG/03 GOLA - SHAHJAHANPUR</b>				
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	
<b>CONTRACT PACKAGE –UPG/04 BADAUN – BILSI - BIJNAOUR</b>				
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, Gomti nagar,

Lucknow, UP-226010, Phone: 0522 - 4952905, Email: [egis\\_upcrndp@egis-india.com](mailto:egis_upcrndp@egis-india.com)

#### Site Office Addresses:

##### **Contract Package – UPG/01**

##### **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)

##### **Contract Package – UPG/03**

##### **Gola – Shahjahanpur Section of SH-93**

##### **Office of the Resident Engineer**

Egis India Consulting Engineers Pvt. Ltd,

1<sup>st</sup> and 2<sup>nd</sup> Floor, Main Shahjahanpur

Road In front of Garg Crasher, Bara

Road, Mohammadi, Uttar Pradesh-262 804

##### **Contract Package- UPG/02**

##### **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 is demobilized from 31<sup>st</sup>  
Dec 2020

##### **Contract Package – UPG/04**

##### **Badaun–Bilsī–Bijnaour 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 4<sup>th</sup> January 2017.

The project works are divided into two parts,

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

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

<b>S. No</b>	<b>Contract Package</b>	<b>Length (Km)</b>	<b>Completion Period (as per Contract)</b>	<b>Contract Agreement Date</b>	<b>Commencement Date (as per Contract)</b>	<b>Scheduled Completion Date (as per Contract)</b>
1.	UPCRNDP/UPG/02/2014 Garautha-Chirgaon Road (SH-42)	49.145	24 Months	04.01.2017	15 <sup>th</sup> January 2018	14 <sup>th</sup> January 2020 but completed on 31 <sup>st</sup> October 2020 as per the Granted EOT

The cumulative Physical Progress Achieved is 100% and Financial Progress is 100% for part –1work, **i.e. Project work (Part 1) completed within the Contract Price with saving of 1.04%**

#### **17.2 Salient Features of Contract**

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

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

**Consultant Mobilization: All AE staff demobilized since 31<sup>st</sup> 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 Engaged 10 no. women as general labour during the maintenance period.

Sl.	Name	Designation	Remarks
1	Mr.Ashudev Prohit	Quantity Surveyor & Planning	Intermittent
2	Mr.Kuldeep Singh Chauhan	Highway Engineer	
3	Mr.Sameer	Admin	

### 17.3.1.3 List of Equipment Mobilized for Maintenance Period

Sl.No.	Equipment's Mobilized	Maintenance Period
1	JCB	01
2	Bolero Camper	01
3	Plastic Water-filled Barriers	15
4	Traffic Cones	20
5	Diversion Sign Barriers/Road Works Ahead/Go Slow /Man at Work etc.	03 Each
6	Flashing Light	04

### 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 visited the project site of Garautha-Chirgaon Road on 02.05.2021. It was reminded to the Contractor for major responsibilities during the DLP period of 5 years and notified his observations (along with photographs) for immediate rectification vide letter No. Egis India/LKO/UPCRNDP/2021/1293 Dated 17.05.2021.



## 18 CONTRACT PACKAGE UPG-01

### 18.1 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 19<sup>th</sup> June 2019 and the EPC Contract Amount is of INR Rs. 262,39,50,000/-. On the Completion of Project the revised Contract Price is INR Rs. 275,65,00,741/-

Sl. No.	Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Appointed Date (as per Contract)	Scheduled Completion Date (as per Contract)	Actual Completion Date
1.	UPCRNDP/UPG/01/ 2018 Hamirpur - Rath Road (SH-42)	72.785	24 Months	19 <sup>th</sup> June 2019	25 <sup>th</sup> June 2019	23 <sup>rd</sup> June 2021	12 <sup>th</sup> July 2021

The Cumulative **Physical Progress achieved is 100% and Financial Progress 100%**.

### 18.2 Milestones

The completion of Part-1 works 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 <sup>th</sup> 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 “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 <sup>th</sup> November 2020 within the Cure period allowed in the Contract.
M-4	Scheduled Completion of Project in all respect.	730	25/06/19	23/06/2021	Achieved on 12 <sup>th</sup> August 2021, Within the Approved EOT period.Completion Certificate issued.

Note: Extension of Time (EOT) Seventy One Days approved upto 2<sup>nd</sup> September 2021 (from 23.06.2021) vide letter No. 1503/1C (I)-WBPC/2020 Dated 22.12.2021

### 18.3 Salient Features

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



Project Completed as per Contract Provisions on 12<sup>th</sup> July 2021; The Punch/Snag list works issued to the Contractor to complete within scheduled period of time same work was completed(Punch list work) on Schedule Time on Dated 12-08-2021& Completion Certificate has been issued by The Authority EngineerVide letter Egis India/HO/UPCRNDP/UPG-01/72578/2021 Dated 16th August 2021 with effect from 12<sup>th</sup> August 2021.

#### 18.4 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	45.015	7	1.5	1	0	0
TCS-1 B	Overlay + Widening	21.070	7	1.5	1	0	0
TCS-2 A	Reconstruction + Widening	3.2	7	1.5	0	1.5	Varies
TCS-2 B	Overlay + Widening	1.8	7	1.5	0	1.5	Varies
TCS-3 A	Reconstruction + Widening	0.30	7	1.5	1	1.5	Varies
TCS-3 B	Overlay+ Widening	0.00	7	1.5	1	1.5	Varies
TCS-4 A	Reconstruction + Widening	0.620	7	1.5	0	1.0	Varies
TCS-4B	Overlay+ Widening	0.780	7	1.5	0	1.0	Varies
Total Project Length (Km)		72.785					

#### 18.5 Consultant Mobilization

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

#### 18.6 Staff Mobilization

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

Resident Engineer Office, Contract Package-01 (Hamirpur-Rath)&Package-02(Garoutha-Chirgaon)			
Sl. No.	Position	Name	Date of Joining
Technical Staff			
1	Resident Engineer	Mr. Jawahar Singh	01.10.2019
2	Assistant Highway Engineer	Mr. Ravish Kumar	03.08.2019
3	Assistant Quantity Surveyor	Mr. Kompella Srikanth	21.09.2020
4	Assistant Surveyor	Mr.Gopal Krishna Biswas	16.05.2019
5	Lab Technician	Mrs. Kilaparthi Venkata	09.08.2021

		Visalakshi	
Administrative Support Staff			
6	Office Manager Cum Accountant	Mr. Siddhartha Shukla	16.12.2019
7	Computer Operator/Office Assistant	Mr. Hemant Ahirwar	24.06.2021
8	Office Assistant	Mr. Surendra Kumar	01.08.2019
9	Watchman	Mr. Prasant Soni	01.08.2019

## 18.7 Construction Activities

### 18.7.1 Site Possession and Utilities

The project work started on the Appointed Date on 25<sup>th</sup> June 2019 with 90.75% vacant/unencumbered Land available as per joint site inspection carried out on 19<sup>th</sup>/ 20<sup>th</sup> June 2019.

Site Possession as 100% of Project Length has been handed over to the Contractor by Authority through Memorandum MOM Dated 19<sup>th</sup> September 2019 for commencement of work. Civil works are Completed; ROW boundary pillar is being fixed in Consultation with AE/Client.

### 18.7.2 Mobilization of Contractor

#### 18.7.2.1 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,  
Kissan Bandhu Campus,  
Ch. 52+800 LHS Muskara,  
Hamirpur – 210506  
PH No. 7060099481

#### 18.7.2.2 Human Resources

Contractor has mobilized Key Staff as given below;

Sl. No.	Designation	Name
1	Quantity Surveyor	Mr. Zafar Iqbal
2	Project Coordinator	Mr. Virender Singh
3	Planning Manager	Mr. Suman Kumar
4	Structure Engineer	Mr. Sailesh Kumar Singh
5	Highway Design Engineer	Mr. Alok Anandmani

#### 18.7.2.3 Plant and Machinery

Contractor has established following Construction plants at Base Camp except Crusher Plant.

Sl. No.	Plants Mobilized	In No.	Location	Make & Capacity	Status
1	RMC 1	01	Ch.14+100 RHS	90Cum/hr.	Contractor's works are completed – listed Plant & Machinery has been Demobilized by the Contractor.
2	RMC 2	01	Ch. 57+000 LHS	25Cum/hr.	
3	Wet Mix Plants	01	Ch. 57+000 LHS	200 TPH	
4	Hot Mix Plants	01	Ch. 57+000 LHS	160 TPH	
5	Crushers	00	Not Established		

List of Key Plant and equipment is enclosed as **Annexure-C- Plant & Machinery Details**

#### 18.7.2.4 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-D Material Procurement Statement**.

### 18.8 Work Progress

#### 18.8.1 Design and Drawings

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

#### 18.8.2 Work Programme & EOT

The Contractor's Base Line Work Program approved and same was implemented during the construction phase

**Milestone-I** achieved on 17<sup>th</sup>December 2019 on 26<sup>th</sup>day from the scheduled completion date.

**Milestone-II** achieved on 11<sup>th</sup>June 2020 on 22<sup>nd</sup>day from the scheduled completion date.

**Milestone-III** achieved on 29<sup>th</sup>Nov 2020 on 15<sup>th</sup>day from the scheduled completion date.

**Extension of Time:** The Milestone-II delayed due to Force Majeure Event Pandemic Disease Covid-19. Contractor has achieved MS-II and MS-III within the cure period of 30 days as per C.A. Clause 10.3.2.

Contractor had applied Extension of Time for this "Force Majeure Event" vide letter no GHV/Site/SH-42/Rath/469 Dated 08-07-2020 for 115 days. Authority Engineer has evaluated and recommended EOT to the Client vide letter no Egis India/HO/UPCRNDP/62348/2020 Dated 30-07-2020.

Client has approved for IEOT (Interim Extension of Time) for 71 days vide letter no 1503/1C(1)-WBPC/2020 dated 22.12.2020 and the Engineer has confirmed to the Contractor.

**Completion Certificate:** Authority Engineer issued Completion Certificate to Contractor vide Letter No- Egis India/HO/UPCRNDP/UPG-01/72578/2021 dated 16<sup>th</sup> August 2021 with effect from 12<sup>th</sup> August 2021.

### 18.8.3 Financial Progress

UPG-01 Hamirpur-Rath	Up to End of Previous Month		This Month		Cumulative	
	Target	Achieved	Target	Achieved	Target	Achieved
Contract Amount (INR Cr.)	262.40	260.48	1.915	100	262.40	262.40
In % age	100%	99.27%	0.73%	100%	100%	100%

### 18.8.4 Stage Payment Statement (Interim Payment Certificate)

The Contractor has submitted Stage Payment Statement (SPS-17) Final payment Certificate) IPC-18 for the work done during the month of March- to 12 August 2021. Authority Engineer has reviewed & Certified after scrutiny of SPS-17 Final payment Certificate (IPC-18) for further necessary action after Receiving the written discharge from the Contractor.

IPC No	IPC for the Month	Recommended by the Engineer	Work Done	Gross Amount including P.A (In INR)	Net paid Amount for Current IPC (In INR)	Cumulative Amount Paid (In INR)
1	Jun-19	26-06-2019	26,23,95,000	26,23,95,000	25,71,47,100	25,71,47,100
2	Nov-19	20-12-2019	10,80,90,664	10,80,90,664	9,62,00,691	35,33,47,791
3	Dec-19	25-01-2020	18,22,37,242	18,22,37,242	14,25,91,145	49,59,38,936
4	Jan-20	24-02-2020	9,44,78,096	10,59,97,311	6,98,37,606	56,57,76,542
5	Feb-20	02-03-2020	17,91,65,942	18,46,29,908	13,49,20,619	70,06,97,161
6	Mar-20	21-03-2020	13,85,70,115	13,85,70,115	5,47,89,166	75,54,86,327
7	Apr-20 & May-20	11-06-2020	14,60,32,188	14,60,32,188	13,06,98,808	88,61,85,135
8	Jun-20	09-07-2020	16,96,99,124	16,96,99,124	13,21,80,716	101,83,65,851
9	Jul-20	18-08-2020	10,86,50,263	11,89,38,865	7,69,00,283	109,52,66,134
10	Aug-20	16-09-2020	15,69,39,008	15,69,39,008	10,10,60,413	119,63,26,547
11	Sep-20	13-10-2020	18,47,64,780	18,47,64,780	13,88,67,485	133,51,94,032
12	Oct-20	04-11-2020	19,58,47,946	19,85,09,889	16,67,09,963	150,19,03,995
13	Nov-20	04-12-2020	10,42,17,510	11,41,04,181	9,99,59,344	160,18,63,339
14	Dec-20	06-01-2021	27,73,57,723	27,73,57,723	24,20,09,024	184,38,72,363
15	Jan-21	10-02-2021	10,76,05,245	11,89,02,565	10,17,87,804	194,56,60,167
16	Feb-21	08-03-2021	16,93,16,947	16,93,16,947	16,01,98,902	210,58,59,069

17	Mar-21	23-03-2021	41,07,43,987	43,65,82,746		
18	August-21	31-08-2021	2,18,33,571	2,89,69,759	2,75,21,269	

### 18.8.5 Physical Progress

Physical Progress up to 31-07-2021									
Highway Physical Progress in Linear Length									
S No.	Description	Unit	Scope/ modified 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	72.785	72.785	0.000	0.000	0.000	72.785	100.00%
2	GSB	Km	72.785	72.785	0.000	0.000	0.000	72.785	100.00%
3	WMM	Km	55.850	55.850	0.000	0.000	0.000	55.850	100.00%
4	DBM	Km	55.850	55.850	0.000	0.000	0.000	55.850	100.00%
5	DLC	Km	16.935	16.935	0.000	0.000	0.000	16.935	100.00%
6	PQC	Km	16.935	16.935	0.000	0.000	0.000	16.935	100.00%
7	BC	Km	55.136	55.136	0.000	0.000	0.000	55.136	100.00%
8	Earthen Shoulder	Km	72.071	64.610	7.561	7.361	7.461	72.071	100.00%

### 18.8.6 Structure: Progress of Structure works during the Month of August-2021

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)	4	4	4	0	0	100
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
	<b>Total</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>0</b>	<b>0</b>	<b>100</b>

### 18.8.7 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

### 18.9 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 - L,

### 18.10 Meetings & Site Inspections

- Superintending Engineer (S.E) & Junior Engineer (J.E) World Bank Division, UPPWD, Kanpur visited the entire project highway on dated 09<sup>th</sup> August 2021 instructed Contractor to install additional Chevron & Curve Sign Boards at some locations where ever necessary.
- Chief Engineer (C.E) UPPWD, EAP, World Bank Division, Lucknow conducted 1<sup>st</sup> review meeting for Maintenance Strategy of both UPG-01 and UPG-02 on dated 16<sup>th</sup> August 2021 at Chief Engineer Office, PWD, WB Division, Lucknow.
- World Bank conducted Virtual Review Meeting for knowing the status of both Phase-1 (UPG-01,02,03,04) and also for Phase-2 Roads on dated 17<sup>th</sup> August 2021.
- Road Safety Audit (RSA-03) has conducted on dated 25<sup>th</sup> August 2021 and instructed the contractor to install additional sign boards in view of Road Safety of Road Users and Contractor also agreed to install the additional sign boards.
- Central Road Research Institute (CRRI) visited the site for Inspection of Quality Control of the Project on dated 27<sup>th</sup> August 2021.

### 18.11 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.
- **Issues:** Contractor should enforce and make mandatory to use & wear of adequate PPE by the workers while working such as Helmets, Face masks, Reflective Jackets, Shoes, Gum-boots & Hand Gloves and follow up **SOP** issued for working at site. For Implementing Safety measures instructions have been given vide letter no. Egis India/RE UPG-01/UPCRNDP/558/2021.
- **Enhancement Works:** 3 EMP enhancements works all are completed.
- **CPRS Structures:** Out of 13nos CPRS structures approved 13 completed.

#### Project Completion /Operation and Maintenance Period

- The works as allotted to the Contractor as per CA are completed in all respect.
- Contractor vide letter ref. GHV/Site/SH-42/Rath/756 dated-09/02/2021 has submitted program and requested PMC/AE to witness the “Schedule-K -Test for Completion”.
- Test for Completion are conducted by the Contractor for Highway & Structural works which has been witness by Authority and Authority Engineer.
- Environmental Audit and Safety Audit in conformity of CA Schedule-K (Clause 2.5 & Clause 2.6 respectively) is completed.
- Rev.01 O&M Manual received vide letter ref. GHV/Site/SH-42/Rath/829 dated 03<sup>rd</sup> June 2021 has been reviewed and approved by the PMC/AE vide letter ref. Egis India/LKO/UPCRNDP/2021/1324 dated 15<sup>th</sup> June 2021.

### 18.12 Weather

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

## 19 CONTRACT PACKAGE UPG-03

### 19.1 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 APCO Infratech Pvt. Ltd.**, Gurgaon, for a Contract Amount of **INR 356,90,00,000.00**. The Contract Agreement No.116/UPCRNDP/CEEAP/2019-20 were signed on 26.06.2019 and appointed date is 11.11.2019.

Sl. No	Contract Package	Length (Km)	Completion Period (as per Contract)	Contract Agreement Date	Commencement Date (as per Contract)	Scheduled Completion Date (as per Contract)	Revised Completion Date
1.	UPCRNDP/UPG/03/2014 Gola-Shahjahanpur Road (SH-93)	57.535	24 Months	26 <sup>th</sup> June 2019	11 <sup>th</sup> November 2019	09 <sup>th</sup> November 2021	19 <sup>th</sup> January 2022

The Cumulative Physical Progress achieved 83.37% up to August-2021, Financial Progress is 73.60% up to 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.

### 19.2 Milestones

The Completion of 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 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 <sup>th</sup> March 2019
M-2	Stage Payments Statements for an amount not less than 35% of the Contract Price.	330	09/04/2020	05/10/2020	Achieved on 4 <sup>th</sup> November-20 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	06/10/2020	03/04/2021-13/06/2021	Achieved on 12-06-2021 within the IEOT period.
M-4	Scheduled Completion of Project in all respect.	730	04/04/2021	09/11/2021-19/01/2022	Under Progress

### 19.3 Salient Features

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



## 19.4 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.

### 19.4.1 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					

## 19.5 Consultant Mobilization

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

## 19.6 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			
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	Mr.Abhishek Pandey	22.05.2019

<b>Resident Engineer Office, Contract Package-03 Gola – Shahjahanpur</b>			
<b>Sl. No</b>	<b>Position</b>	<b>Name</b>	<b>Date of Joining</b>
4	Assistant Highway Engineer-2	Mr.Ram Pratap Singh	20.01.2020
5	Assistant Material Cum Quality Engineer-1	TBA	
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
<b>Administrative Support Staff</b>			
12	Office Manager	Mr. Manish Kumar Dixit	13.05.2019
13	Computer Operator	Mr.Satya Prakash Dwivedi	11.12.2019
14	Office Assistant	Mr.Sumit Pal	07.08.2019
15	Watchman	Mr. Sachin Shukla	26.08.2019

## **19.7 Construction Activities**

### **19.7.1 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 11-11-2019 for commencement of work.

### **19.7.2 Mobilization of Contractor**

#### **19.7.2.1 Base Camp Establishment**

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

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

#### **19.7.2.2 Human Resources**

Contractor has mobilized Key Staff listed in table below;

<b>Sl.</b>	<b>Designation</b>	<b>Name</b>	<b>Date of Joining</b>
1	Project Manager	Mr. Arbind Kumar Singh	01-02-2021
2	Highway Engineer	Mr. Shubha Ranjan Pattanaik	11-11-2019
3	Material Engineer	Mr. Lokeswar Rao Killamsetty	02-05-2019
4	Quantity Surveyor	Mr. Dheer Singh	02-12-2019
5	Land Surveyor	Mr. Narendra Yadav	20-04-2019
6	Mechanical Equipment Maintenance Engineer	Mr. Rami Reddy LV Shiva	30-09-2019

7	Bridge Engineer	Mr. Bulbul Prashad Yadav	02-05-2019
8	ESHS Officer	Mr. Ashok Kumar	18-06-2020

### 19.7.2.3 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	Batching Plant	01	Ch.39+600LHS	60Cum/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.

### 19.7.2.4 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**.

## 19.8 Work Progress

### 19.8.1 Structure Drawing Design Status

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

### 19.8.2 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 was 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/LKO/UPCRNDP/ 2021/1190 Dated 08.02.2021.
- ❖ Client in Principal has granted IEOT-1 for 71days vide letter No.171/EAP/WB/UPG-04/2018 Dated 16-01-2021 stating that there should be No Additional Financial Implications/ Claims to the Employer. The same is communicated to the Contractor by T.L office letter no. Egis India/LKO/UPCRNDP/2021/1190 Dated. 08.03.2021.
- ❖ However, the Contractor has requested to Authority Engineer for re-evaluation of IEOT-1 for 162days vide letter no. APCO/WB-UPPWD/EGIS/ST/425 dated 15.02.2021. The Authority Engineer has communicated to the Contractor with details of evaluation and eligibility of EOT-1 of 71Days vide letter ref. no. Egis India/HO/UPCRNDP/67880/2021 Dated.15.03.2021for accepting the revised date for completing the Project.

### 19.8.3 Financial Progress:

UPG/03 Gola-Shahjahanpur SH-93	Upto End of Previous Month w.r.t WP-Rev.05		This Month		Cumulative up to Date	
	Target	Achieved	Target	Achieved	Target	Achieved
Amount (in Cr.)	300.28	249.86	11.52	12.81	311.8	262.67
In % age	84.15%	70.05%	3.23%	3.59%	87.38%	73.6%

#### 19.8.4 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 <sup>th</sup> 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 <sup>st</sup> 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 <sup>th</sup> 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 <sup>th</sup> November 2020	20.11.20	21-11-20	18,32,45,895	17,27,55,501	44,79,718	Recovery of Mobilization Advanced 2ndInstallment (15,00,00,000)
IPC-7	Up To 07 <sup>th</sup> 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 <sup>rd</sup> 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 <sup>rd</sup> 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 <sup>nd</sup> 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 <sup>th</sup> June 2021	21.06.21	06-07-21	37,33,50,821	42,85,09,567	34,81,78,195	Work Done
IPC-12	Up To 7 <sup>th</sup> August 2021	18.08.21	-	12,81,54,856	12,81,54,856	12,56,62,421	Work Done

### 19.8.5 Physical Progress

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

Highway Physical Progress in Linear Length									
Sl.N	Description	Unit	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	56.388	54.068	1.000	0.285	0.642	54.710	97.02
2	GSB	Km	56.388	53.953	1.000	0.445	0.722	54.675	96.96
3	WMM Top	Km	56.388	53.121	0.280	0.295	0.287	53.408	94.72
4	DBM Top	Km	56.388	52.766	0.362	0.380	0.371	53.137	94.23
5	BC	Km	56.388	47.733	2.646	2.568	2.607	50.340	89.27

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

Physical Progress of Structure Works Up to the Month of August - 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	1	3	0	55.00%
3	Cattle Under Pass	3	2	3	0	0	100%
4	Box Culverts (Reconstruction)	19	18	18	0	1	94.74%
5	HP Culverts (Reconstruction)	17	16	17	0	0	100%
6	Minor Bridge (Widening +Rep.)	3	2	2	1	0	66.67%
7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%
8	Repair of Structures	15	13	15	0	0	100%
	<b>Total</b>	<b>98</b>	<b>84</b>	<b>88</b>	<b>5</b>	<b>5</b>	

### 19.8.6 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****19.9 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**.

**19.10 Meetings & Site Inspections**

- ❖ Virtual Monthly Progress Review meeting with contractor held on 3<sup>rd</sup> Aug 2021.
- ❖ Virtual Progress Review meeting with world Bank & Client held on 17<sup>th</sup> Aug 2021.
- ❖ Site inspection carried Out by CRRI Team from 24<sup>th</sup> Aug 2021 to 26<sup>th</sup> Aug 2021.
- ❖ Site Inspection Carried out by Senior Quality Cum Material Engineer Mr. Alok Sinha, from 23<sup>rd</sup> Aug 2021 to 26<sup>th</sup> Aug 2021
- ❖ Senior Bridge Engineer Mr. Rajiv Ranjan Verma Visited at site on 31<sup>st</sup> Aug 2021.

**19.11 Key and Potential Issues**

- ❖ Three Cattle under Pass (CUP) in Reserve Forest area under Change of Scope (COS) are In-progress; Finalized Cost Estimation of COS is awaited from Contractor for agreement/acceptance by both the party.
- ❖ 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 2<sup>nd</sup> 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 9<sup>th</sup> March 2021.
- ❖ The revised project length is 56.388 km after reduction of 1.147 km from the design length 57.535 km

**19.12 Weather Report**

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

## 20 **CONTRACT PACKAGE UPG-04**

### 20.1 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 5<sup>th</sup> July 2019 and the EPC Contract Price is **INR 334,00,00,080.00**.

Sl. No	Contract Package	Length (Km)	Completion Period (As per Contract)	Contract Agreement Date	Commencement Date (As per Contract)	Scheduled Completion Date (As per Contract)
1.	ICB No. UPCRNDP/UPG/04/2018 Badaun-Bilsi-Bijnaour Road (SH-51)	79.125	730 days	5 <sup>th</sup> July 2019	4 <sup>th</sup> November 2019	2 <sup>nd</sup> November 2021

The Cumulative Physical Progress achieved is 89.43% on 31<sup>st</sup> August 2021 and Financial Progress is 81.20% up to 23<sup>rd</sup> June 2021.

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

### 20.2 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 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 <sup>th</sup> 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 <sup>st</sup> March 2021
M-4	Scheduled Completion of Project in all respect.	730	04/11/2019	02/11/2021	In 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 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	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	7.5 x 2	0	0	1.5	Varies
Total Project Length (Km)		79.125					

## 20.5 Mobilization of Consultant

## 20.6 Staff Mobilisation

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

Resident Engineer Office, Contract Package-04 Badaun-Bilsi-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	Mr.Abhay Kumar Giri	03.01.2020
6	Quantity Surveyor-1	Mr.Hunny Kumar	12.06.2019
7	Assistant Surveyor-1	Mr.Sachin Kumar	03.12.2019

<b>Resident Engineer Office, Contract Package-04 Badaun-Bilsa-Bijnour</b>			
<b>Sl. No.</b>	<b>Position</b>	<b>Name</b>	<b>Date of Joining</b>
8	Junior Construction Safety Expert	Mr.Shubhankar Nayak	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
<b>Administrative Support Staff</b>			
12	Office Manager Cum Accountant	Mr. Sachin Soni	23.11.2019
13	Computer Operator/Office Assistant	Mr.Sachin Kumar	01.09.2020
14	Office Assistant	Mr.Nakul Singh	04.10.2019
15	Watchman	Mr.Amit Kumar	27.11.2019

## **20.7 Construction Activities**

### **20.7.1 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 04 Nov 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**

### **20.7.2 Mobilization of Contractor**

#### **20.7.2.1 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

#### **20.7.2.2 Human Resources**

The Contractor mobilised key staff is listed in table below;

<b>Sl.</b>	<b>Designation</b>	<b>Name</b>	<b>Remarks</b>
1	Sr. Project Manager	Mr. Vivek Sharma	
2	Project Manager	Mr. Mukesh Kumar	
3	Dy. Project Manager	Mr. Bunt Shaw	
4	Highway Engineer	Mr. Mangat Ram	

5	Material Engineer	Mr.Kehari Singh	
6	Quantity Surveyor	Mr. Arvinder Kumar	
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 February - 2021
10	Bridge Engineer	Mr. Farhan Baqi	

### 20.7.2.3 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.**

### 20.7.2.4 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**

## 20.8 Work Progress

### 20.8.1 Design and Drawings

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

### 20.8.2 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.

### 20.8.3 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.)	320.41	271.41	5.91	0.00	326.32	271.30
In % age	95.90%	81.20%	1.76%	0.00%	97.68%	81.20%

#### 20.8.4 Stage Payment Statement (Interim Payment Certificate)

Contractor is preparing the (SPS-13) IPC-14 for the month of July & August -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

### 20.8.5 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	77.78	0.00	0.00	0.00	77.78	98.30%
2	GSB	Km	79.125	77.78	0.00	0.00	0.00	77.78	98.30%
3	WMM Top	Km	79.125	77.28	0.00	0.00	0.00	77.28	97.66%
4	DBM	Km	79.125	77.28	0.00	0.00	0.00	77.28	97.66%
5	BC	Km	79.125	67.66	6.68	12.08	9.38	77.04	97.85%

**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	1	2	0	0	100%
2	Box Culverts (Reconstruction)	11	10	10	0	1	90.91%
3	Slab Culverts (Reconstruction)	6	5	5	0	1	83.33%
4	HP Culverts (Reconstruction)	69	69	69	0	0	100.00%
5	Minor Bridge ( Wid. +Rep.)	1	1	1	0	0	100.00%
6	Culverts ( Wid. +Rep.)	19	18	18	0	1	94.74%
7	Repair of Structures	4	2	2	0	2	50.00%
	<b>Total</b>	<b>112</b>	<b>106</b>	<b>107</b>	<b>0</b>	<b>5</b>	

### 20.8.6 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

## **20.9 Quality Control / Quality Assurance**

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

## **20.10 Meetings & Site Inspections**

- Virtual Progress Review Meeting with Project Director held on 25.08.2021.
- Progress Review Meeting with Project Director held on 11 & 12<sup>th</sup> August 2021 at Lucknow.
- Site Visit of AE PWD Word Bank Division on 02.08.2021 & 26.08.2021.
- Site Visit of Executive Engineer & AE PWD Word Bank Division on 26.08.2021.
- Site Visit by DTL on 20 & 21<sup>st</sup> August 2021.
- Site Visit by Environmental Expert on 27<sup>th</sup> & 28<sup>th</sup> August 2021.

## **20.11 Key Issues**

- The Contractor has been granted for 69 days of Extension of Time (EOT) for completing the Milestone-4 (Scheduled Completion of Project in all respect).
- The cost estimation is awaited for the proposal of Change of Scope (COS) for two minor bridges at Ch.120+468 and Ch.130+021 and realignment sections of main carriageway.
- Compulsory Afforestation and Rainwater Harvesting work should be completed before offset of monsoon. Instruction issued vide letter no. Egis India/LKO/UPCRNDP/2021/1352 dated 07<sup>th</sup> July 2021 and Egis India/LKO/UPCRNDP/2021/1353 dated 07<sup>th</sup> July 2021.
- EMP enhancement work is very slow need to be expedited.
- Ground water withdrawal permission from concerned authority to be expedited.

## **20.12 Weather**

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

**ENVIRONMENT, SOCIAL, HEALTH AND SAFETY**



## 21 ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

### 21.1 Introduction

This Environment-Social-Health-Safety Section of report of MPR is for all Four Civil Contract Packages of Phase-I roads. It has been prepared to ensure that the EMP implementation is being carried out by the respective Contractors on ongoing packages in accordance with the Project requirements. It also includes the EMP monitoring report of O&M phase for Hamirpur-Rath and Garautha-Chirgaon Road sections of SH-42.

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	EPC Contract	In O&M Phase
UPG-02 (Garautha-Chirgaon)	SH-42	49.145km	Item Rate Contract	In O&M Phase
UPG-03 (Gola-Shajahanpur)	SH-93	57.535km	EPC Contract	In-Progress
UPG-04 (Badaun-Bilsi-Bijnaour)	SH-51	79.125km	EPC Contract	In-Progress

### 21.2 ESHS Issues and Corrective Actions Taken

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

#### 21.2.1 Statutory Compliance

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

<b>Table A- UPPCB Clearance</b>						
<b>Package</b>	<b>Status of Permission HMP and CBMP Plants</b>					
	<b>HMP – CTO</b>			<b>CBMP – CTO</b>		
	<b>Capacity</b>	<b>Approval</b>	<b>Validity</b>	<b>Capacity</b>	<b>Approval</b>	<b>Validity</b>
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
<b>Package</b>	<b>Status of Permission WMM and CRUSHER Plants</b>					
	<b>WMM – CTO</b>			<b>CRUSHER – CTO</b>		
	<b>Capacity</b>	<b>Approval</b>	<b>Validity</b>	<b>Capacity</b>	<b>Approval</b>	<b>Validity</b>
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 31-12-2021

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

### 21.2.2 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	31-07-22 (Renewed)	IFFCO-TOKIO GENERAL INSURANCE CO.LTD/32123941	31-07-22 (Renewed)
UPG-02	LIBERTY GENERAL INSURANCE LTD.	19-11-21	The New India Insurance Co. Ltd.	01-08-22 (Renewed)	The New India Insurance Co. Ltd.	01-08-22 (Renewed)
UPG-03	FUTURE GENERAL INDIA INSURANCE COMPANY LIMITED	03-04-22	The New India Insurance Co. Ltd.	10-05-26	The New India Insurance Co. Ltd.	10-05-26
UPG-04	LIBERTY GENERAL INSURANCE LTD.	18-11-21	ICICI Lombard General Insurance Company Ltd.	03-11-21	ICICI Lombard General Insurance Company Ltd.	03-11-21

**Note:** The UPG-01 & UPG-02 both the Contractor has been advised to furnish the renewal copy of insurance. According to the Contractor assured to submit in due course.

### 21.2.3 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 15<sup>th</sup> January, 2020 to ensure the materials are procured from authentic source with applicable requisite compliances.

## 21.2.4 Borrow Areas

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

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	40	32	27	1	4	0	24	3	28
UPG-04	45	36	30	3	3	0	12	17	23
<b>Total</b>	<b>173</b>	<b>144</b>	<b>128</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>107</b>	<b>20</b>	<b>122</b>

**Note:**

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

**UPG-03:** Out of 40 BA; 32 (5+3) approved; Exhausted 27(5+3); [(5+3) represents as (5-Owner not agreed) + (3-Crop standing) = 8 & these 8 Borrow Pits eventually considered as Closed];

## 21.2.5 Unresolved Issues:

**UPG-02** Garautha-Chirgaon – Avenue Plantation works which to be taken-up by Forest Department, Jhansi Division. It is delaying because the payment for compensatory plantation transferred into MoEFCC, Govt.of India. Forest Division Jhansi has demanded to MoEFCC, Delhi to revert the amount. The Client/PWD-Jhansi has persued with Forest Dept. to start the work at earliest.

**UPG-04** Ground Water Permission awaited from Concerned licensing Authority (SGWB/DC).

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

### 21.2.5.1 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 <b>Demobilized</b>	Jr. Env. Spl. Mr. Karamveer Rana; <b>(Resigned (Oct-19)/ Demobilized)</b>	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; <b>Demobilized</b>	Mr. Vijay Singh Rajput; Mob. 8077181209 <b>(Demobilized in July-2020)</b>	Mr. Ashok Kumar; Mob. 7081205007) Appointed as EHS Officer (From 18-06-2020).	Mr. Shashikant Sharma; Joined 20-01-2021; <b>Not available from July-2021</b>

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

#### 21.2.5.2 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 guard manufacturing is being done; UPG-01 & UPG-04 – both the Contractor has 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.	0	4912
UPG-03	6219	10578	14.37	8500	2078
UPG-04	11079	31334	12.71	550	30784
<b>TOTAL</b>	<b>74190</b>	<b>63776</b>	<b>53.434</b>	<b>26002</b>	<b>37774</b>
UPG-01: 8476 Trees and 45960 saplings were cut; UPG-02: Plantation to be taken-up by Forest Department; UPG-04: In 4-lane section 850m length proposed for Shrub Plantation;					

#### 21.2.5.3 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	11
UPG-02 Garautha-Chirgaon	25	25	0	0
UPG-03 Gola-Shahjahanpur	114	0	35	79
UPG-04 Badaun-Bilsi-Bijnaour	122	0	29	93
<b>Total</b>	<b>303</b>	<b>67</b>	<b>64</b>	<b>172</b>
Note: UPG-01- Out of 121 identified RWH Str. 42 approved by Client; UPG-02 RWH Str. Completed - their function during monsoon is under review;				

#### 21.2.5.4 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-Harduananj;	0	Proposed location for use of flyash is not required, As 2 proposed bridges on realignment is now being constructed on existing alignment.
<b>Total</b>	<b>56040</b>		<b>17367</b>	<b>38673</b>

#### 21.2.5.5 Environmental Enhancement

**UPG-01** Environment Enhancement sites are verified – Contractor's proposal are documented & approved as there is no financial implication for shifting new sites in consultation of concerned community. Enhancement Work completed at all three locations.

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

**UPG-03** Revised Drawing reviewed and approved by AE; Construction of bathing Ghat at Pond initiated.

**UPG-04** Revised Drawing reviewed and approved by AE; Proposed enhancement at Dehpa Temple is to construct a New Hawankund, Existing Temple enha. (wall & Slab & 1 Chabutra. Construction of bathing Ghat at Pond and Temple works at vill-Dehpa is started.

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	Drawing 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)
		5+800	RHS	Pond	15	NIL	NIL	
		7+700	RHS	Temple	25	4	NIL	
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	In-progress
		52+000	LHS	School	15	NIL	NIL	Completed
UPG-04	2	61+500	LHS	Pond	NIL	4	1	Work stopped due to rain
		103+300	LHS	Temple	NIL	0	NIL	In-progress
<b>Total</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>19</b>	<b>2</b>	

**21.2.5.6 Other Construction Work Sites Related Issues:**

**UPG-01: Provisional Completion Certificate (PCC):** “The Engineer” has issued the PCC with effect from 12<sup>th</sup> July-2021 and further Final Completion Certificate issued on 12<sup>th</sup> August 2021; the Environmental Audit has been conducted by the Authority Engineer’s Environment Expert and Punch list prepared for the EMP concerned works, status is as below:

- (i) **ROW Cleaning and Construction of Unlined Drain:** As per CA it should be completed within 30 days from date of PCC – work completed.
- (ii) **Borrow Area Rehabilitation:** All 33 exhausted borrow pits are rehabilitated up to satisfaction of land owner and in conformity of EMP. DC’s applicable fee deposited and Owner’s Satisfactory NOC obtained for all 33 exhausted borrow pits – No issue.
- (iii) **Tree/Avenue Plantation:** locations w.r.t Schedule-B for plantation of 16952 trees are finalized. Plantation of all proposed saplings are completed; Contractor has been advised for providing Tree Guard.
- (iv) **Rainwater Harvesting:** locations w.r.t Schedule-D for construction of RWH-121nos. are finalized. Further the in consultation with Authority (EE-Jhansi) 42 RWH locations are approved for construction (AE’s letter Ref. EGIS/1325 dt.15/06/2021) – all approved 42 RWH are completed.
- (v) **O&M Manual:** Contractor has submitted revised O&M Manual vide letter no. GHV/Site/SH-42/Rath/801 Dated-01<sup>st</sup> April-2021 which is reviewed and approved as the Contractor has incorporated the EMP works and procedure of maintenance during O&M period (Ref. EGIS/1272 dt.20/04/2021)) – No Issue.

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

- (i) Pre-monsoon Activities notified by AE vide letter no. Egis India/LKO/UPCRNDP/2021/1357 dated 09-07-2021 to complete such as Drains cleaning/ CD & Structural Work site Cleaning/ cleaning around RWH structures, Jungle Cleaning report received from the Contractor vide letter no. NKC/HO/GC/2021-22/087 dated-21-07-2021.
- (ii) Base Camp (Ch.138+030 RHS) Lease Agreement was valid till 7<sup>th</sup> May, 2021 – noticed as closed; The Satisfactory closure and handing over NOC received from the Contractor (NKC-087 dt.21-07-21).
- (iii) A new building is hired on rent for PART-2 O&M works from Mr. Arjun Singh Yadav situated at Tah.Garautha on Moth Road in Town-Gursarai – the Rent Agreement shall be renewed yearly.
- (iv) Pre-monsoon Pollution Monitoring test report received – all parameters found within permissible limits
- (v) 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.

**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-** Partially waste are reutilized to fill the low-laying Pvt. & Govt. land with their no-objection consents. The stockpile waste materials available at Ch.14+200 Contractors Camp site to be disposed. **UPG-02** Removal of waste materials from site is



completed; Waste from Contractor's base camp are utilized to fill/raise low-lying area within the camp premises as desired by land owner– 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 to be plan; Waste materials are being stock piled within ROW and designated locations within Camp Area (Ch.102 and Ch.104).

### 21.3 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-H: 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
<b>Total</b>		<b>17</b>	<b>15</b>	<b>32</b>	
<b>Abbreviation:</b>	<b>E&amp;S:</b> Environment and Social; <b>OHS:</b> 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.

### 21.4 Construction Stage Monitoring

The Authority Engineers' (AE/PMC) Environmental Expert from Team Leader Office has visited the ongoing UPCRNDP Packages during this reporting month in conformity of Contract Provisions.

The progress of Implementation of Contract Environmental Management Plan (EMP) represented in paragraphs below:

Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
<b>Construction Site</b>			
Soil Erosion	UPG-01: Project Completed	NIL	NIL
	UPG-02: Project Completed	NIL	NIL
	UPG-03: Retaining wall at Ch.25+608	At Bridge Work site Ch.25+608 earth filling works completed except 100m of approaches on both end.	No soil erosion noticed; Retaining wall and embankment filling almost completed;
	UPG-04: Bridge Construction at Ch.120+468 and 130+020	On both end of Bridge approaches (apprx. Ch.120+468 & 130+020) the traffic was moving on temporary diversion since May-2021;	Recommended work completed;



Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
Top Soil Management	UPG-01 & UPG-02	UPG-01 & UPG-02: Top soil used on embankment slopes.	NIL
	UPG-03 & UPG-04	UPG-03 & UPG-04: Disposal sites are identified to dispose the surplus unusable materials.	Contractor has started to reuse preserved Top soil on embankment slope; Surplus materials yet to be estimate & reconcile;
Dust Pollution	UPG-01: NIL	NIL - Work completed	NIL
	UPG-02: NIL	NIL – Work completed	NIL
	UPG-03: NIL	NIL – No dust emission due to Rain	NIL
	UPG-04: NIL	NIL – No dust emission due to Rain	NIL
Borrow Area Redevelopment (Specification Sub Clause 111.2 and 302.5.5)	UPG-01	Project Completed	Project Completed
	UPG-02	Project Completed	Project Completed
	UPG-03	Out of 27 Exhausted Borrow Pits (8-unused BA are also considered as closed =35 Ref. above Table-14) 23 are Redeveloped;	To be expedite
	UPG-04	Ref. above Table-14; Redevelopment work started; Out of 30 exhausted BA 12 are rehabilitated;	To be expedite
Debris/ Unserviceable Material Disposal	UPG-01: Hamirpur-Rath	Except Disposal of waste materials stored at Ch.14+100 R/S – are completed	Contractor has been advised to close the issue at earliest.
	UPG-02: Item Rate Contract Package	Disposal Sites are Closed; The base camp land was retained up to 7 <sup>th</sup> May 2021 (O&M Phase) now leveled and redeveloped into agricultural land; The waste materials as obtained from dismantling of foundations are reused at one corner of land to raise height as desired by the land owner;	Restoration of Camp is completed the final Consent as obtained from land owner is received from the Contractor;
	UPG-03 & UPG-04	UPG-03 & UPG-04 - Disposal site identified – disposal work started.	UPG-03-NIL & UPG-04- NIL
Scarified Bitumen Disposal	UPG-01: EPC Contract – Disposal work is under progress	Disposal/ reuse of scarified materials on unpaved village approach roads is under progress in-consultation with concerned authority;	Few the satisfactory Closure NOC obtained from the concerned land owners. Final closure of both the camp is awaited.
	UPG-02: Item Rate Contract - Disposed	Disposal sites are closed; closure NOC Received from the Contractor.	Closed; Project Completed
	UPG-03 & UPG-04 - EPC Contract	UPG-03 & UPG-04: Contractor has planned to reuse materials as	UPG-01 Disposal and reused quantity at site to

Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
	Scarification / milling materials are stock piling in Camp area	(Reclaimed Asphalt Pavement-RAP).	be recorded.
Pollution Monitoring	Pollution has been conducted in all contract packages.	Air, water, Noise and Soil Monitoring for current quarter completed except UPG-02.	Water sprinkling to be continued in all working sites. PMC/PIU requested to ensure O & M phase monitoring in UPG-02
Construction Plant Site			
Dust Pollution Control Measures	Plant Site - Quarry & Crusher Operation – Materials borrowed from licensed Quarry Plant operation and Road work	UPG-01 (EPC) & UPG-02 (BOQ) – Project is completed; Construction Plants are demobilized; UPG-03 & UPG-04: EPC Contract Package Dust Control equipment fitted with plants– found satisfactory;	Additional Coal based aggregate heating burner at UPG-03 – Idle / Stopped / No use – amount against performance is withhold.
Hazardous Material Management		EPC Contractors (UPG-03 & UPG-04): 1. Discharge of used batteries – Handed over to the vendor 2. Spilled or leaked out fuel disposal – Avoided 3. Reuse of Bitumen Materials - Being used for Approach roads	Selected Vendor documents received from UPG-01; UPG-03 & UPG-04; Proper maintenance of waste generated, reuse and disposed records shall be maintained.
Fire & Electrical Safety		All the EPC Contractors: Fire Extinguisher – Provided Sand Bucket – Provided Electrical Safety - Complied PPEs for Workers –Not fully Complied	UPG-01 & UPG-02: completed – demobilized. EPC; UPG-03 & UPG-04: spillage should prevented.
First Aid Facility		Provided by All EPC Contractors	Provision of First Aid materials to maintained as per specification.
PUC Certificate Vehicles		UPG-03 & UPG-04 – record is being maintained.	To maintain records properly and to obtain for renewal of PUC Certificates. Regular verification of documents by the Contractor for timely renewal.
Base Camp			
Pollution, Health &Hygiene	Haulage access road	UPG-03 & UPG-04: Haulage road build with milled scarified materials;	UPG-03 & UPG-04: Found satisfactory
	Storage Activity	UPG-03: Satisfactory; UPG-04: Improvement required	UPG-04- proper segregation & stocking procedure to be followed.
	House Keeping	UPG-01- demobilized –cleaning	Proper house keeping with

Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
		work found satisfactory; UPG-03 - Satisfactory; UPG-04: Moderate Satisfactory – due to un-designated sites for storage of materials.	special attention at materials stock yards required.
	Storage of Oil Barrels	Leakage & Spillage of Oil - spillage has not been identified	To avoid leakage & Spillage by providing Sand / Saw dust bed beneath the barrels
	Workshop Activities	Tool Box Talk & Training on ESHS is being conducted by all EPC Contractors.	Soft copy of Summary of Reports are shared by PMC with Client;
	Sanitation Facility & Hygiene	UPG-01- 1 <sup>st</sup> camp demobilized & Camp Ch.14+200 is under demobilization; UPG-03: Found Satisfactory; UPG-04: Moderate Satisfactory –Toilets are un-hygienic; Soak pit & waste disposal Plan to be re-checked by the Contractor.	UPG-03: separate walkway access as advised for safe passage to workers is provided; Regular cleaning of toilets and camp/ mess area required maintaining hygienic condition.
	Solid Waste Disposal	UPG-01: Received – final closure Plan & report awaited; UPG-02: project completed-Final Closure NOC received – Found Satisfactory; UPG-03: disposal within camp site; 1-disposal site identified; UPG-04: Municipal consent received;	Solid Waste Management found OK
	DG Operation	At all EPC Package: Electrical Safety – Complied Proper PPEs for Workers – Missing in UPG-04;	Contractor has advised to enforce the CTO guidelines.
	Laboratory, Transportation, Storage & Kitchen Activity	UPG-03 & UPG-04: Found Satisfactory like Fire Extinguisher & Sand Bucket Placed	
	Health Check-up & HIV / AIDS - Health Awareness program	UPG-03 & UPG-04: Organized by the EPC Contractors	Complied Report submitted to Authority by PMC

## 21.5 Construction Site Management

### 21.5.1 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 02/09/2021	Available-Validity 26/04/2018 to 26/04/2022 (Renewed)	Available-Validity 02/01/2020 to 10/11/2021	Available-Validity 19/11/2019 to 17/11/2021
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 18/11/2021
6	Contractor All Risk Policy	Insurance Company	Available-Validity till 31/07/2022 (Renewed)	Available-Validity till 01/08/2022 (Renewed)	Available-Validity till 10/11/2021	Available-Validity till 03/11/2021
7	Hot Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
8	Hot Mix Plant - CTO (water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
9	Ready Mix Concrete-CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
10	Ready Mix Concrete - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
11	Wet Mix Plant -CTO (Air)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
12	Wet Mix Plant - CTO (Water)	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
13	DG Sets	UPPCB	Demobilized	Demobilized	Available-Validity till 31/12/2021	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 31/12/2021)
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 SEIAA permission now not required	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission 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

## 22 CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT

S.No.	REQUIRED DATA		UPG-01	UPG -03	UPG-04	UPG-02	TOTAL
	Description	Unit	Month of Aug, 21	Month of Aug, 21	Month of Aug, 21	Month of Aug, 21	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos	30	354	145	25	554
2	Man-hours worked / Day (as above)	Hrs.	360	2832	1740	200	5132
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	9360	65136	53940	1600	130,036
PROJECT CRASH DATA REPORT							
1	First Aid Incidents	Nos	0	2	5	0	7
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	6	0	3	0	9
c	Minor Injury(Road Incident Data )	Nos	1	0	4	0	5



d	Number of Near misses/ dangerous occurrences (including Property damage)	Nos	0	0	0	0	0
<b>PROJECT ROAD SAFETY IMPLEMENTATION STATUS</b>							
1	Road safety education and training	Nos	1	6	6	1	14
2	Percentage of compliance to unsafe acts & unsafe conditions	Nos	100%		100%	100%	100%
3	Number of Mock drill conducted	Nos	0	0	0	0	0
4	Awareness program conducted (Award / Reward to Worker / Engineers)	Nos	0	0	0	0	0
5	General Health checkup	Nos	0	0	1	0	1
<b>Note:- All data as provided by the contractor and verified by AE's Field Staff. UPG-02 (Garautha-Chirgaon) Project completed; O&amp;M Period is Under Progress.</b>							

## 22.1 Road Safety Project Implementation Status

<b>ROAD SAFETY IMPLEMENTATION STATUS</b>				
<b>Vision Plans to Minimize Accidents</b>				
<b>S.No</b>	<b>Project Name</b>	<b>Plans Description</b>	<b>Contractors Submission Date/ Letter No</b>	<b>AE's Approval Date and Letter No</b>
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
<b>CERTIFICATION &amp; IMPLEMENTATION OF ISO STANDARDS</b>				
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
<b>CURRENT MONTH AE'S OBSERVATIONS &amp; COMPLIANCE STATUS</b>				
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.				
<b>ROAD SAFETY EDUCATION &amp; TRAINING FOR ALL PROJECT EMPLOYEES</b>				
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	Condition
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	Training program of housekeeping and Using the PPE's Awareness	APCO & EGIS (HSE)	10
2	UPG-03 GSP-SH-93	Health & Hygienic and Covide-19 Awareness program	APCO & EGIS (HSE)	14

3	UPG-03 GSP-SH-93	Flagmen and Covid-19 Awareness program	APCO & EGIS (HSE)	5
4	UPG-03 GSP-SH-93	Adopted the safety measures work at height & Using the PPE's	APCO & EGIS (HSE)	20
5	UPG-03 GSP-SH-93	Health & Hygienic and Covid-19 Awareness program	APCO & EGIS (HSE)	12
6	UPG-03 GSP-SH-93	First-aid training & Covid - 19 Awareness	APCO & EGIS (HSE)	10
<b>Sl. No</b>	<b>Project Name</b>	<b>Description of program</b>	<b>Training provided by</b>	<b>No. of Person</b>
1	UPG-04 B-B-B SH-51	Covid-19 (Delta Variant) awareness	GAWAR & EGIS (HSE)	18
2	UPG-04 B-B-B SH-51	First aid Training	GAWAR & EGIS (HSE)	20
3	UPG-04 B-B-B SH-51	Material Handling Safety Training	GAWAR & EGIS (HSE)	17
4	UPG-04 B-B-B SH-51	Flagmen Training	GAWAR & EGIS (HSE)	06
5	UPG-04 B-B-B SH-51	Use of Appropriate PPE's	GAWAR & EGIS (HSE)	12
6	UPG-04 B-B-B SH-51	Fire Extinguisher Inspection & Training	GAWAR & EGIS (HSE)	09
<b>ROAD SAFETY INSPECTION BY AE's HSE TO PROJECT WORKING SITE</b>				
<b>S.No.</b>	<b>Project Name</b>	<b>Description of Program</b>	<b>Training provided by</b>	<b>Condition</b>
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
<b>Sl. No</b>	<b>Project Name</b>	<b>Description of program</b>	<b>Training provided by</b>	<b>No. of Person</b>
1	UPG-02 G-C SH-42	Project Completed: Inspection of all work site done by UPG-01 Staff	NKC & EGIS	Satisfactory
<b>Sl. No</b>	<b>Project Name</b>	<b>Description of program</b>	<b>Training provided by</b>	<b>No. of Person</b>
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
<b>Sl. No</b>	<b>Project Name</b>	<b>Description of program</b>	<b>Training provided by</b>	<b>No. of Person</b>
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

## 23 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 August 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. Social Expert visited UPG04 from First Sep to 3<sup>rd</sup> Sep 2021 to monitor the relocation of CPRs and other safeguards issues.

Out of Four Packages only, one namely UPG-3 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 93 Title Holders in UPG-3 (Gola-Shahjahanpur). 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 affecting 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 2.6499 Ha has been already acquired till current month 2021. Total 89.28% of the proposed private land has been acquired and the balance land of 0.1319 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-In.for 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	Item Rate Contract
3	UPG-03 (Gola-Shahjahanpur)	SH-93	57.535km	EPC Contract
4	UPG-04 (Badaun-Bilsi-Bijnaour)	SH-51	79.125km	EPC Contract
<b>Total Km</b>			<b>289.59Km</b>	

**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
<b>Total</b>		<b>92*</b>	<b>735</b>	<b>43</b>

\* 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 affecting only 84.

**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:

Package	STATUS OF R&R ASISTANCE DISBURSEMENT (SQUARTTERS & ENCHROACHERS)										
	Total (SQ , EN)	Revised (SQ,EN)	Total Amount approved	Revised amount to be disbursed	Amount disbursed so far				Total Amount disbursed so far.	Balance	Progress %
					I - Installment		II - Installment				
					(SQ , EN)	Amount disbursed	(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	42343544	39984941	366	20074249	355	19910692	39984941	0	100

\*UPG I- Total PAPs as per the revised details are 255 instead of 256. This happened as one of the PAP was repeated 2 times inadvertently which has been rectified.

\*UPG II- During execution of civil work one encroacher was found out of COI, therefore, in total 84 PAPs are affected instead of 85. Further, balance disbursement amount will not be required to be paid to 11 NTH due to minimization of social impact as therefore, no disbursement is pending.

\*UPG III- One squatter is to be paid second installment only. It could not be done because funds are not available as the current financial year has been ended and due to pandemic situations too. It was intimated by the authorities that pending disbursement will be done in mid-June, 2021.

\*UPG IV- During demarcation at the time of execution of civil work, 2 structures are found out of CoI and the same has been jointly verified with PWD, PMC, Contractor and affected persons.

**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	920000	825000	165	825000	0.00	100
*UPG-02	37	35	185000	175000	35	175000	0.00	100
*UPG-03	128	119	640000	595000	119	595000	0.00	100
*UPG-04	17	9	85000	45000	9	45000	0.00	100
<b>Total</b>	<b>366</b>	<b>328</b>	<b>1830000</b>	<b>1640000</b>	<b>328</b>	<b>1640000</b>	<b>0.00</b>	<b>100</b>

\*UPG I- 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 II- 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 III- 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 IV- 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.

## 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 revised 84 affected THs.

In this month Rs. 1,04,73,720/- has been disbursed and 11 number of conveyance deed have been signed. At village Piparia 11 numbers of THs are resisting of acquisition of a huge residential-cum-commercial structure which is about 30 years old. Almost 15 families are dependent on this structure for their livelihood. Apart from this, 2 more structures are to be impacted due to the project for which assessment is in progress. Due to these situations, requirement of land is being revised to minimize social impacts wherever possible and will be reported in subsequent report.

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
1	2	3	4	5	6	7	8	9	10	11	12
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	0.3572	0.0549	4857920
		Tajpur	0.972	23	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
<b>Total</b>			<b>3.0375</b>	<b>93</b>	<b>47015320</b>	<b>2.7818</b>	<b>84</b>	<b>43591560</b>	<b>2.6499</b>	<b>0.1319</b>	<b>41973320</b>

#### Status of Pending Land Compensation



District	Tehsil	Village	Khata No	Khasara No	Area of land under acquisition	Name of Owner/s	Reason for not completion
1	2	3	4	5	6	7	8
Kheri	Mohammadi	Dayanatpur	24	611d	0.0057	Ranjan Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	NGO has informed that earlier, the ownership was in the name of Shri Ram Avatar. 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 interim of age factor and are residing with their grandmother since 2019. For signing of balance registries with remaining minor legal heir, For obtaining of an affidavit in favour of the grand mother is in process by involving panchayat and the revenue authorities .
					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	
Kheri	Mohammadi	Macchecha	385	996	0.0368	Ram ashrey, S/o Lakshman Prasad	NGO has informed that No dues from bank is received and khatauni is updated from Tehsil. Registry of land can be processed .
			413	991	0.0181	Ram Pal, S/o Pyarey	NGO has informed that Ram Pal has died. The will has not been filed in the name of the son yet
		Sheetalpur	193	1391	0.054	Janki W/o Bhima	NGO has informed that Janki has died. His daughter has two sons who have not claimed property due to a family dispute
Total					0.1319		

## 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**

<b>Status of Identity Card of Non-Title Holder</b>				
<b>Sl. No.</b>	<b>Name of the Road</b>	<b>Preparation of Identity Card</b>	<b>Submission of Identity Card</b>	<b>Distribution of Identity Card</b>
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 28 are physically relocated and the rest 7 CPRs is under Construction. The balance 08 CPRs have not been started yet . The NGO and 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	8	9	0
UPG-04	20	11	11	11	8	3	0
<b>Total</b>	<b>60</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>31</b>	<b>12</b>	<b>0</b>

**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 as 1<sup>st</sup> priority; Construction works under progress for the last CPR .

**UPG-02-** Out of 4 identified structures; 2 are saved & 2 are completed (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. Contractor is requested to speed up the construction of relocation.

**UPG-04-** In CA 20 CPR structures are listed; total 11 structures are identified for relocation. All Design-drawing and construction plan with minor corrections are approved for relocation.

## 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 labourers 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 Microplan & 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**

Up to the Month of May the following details of IEC campaign and awareness generation program are as under:

<b>Package No.</b>	<b>Number of program</b>	<b>Issues covered</b>
UPG -03	3	HIV/AIDS, Road safety, child labour, gender issues and gender violence
UPG -04	3	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"> <li>• 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.</li> <li>• All required institutions have been duly established.</li> <li>• Requisites for implementation are largely met.</li> </ul>
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](http://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)**



## 24 **PART-C COMPONENT**

### 24.1 **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; 1 Audit completed for 3 EPC ongoing Projects; 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.	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;
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	RM is being monitored and mitigation plan shared viz. Covid-19 Pandemic
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

#### 24.2 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		Contract awarded and commencement from 08 August, 2014	M/s Egis India Pvt. Ltd
2	Independent Environmental and social review consultant.	QCBS	Prior	Contract awarded and commencement from 19 February , 2015	M/s EQMS India Pvt. Ltd.
3	Providing NGO (firm) Services (for Facilitating Implementation of resettlement Action Plan) .	LCS	Prior	Contract awarded and commencement from 03 Feb, 2018. Now Demobilized.	M/s Study Point Samiti
4	Gender Assessment and Preparation of Gender Action Plan.	QCBS	Post	Contract awarded and commencement from 18 July, 2019.	M/s ECORYS INDIA Pvt. Ltd.
5	Individual Consultant (IC) for the Consultancy Services to support the Social component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 05 May, 2020.	Mr. Prabhanjan Narayan Roy
6	Individual Consultant (IC) for the Consultancy Services to support the Environmental component under Environment and Social Development Cell (ESDC).	ICS	Post	Contract awarded and commencement from 06 May, 2020.	Dr. Seema Srivastava

7	Phase-1 of NGO (firm) services to undertake balance activities.	SSS	Post	Contract awarded and commencement from 21 October, 2020.	M/s Development Institute For Systems Alternatives.
8	Consultancy for Financial Management Firm.	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s Asija & Associates LLP
9	Consultant firms for conducting Road User Satisfaction Surveys (Baseline).	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s Marketing and Research Development Associates (MDRA)
10	Consultancy Services for Independent Quality Auditor for UP Core Road Network Development Project proposed from World Bank Loan.	QCBS	Post	Contract awarded and commencement from 18 January, 2021.	M/s TUV-SUV South Asia Private Limited
11	Phase-2 of Supervision Consultancy.	QCBS	Prior	The EoI was opened on 17 April, 2021. Procurement in progress.	
12	Phase-2 of NGO Services.	QCBS	Prior	The EoI was opened on 12 July, 2021. Procurement in progress.	
13	Mid-term evaluation of Road User Satisfaction Surveys.	QCBS	Prior	Not yet started	
14	End-term evaluation of Road User Satisfaction Surveys.	QCBS		Not yet started	
15	Consultancy for Internal Auditor (Financial)	QCBS		The EoI was opened on 19 July, 2021. Procurement in progress.	
16	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	The EoI was opened on 12 July, 2021. Procurement in progress.	.
17	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual)	QCBS	Prior	The EoI was opened on 12 July, 2021. No EoI Received.	

\*ICB-International Competitive Bidding:

\*NCB – National Competitive Bidding

**24.3 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		Submitted to Govt. for administrative approval and financial sanction	
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		DPR send to Bank for No Objection Certificate (NOC).	
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.**

## 24.4 Financial Progress of Consultant (PART-C)

Financial Expenditure of PMC Services up to August -2021

### **PART - C – Up to AUGUST 2021 (USD) - CLAIMED AMOUNT**

Sl. No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance
1	Remuneration for TL	\$1,124,640	\$1,225,501	\$743,837	\$481,664
<b>Gross Amount (Foreign Component)</b>		<b>\$1,124,640</b>	<b>\$1,225,501</b>	<b>\$743,837</b>	<b>\$481,664</b>

### **PART - C - Up to AUGUST 2021 (INR) - CLAIMED AMOUNT**

Sl 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	12,117,556	31,121,444
2	Reimbursable Expenses	18,552,152	30,896,321	18,655,504	12,240,817
<b>Total</b>		<b>70,586,552</b>	<b>74,135,321</b>	<b>30,773,060</b>	<b>43,362,261</b>
3	Escalation			3,509,458	
<b>Grand Total</b>		<b>70,586,552</b>	<b>74,135,321</b>	<b>34,282,518</b>	

**PART – B:**

**CONSTRUCTION SUPERVISION OF CIVIL WORKS**

**PHOTOGRAPHS**



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



Minor Bridge at CH 125+871 and MCB with Safety Sign Boards



Major Junction at CH 126+160 with Safety Sign Boards



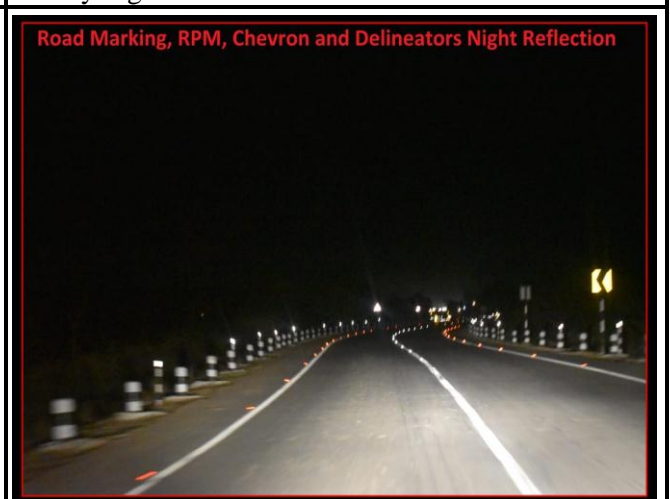
Box Culvert and Safety Sign Boards at CH 122+500



Bus Bay, Speed Breaker, Pedestrian Crossing and Safety Sign Boards



Over Head Gantry at Ch 131+145



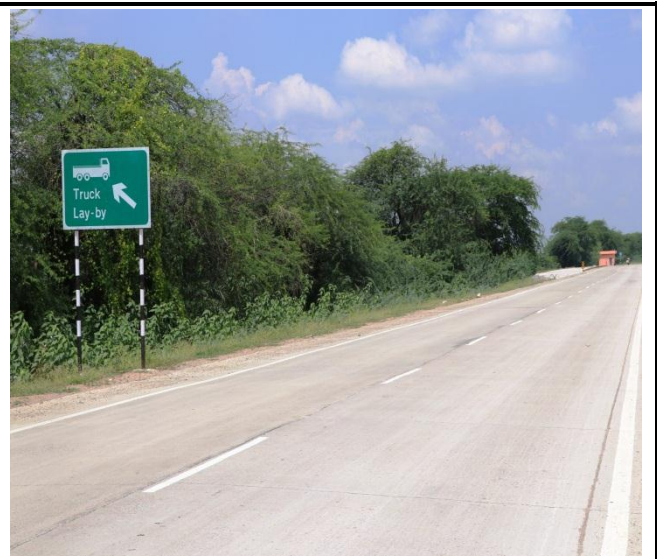
Road Marking, RPM, Chevron and Delineators



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



Pedestrian Crossing at CH 41+000



Truck Lay bye



Night View of Road



Truck Lay bye at CH 18+700



Village Muskara at CH 50+500



Pit Excavation by CRRI at CH 28+000 (RHS)



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



Major Bridge work in Progress @ Ch. 25+609



Boulder Pitching work at Ch. 21+510 Box Culvert



Minor Bridge @ Ch. 12+754 Work in Progress



Girder Casting completed for Major Bridge at CH 25+609



Tree Guard fixing work in Progress



MNB Abutment 2nd lift Concrete casting @ Ch. 12+759



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



Workers Health Checkup



Normal Consistency for Cement @ Base Camp 102+200 LHS



Minor Bridge at Ch 130+027



Paver Block at Ch. 72+400 RHS



Tool Box Talk meeting @ base camp 102+200 LHS



Tree Plantation at CH. 137+000

**Enclosure-1**

**Summary of Team Leader Office  
Correspondences**

**Minutes of Meeting (MoM) Letters**

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

### OUTGOING CORRESPONDANCES of TL OFFICE, LUCKNOW for the m/o AUGUST 2021

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	03.08.2021	Egis India/LKO/UPCRNDP/2021/1382	GHV	Intimation of Completed Items Specified in Punch List & Issuance of Completion Certificate as per Article 12 Clause 12.4	GHV letter No. 855 Dated 26.07.2021
2	03.08.2021	Egis India/LKO/UPCRNDP/2021/1383	APCO	Site Inspection Report of Sr. Bridge Engineer Mr. Rajiv Ranjan Verma from 28.07.2021 to 30.07.2021 in the month of July, 2021.	
3	04.08.2021	Egis India/LKO/UPCRNDP/2021/1384	GAWAR	Completion of Road Construction Work	SE,PWD,Moradabad letter No. 1176 Dated 03.08.2021
4	05.08.2021	Egis India/LKO/UPCRNDP/2021/1385	GAWAR	Tree Plantation Timing, Readiness and Stretch Availability – (REMINDER-1)	SE,PWD letter No. 1132(1122) Dated 02.08.2021, PD,PWD letter No. 557 Dated 29.07.2021 FF PWD letter No. 422 Dated 23.07.2021
5	05.08.2021	Egis India/LKO/UPCRNDP/2021/1386	GHV/APCO	Tree Plantation Timing, Readiness and Stretch Availability	PWD letter No. 557 Dated 557 Dated 02.08.2021
6	05.08.2021	Egis India/LKO/UPCRNDP/2021/1387	APCO	MINUTES OF MEETING Dated 03.08.2021 (Virtual Meeting)	
7	06.08.2021	Egis India/LKO/UPCRNDP/2021/1388	CE,PWD,Lucknow	Reimbursement of GST against Invoices claimed for the month of April 2021 against Part-B & C of UPCRNDP (USD and INR Components)	
8	06.08.2021	Egis India/LKO/UPCRNDP/2021/1389	GAWAR	Submission Credentials of M/s Setwell Coatings (India) Pvt. Ltd. (SETCO) for Road Marking (Painting) Material - <u>Concurred with Comments</u>	GAWAR letter No. 658 Dated 03.08.2021
9	09.08.2021	Egis India/LKO/UPCRNDP/2021/1390	CE,PWD,Lucknow	Mobilization of Technician Lab. Ms. Kilaparthi Visalakshi from 09.08.2021	UPPWD letter No. 1698 Dated 30.07.2021
10	09.08.2021	Egis India/LKO/UPCRNDP/2021/1391	CE,PWD,Lucknow	Reimbursement of GST against Invoices claimed for the month of May 2021 against Part-B & C of UPCRNDP (USD and INR Components)	
11	09.08.2021	Egis India/LKO/UPCRNDP/2021/1392	CE,PWD,Lucknow	Request to Release Outstanding Payment	
12	10.08.2021	Egis India/LKO/UPCRNDP/2021/1393	CE,PWD,Lucknow	Factory Visit of Sr. Material cum Quality Control Engineer, Mr. Alok Sinha for Source Approval of M/s Kataline Infra Products Private Ltd., M/s Vishal Pipe Ltd. and M/s Prakash Reflective Devices Pvt. Ltd.	

13	10.08.2021	Egis India/LKO/UPCRNDP/2021/1394	CE,PWD,Lucknow	Consolidated Quarterly Progress Report (CQPR) for the Period from April to June 2021	
14	10.08.2021	Egis India/LKO/UPCRNDP/2021/1395	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh, for Part-B Services from 18.08.2021 for Gola-Shahjahanpur Road Project	PWD letter No. 1754 Dated 05.08.2021
15	11.08.2021	Egis India/LKO/UPCRNDP/2021/1396	CE,PWD,Lucknow	Hit by Flood due to Heavy Rain	
16	12.08.2021	Egis India/LKO/UPCRNDP/2021/1397	CE,PWD,Lucknow	Submission of Detailed Project Report of Bahraich-Gonda-Faizabad Road (SH-30) – <b><u>BID Document</u></b>	E-Mail Dated 11.08.2021
17	12.08.2021	Egis India/LKO/UPCRNDP/2021/1398	CE,PWD,Lucknow	Mobilization of Quantity Surveyor Mr. Chandra Prakash Tiwari from 12.08.2021	UPPWD letter No. 1697 Dated 30.07.2021
18	13.08.2021	Egis India/LKO/UPCRNDP/2021/1399	GAWAR	Submission of Contractor's Proposal with relevant Documents for Both Minor Bridges at Ch. 120+468 & Ch. 130+021 with Approach Road under COS	GAWAR letter No. 650 Dated 02.08.2021 UPPWD letter No. 2449 Dated 16.10.2020
19	13.08.2021	Egis India/LKO/UPCRNDP/2021/1400	NKC	Site Inspection Note dated 27.07.2021	
20	13.08.2021	Egis India/LKO/UPCRNDP/2021/1401	NKC	Compliances of Site Inspection Note and Procedures and Works during Maintenance Period of 5 Years – PMC's Observations	NKC letter No. 016 Dated 23.04.2021 received on 04.06.2021.
21	13.08.2021	Egis India/LKO/UPCRNDP/2021/1402	GAWAR	Tree Plantation Timing, Readiness and Stretch Availability – <b><u>(REMINDER-2)</u></b>	UPPWD letter No. 1768 Dated
22	13.08.2021	Egis India/LKO/UPCRNDP/2021/1403	GAWAR	Regarding Rate Analysis of DBM Grade-I and DBM Grade-II with Reclaimed Bituminous Mix (RBM)	GAWAR letter No. 649 Dated 30.07.2021
23	13.08.2021	Egis India/LKO/UPCRNDP/2021/1404	APCO	Regarding Submission of Dense Bituminous Macadam (DBM) Mix Design (Job Mix Formula-JMF) Grade-I & Grade-II with Reclaimed Bituminous Mix (RBM)	APCO letter No. 326 Dated 22.10.2021

24	16.08.2021	Egis India/HO/UPCRNDP/UPG-01/72578/2021	GHV	Certificate of Completion – Clause 12.4 of Article 12 of Contract Agreement	GHV letter No. 859 Dated 10.08.2021
25	19.08.2021	Egis India/LKO/UPCRNDP/2021/1405	CE,PWD,Lucknow	Flood due to Heavy Rain	
26	19.08.2021	Egis India/LKO/UPCRNDP/2021/1406	NKC	Submitted Compliances of Defects during O&M Period are not as per Contract Agreement	NKC letter No. 105 Dated 17.08.2021 and 016 Dated 23.04.2021
27	19.08.2021	Egis India/LKO/UPCRNDP/2021/1407	GHV	Discharge the Bank Guarantee furnished by the Contractor under the Provision of Clause 7.5.3	GHV letter No. 860 Dated 17.08.2021
28	19.08.2021	Egis India/LKO/UPCRNDP/2021/1408	GAWAR	Site Visit Program of Deputy Team Leader from 20.08.2021 to 21.08.2021.	
29	19.08.2021	Egis India/LKO/UPCRNDP/2021/1409	SE,PWD,Lucknow	Interim Payment Certificate-12 (SPS-11)	RE Office letter No. 482 Dated 18.08.2021 and 477 Dated 13.08.2021 APCO letter No. 554 Dated 07.08.2021
30	19.08.2021	Egis India/LKO/UPCRNDP/2021/1410	NKC/GHV/ APCO	CRRRI Team Plan for Site Visits of Gola-Shahjahanpur Road Project, Hamirpur-Rath Road Project and Garautha-Chirgaon Road Project	UPPWD letter No. 1861 Dated 18.08.2021
31	19.08.2021	Egis India/LKO/UPCRNDP/2021/1411	CE,PWD,Lucknow	Consolidated Monthly Progress Report (CMPR) No. 25 for the month of July 2021	
32	19.08.2021	Egis India/LKO/UPCRNDP/2021/1412	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh, for Part-B Services on 23.08.2021	
33	19.08.2021	Egis India/LKO/UPCRNDP/2021/1413	CE,PWD,Lucknow	Mobilization of Road Safety Auditor for Road Safety Audit on 24.08.2021 to 26.08.2021	
34	21.08.2021	Egis India/LKO/UPCRNDP/2021/1414	SE,PWD,Kanpur	Witness of Post Completion Road Safety Audit on 25.06.2021	
35	23.08.2021	Egis India/HO/UPCRNDP/2021/Gen	CE,PWD,Lucknow	Leave of Acting Team Leader, Mr. Sarwan Singh Saini from 23.08.2021 to 28.08.2021	
36	23.08.2021	Egis India/LKO/UPCRNDP/2021/1415	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh, for Part-B Services from 23.08.2021	
37	27.08.2021	Egis India/LKO/UPCRNDP/2021/1416	CE,PWD,Lucknow	Request to Release Outstanding Payment	



38	27.08.2021	Egis India/LKO/UPCRNDP/2021/1417	CE,PWD,Lucknow	Submission of Variation Order No.03 for Part B & Part C of PMC Services - (Reminder-1)	
39	27.08.2021	Egis India/LKO/UPCRNDP/2021/1418	CE,PWD,Lucknow	Mobilization of Road Safety Auditor for Road Safety Audit from 24.08.2021 to 27.08.2021	
40	31.08.2021	Egis India/LKO/UPCRNDP/2021/1419	APCO	Site Visit & Factory Visit (for Bearing Testing at Yamuna Nagar) of Sr. Bridge Engineer from 31.08.2021 to 03.09.2021	

**INCOMING CORRESPONDANCES of TL OFFICE, LUCKNOW for the m/o AUGUST 2021****ENCLOSURE-1**

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	02.08.2021	GCL/CAMP/SH-51/BBB/2021/650	GAWAR	Regarding submission of required documents for both minor bridges diversion & approaches at ch. 130+021 & 120+468.	
2	02.08.2021	1132/2Com.WBPCBD/21	SE,PWD,Moradabad	Regarding Additional Compensatory Afforestation as per Environmental & Social Management Plan of Contract Agreement	
3	03.08.2021	1176/2 Com WBPC/21	SE,PWD,Moradabad	Regarding Completion of Road Construction Work by October 2021(CM/DCM wants to inaugurate in November 2021)	
4	05.08.2021	1754 EAP/SOCIAL/WB/1-12/UPCRNDP/CEEAP/2020	PD,PWD,LUCKNOW	Mobilization of Assistant Social Development Specialist, Mr. Bikram Bora from 11.08.2021 on Gola-Shahjahanpur Road	
5	06.08.2021	1767 EAP/1-12/UPCRNDP/CEEAP/2021	CE,PWD,Lucknow	PMIS Environmental Data Update	
6	06.08.2021	1768 EAP/1-12/UPCRNDP/CEEAP/2021	CE,PWD,Lucknow	Compliance's of Provisions of ESMP & Environmental Clauses under the Contract Agreement	
7	09.08.2021	NKC/HO/GC/2021-22/97	NKC	Notice under Clause 43.1 of GCC/SCC for Interest upon Delayed Payment of Balance Amount against IPC-24	
8	10.08.2021	GHV/Site/SH-42/Rath/859	GHV	Intimation of completed items specified Punch list & Issuance of Completion certificate as per Article 12 clause 12.4	Egis letter No. 71132 Dated 13.07.2021 GHV letter No. 595 Dated 30.10.2020 and 784 Dated 14.03.2020
9	12.08.2021	321/011/SH-88/2021	EE,PWD,Lucknow	Regarding Comments on Tender Document of SH-88 Bansi-Mehndawal-Khalilabad	
10	13.08.2021	GCL/CAMP/SH-51/BBB/2020/664	GAWAR	Regarding change of Scope for Additional Work of Road Marking.	

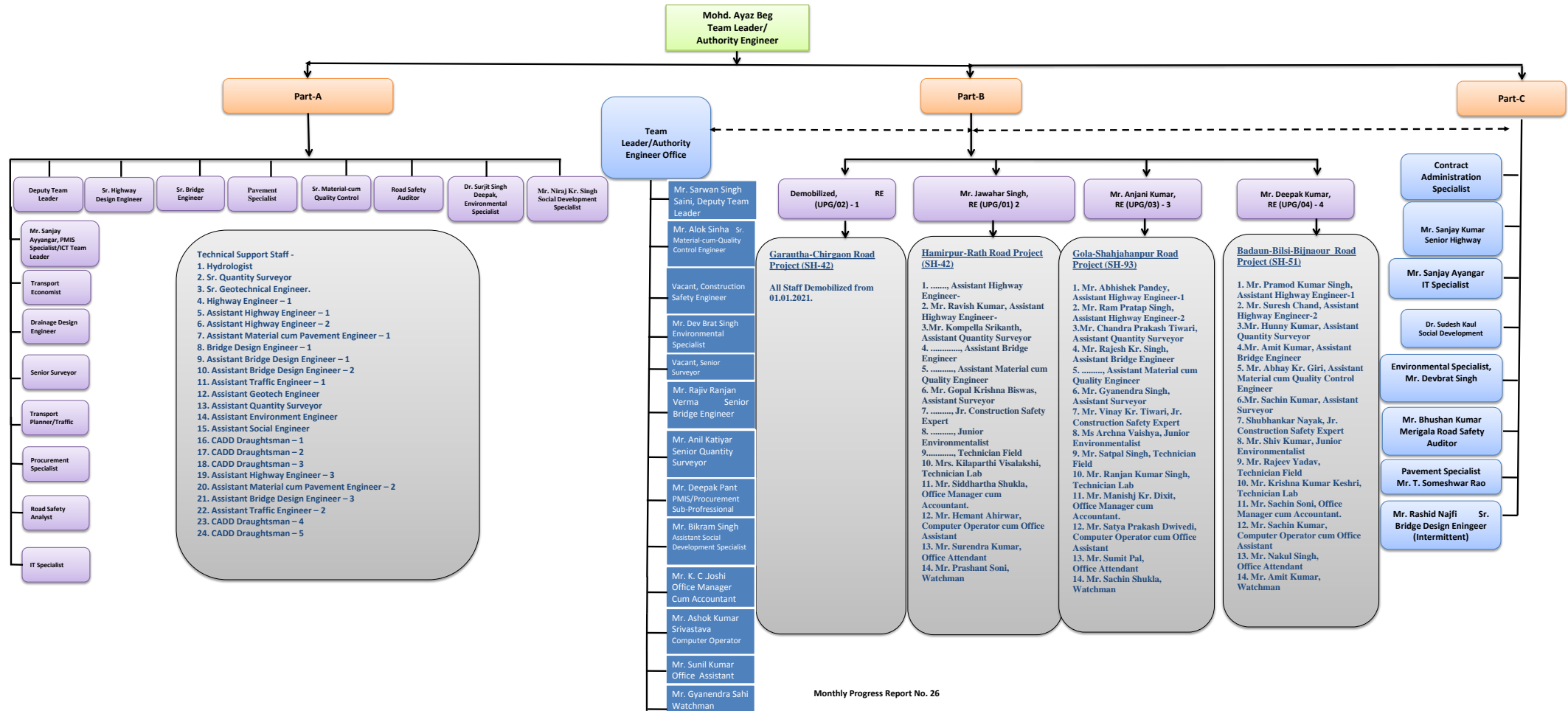
11	14.08.2021	APCO/WB-UPPWD/EGIS/ST/561	APCO	Regarding Submission of Compliance Report for Site Visit Inspection report of Deputy Team Leader and Environment Specialist.	
12	17.08.2021	GHV/Site/SH-42/Rath/860	GHV	Discharge the Bank Guarantee furnished by the Contractor under the Provision of Clause 7.5.3.	
13	17.08.2021	1851 EAP Meeting/CEEAP/2021	Project Director, UPPWD	Minutes of Meeting Dated 16.10.2021 Regarding Maintenance Policy of UPG-01 and UPG-02 Project	
14	17.08.2021	NKC/Site/GC/2021-22/105	NKC	Compliance of Site Inspection Note	
15	18.08.2021	1861/1-02/UPCRNDP/CEEAP/2021	PD,PWD,LUCKNOW	Evaluation and Inspection BY CRR I Team for the following Project Roads: Gola-Shahjahanpur-24.08.2021 to 26.08.2021 Hamirpur-Rath - 27.08.2021 and Garautha-Chirgaon - from 27.08.2021 onwards	
16	27.08.2021	APCO/WB-UPPWD/EGIS/ST/573	APCO	Regarding Submission of Comprehensive Interim application for Extension of Time (IEOT-2) due to various delays not attributable to the Contractor from Appointed Date ("AD") till 31st July 2021	
17	28.08.2021	APCO/WB-UPPWD/EGIS/ST/574	APCO	Regarding Relief for Contractor in view of prevailing situation due to COVID-19 as per MORTH Notification.	

**Enclosure-2**

# **PMC Organization Chart**

## 1.13 Consultant's Organization Chart

MONTH - AUGUST 2021



**Structure Details**  
**Hamirpur-Rath Road (UPG/01)**

**Package UPG-01 : "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath Section of SH-42 from Ch. Km 2+065 to Km 74+255 in the State of Uttar Pradesh**

**Work Status : Reconstruction of Minor Bridges**

**Work Done Upto**

**8/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE	Exca- vation	PCC	Raft	Wall	Deck Slab	Crash Barrier / Parapet	Drainage Spout	Return Wall	Approa ch Slab	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	47+829	47+814	Box Bridge (7.40x1=7.40 m )	Completed								Com	Not Started	Not Started	Com	Com	
2	(COS) 25+656	25+662	Box Bridge (7mx2 =14m)	Completed								Com	Not Started	Not Started	Com	Com	Widening In CA Converted Into Reconstruction In COS
3	(COS ) 68+695	69+148	Box Bridge (4.50mx2 =9m)	Completed								Com	Com	Com	Com	Com	Widening In CA Converted Into Reconstruction In COS
4	(COS) 71+443	70+887	Box Bridge (4.50mx2 =9m)	Completed								Com	Com	Com	Com	Com	Widening In CA Converted Into Reconstruction In COS

**\*\* Yellow Shade indicates Work Done/completed In Current Month**



**Package UPG-01 : "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath  
Section of SH-42 from Ch. Km 2+065 to Km 74+255 in the State of Uttar Pradesh**

**Work Status : Box Culverts ( Reconstruction & Additional )      Work Done Upto      8/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRA-NGEMT	Exca- vation	PCC	Raft	Wall	Deck Slab	Parapet On Deck Slab	Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	2+137	02+140	1X4.10m									Com	Com	Com	Re-construction
2	2+520		1x2m									Com	Com	Com	Additional
3	3+180		1x2m							Com.		Com	Com	Com	Additional
4	3+560	3+605	1x2m							Com.		Com	Com	Com	Additional
5	4+160	4+160	1x2m							Com.		Com	Com	Com	Additional
6	4+580	4+580	1x2m							Com.	Com	Com	Com	Com	Additional
7	6+588	6+585	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
8	7+661		1x1.5m							Com.	Com	Com	Com	Com	Re-construction
9	10+551	10+488	1x1.5m							Com	Com	Com	Com	Com	Re-construction
10	COS	10+936								Com.	Com	Com	Com	Com	(Widening In CA )
11	11+780	11+779	1x2m							Com.	Com	Com	Com	Com	Additional
12	13+815	13+815	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
13	16+240	16+240	1x2m							Com.	Com	Com	Com	Com	Additional
14	17+206	17+205	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
15	21+730	21+730	1x2m							Com.	Com	Com	Com	Com	Additional
16	22+642		1x2.6m							Com	Com	Com	Com	Com	Re-cons (Irrigation Canal)
17	COS	25+067								Com	Com	Com	Com	Com	(Widening In CA )
18	29+760	29+760	1x2m							Com.	Com	Com	Com	Com	Additional
19	COS	30+911								Com	Com	Com	Com	Com	(Widening In CA )
20	31+136	31+150	1x1.5m							Com	Com	Com	Com	Com	Re-construction
21	32+640	32+640	1x2m							Com.	Com	Com	Com	Com	Additional
22	33+323		1x1.5m							Com	Com	Com	Com	Com	Re-cons(Irr. Canal)
23	36+907	36+900	1x2.7m							Com.	Com	Com	Com	Com	Re-construction
24	39+190	39+190	1x2m							Com	Com	Com	Com	Com	Additional
25	40+500		1x2m							Com	Com	Com	Com	Com	Additional
26	COS	41+627								Com	Com	Com	Com	Com	Repairing In CA
27	51+768		1x2m							Com.	Com	Com	Com	Com	Re-construction
28	51+868		1x1.5m							Com.	Com	Com	Com	Com	Re-construction
29	54+927	54+913	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
30	58+171	58+171	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
31	58+809	58+790	1x2.5m							Com.	Com	Com	Com	Com	Re-construction
32	59+051	59+240	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
33	61+060	61+060	1x2m							Com.	Com	Com	Com	Com	Additional
34	62+751	62+751	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
35	63+454	Shifted to 26+065	1x2.5m							Com.	Com	Com	Com	Com	Re-construction
36	64+370	64+370	1x2m							Com.	Com	Com	Com	Com	Re-construction
37	64+930	64+930	1x2m							Com.	Com	Com	Com	Com	Re-construction
38	65+605	65+605	2x3.5m							Com.	Com	Com	Com	Com	Re-construction
39	66+650	66+650	1x1.5m							Com.	Com	Com	Com	Com	Re-construction
40	COS	71+390								Com.	Com	Com	Com	Com	Repairing In CA
41	72+600	72+627	1x2m							Com	Com	Com	Com	Com	Additional
42	73+800	73+800	1x2m							Com	Com	Com	Com	Com	Additional
43	74+590	74+590	1x2m							Com	Com	Com	Com	Com	Additional

Reconstruction Culverts

= 27 Nos

Additional Culverts

= 16 Nos

**\*\*Yellow Shade indicates Work Done/completed In Current Month**

Package UPG-01 : “Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath Section of SH-42 from Ch. Km 2+065 to Km 74+255 in the State of Uttar Pradesh													
Work Status : Hume Pipe Culverts ( Reconstruction & Additional )										Work Done Upto		8/31/2021	
SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Laying	Pipe Encasing	Quadrant Pitching	Flexible Apron	Remarks
				Excav - ation	PCC	1st Lift	2nd Lift	Final lift					
1	5+420	5+420	1x1200 mm	Completed						With Encasing	Com	Com	Additional
2	5+821	05+820	1x1200 mm	Completed						Without Encasing	Com	Com	Re-cons. (Irri. canal)
3	7+341	7+341	1x1200 mm	Completed						Without Encasing	Com	Com	Re-cons. (Irri. canal)
4	8+311	08+310	1x1200 mm	Completed						With Encasing	Com	Com	Re-cons. (Irri. canal)
5	11+194	11+190	1x1200 mm	Completed						Without Encasing	Com	Com	Re-cons. (Irri. canal)
6	13+436	13+432	4x1200 mm	Completed						Without Encasing	Com	Com	Re-cons. (Irri. canal)
7	13+776	13+773	1x1200 mm	Completed						Without Encasing	Com	Com	Re-constr.
8	15+560	15+560	1x1200 mm	Completed						Without Encasing	Com	Com	Additional
9	18+300	18+298	1x1200 mm	Completed						With Encasing	Com	Com	Additional
10	23+520	23+518	1x1200 mm	Completed						Without Encasing	Com	Com	Additional
11	26+490	26+485	1x1200 mm	Completed						Without Encasing	Com	Com	Additional
12	28+740	28+735	1x1200 mm	Completed						With Encasing	Com	Com	Additional
13	30+320	30+319	1x1200 mm	Completed						With Encasing	Com	Com	Additional
14	31+800	31+797	1x1200 mm	Completed						With Encasing	Com	Com	Additional
15	42+210	42+220	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
16	COS	42+438	1x1200 mm	Completed						Without Encasing	Com	Com	Not In CA
17	43+644	43+631	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
18	43+901	43+900	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
19	44+328	44+312	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
20	44+576	44+560	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
21	45+101	45+100	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
22	45+375	45+359	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
23	46+061	46+057	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
24	46+151	46+200	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
25	49+539	49+525	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
26	53+120	53+116	1x1200 mm	Completed						With Encasing	Com	Com	Additional
27	55+721	55+704	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
28	56+121	56+106	1x1200 mm	Completed						With Encasing	Com	Com	Re-cons. (Irri. canal)
29	56+335	56+314	1x1200 mm	Completed						Without Encasing	Com	Com	Re-constr.
30	56+676	56+652	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
31	COS	58+480	1x1200 mm	Completed						Without Encasing	Com	Com	Not In CA
32	60+200	60+100	1x1200 mm	Completed						Without Encasing	Com	Com	Additional
33	67+170	67+160	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
34	68+080	68+059	1x1200 mm	Completed						With Encasing	Com	Com	Re-constr.
35	70+160	70+150	1x1200 mm	Completed						With Encasing	Com	Com	Additional
36	74+020	74+020	1x1200 mm	Completed						Without Encasing	Com	Com	Additional

Reconstruction Culverts

= 24Nos

Additional Culverts

= 12 Nos

\*\*Yellow Shade indicate Work Done/completed In Current Month

Package UPG-01 : “Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath Section of SH-42 from Ch. Km 2+065 to Km 74+255 in the State of Uttar Pradesh															
Work Status : Box/Slab Culverts (Widening & Repairing)											Work Done Upto : 8/31/2021				
SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Slab	Para-pet	Wing / Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flex. Apron	Remarks
**	(10+936)		1X2m	COS : Converted Into Box Culvert Recon.							NA	NA	NA	NA	Box Culvert
1	12+487	12+490	1X3m	Completed							NA	NA	NA	NA	Slab Culvert
2	13+156		1X4.2m	Completed							NA	NA	NA	NA	Box Culvert
**	(25+067)		1X4.2m	COS : Converted Into Box Culvert Recon.							NA	NA	NA	NA	Box Culvert
3	26+901		1X3m	Completed							NA	NA	NA	NA	Slab Culvert
**	(30+911)		1X4.2m	COS : Converted Into Box Culvert Recon.							NA	NA	NA	NA	Box Culvert
4	COS	34+458	1X1.8m	Completed							NA	NA	NA	NA	Slab Culvert Repairing In CA
5	47+591		1X1.5m	Completed							NA	NA	NA	NA	Slab Culvert
6	54+136		1X1.7m	Completed							NA	NA	NA	NA	Slab Culvert (Irri. canal)
7	COS	57+856	1X1.5m	Completed							NA	NA	NA	NA	Not In CA (Arch Culvert)
8	59+351	59+440	1X2.5m	Completed							NA	NA	NA	NA	Box Culvert ( HPC)
9	63+785		1X0.9m	Completed							NA	NA	NA	NA	Slab Culvert
10	65+740		1X1.2m	Completed							NA	NA	NA	NA	Slab Culvert
11	67+130		1X1.5m	Completed							NA	NA	NA	NA	Slab Culvert
12	71+216		2X2.4m	Completed							NA	NA	NA	NA	Slab Culvert
Work Status : Hume Pipe Culverts (Widening & Repairing)															
SN	CA Design Chainage	Actual Chainage As Per Site	SIZE OF CULVERTS	Head Wall					Pipe Without Encasing		Pipe Laying	Quadrant Pitching	Flex. Apron	Remarks	
				Excavation	PCC	1st Lift	2nd Lift	Final Lift	Excavation	Pipe Bedding by GM					
1	9+544	09+540	2x900 mm	Completed								NA	NA	Hume Pipe Culvert	
2	12+286	12+290	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
3	14+275	14+275	2x1200 mm	Completed								NA	NA	Hume Pipe Culvert	
4	14+801	14+800	2x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
5	17+873	17+880	1x1200 mm	Completed								NA	NA	Hume Pipe Culvert	
6	19+776	19+773	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
7	20+621	20+618	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
8	20+707	20+706	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
9	27+511	27+510	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
10	28+071	28+070	1x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
11	34+924	34+920	1x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
12	51+523	51+525	1x900 mm	Completed								NA	NA	Hume Pipe Culvert	
13	68+204	68+183	2x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
14	68+290	68+276	1x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
15	69+106	69+077	1x1000 mm	Completed								NA	NA	Hume Pipe Culvert	
16	72+286	72+300	2x1000 mm	Completed								NA	NA	Hume Pipe Culvert	

Box Culvert

= 2 No

Slab Culverts

= 9 No

Arch Culvert

= 1 No

HP Culvert

= 16 Nos

\*\*Yellow Shade indicates Work Done/completed In Current Month

**Package UPG-01 : "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Hamirpur-Rath Section of SH-42 from Ch. Km 2+065 to Km 74+255 in the State of Uttar Pradesh**

**Work Status : Major/Minor Bridge Repairing** **Work Done Upto** **8/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN OF STRU-CTURE	Description Of Works	Remarks
1	41+128	41+086	2x3.45m=6.90m	Completed	Minor Bridge(Irrigation Canal)
2	43+363	43+319	2x5.5m=11m	Completed	Minor Bridge(Irrigation Canal)
3	45+906	45+861	(2x4.6+4.8)m=14m	Completed	Minor Bridge(Irrigation Canal)
4	48+187	48+085	(1x4.3+1x2.3)m=6.6m	Completed	Minor Bridge
5	57+930	57+442	(2x3.825+3.85)m=11.50m	Completed	Minor Bridge(Irrigation Canal)
6	59+731	59+820	8x30m=240 m	Completed	Major Bridge

**Work Status : Culverts Repairs**

SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Structure	Description Of Works	Remarks
1	24+103	24+100	1x3 m	Completed	Slab Culvert
2	34+166	34+165	1x0.9 m	Completed	Pipe Culvert
**	COS (34+458)	34+450	1x1.8m	COS : Repairing Of Culvert Converted Into Widening & Repairing Of Culverts	Slab Culvert
3	35+466	35+450	1X2.5m	Completed	Slab Culvert(Irrigation canal)
4	36+264	36+263	1X1m	Completed	Pipe Culvert
5	37+986	37+285	1X1.25m	Completed	Slab Culvert(Irrigation canal)
6	41+334	41+330	1X0.75m	Completed	Slab Culvert
**	COS (41+627)	41+630	2X0.75m	COS : Repairing Of Culvert Converted Into Reconstruction Of Box Culvert	Slab Culvert
7	46+440	46+460	2X1m	Completed	Pipe Culvert
8	49+191	49+190	2X1m	Completed	Pipe Culvert
9	49+705	49+700	1X1m	Completed	Pipe Culvert
10	50+491	50+490	1X1m	Completed	Slab Culvert(Irrigation canal)
11	54+551	54+550	1X1m	Completed	Pipe Culvert
12	68+657	68+660	1X1.5m	Completed	Slab Culvert
**	COS (71+390)	71+390	1X1.5m	COS : Repairing Of Culvert Converted Into Reconstruction Of Box Culvert	Slab Culvert

Major Bridges = 1 No

Minor Bridges = 5 Nos

Culverts = 12 Nos

**\*\*Yellow Shade indicates Work Done/completed In Current Month**

**Structure Details**  
**Gola-Shahjahanpur Road (UPG/03)**

**Package UPG-03: "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 in the State of Uttar Pradesh**

Work Status : Reconstruction of Major Bridge											Progress Upto : 31/08/2021			
SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE & SPAN ARRANGEMENT	PART	FOUNDATION		SUB-STRUCTURE			SUPER STRUCTURE	CRASH BARRIER	Expansion Joint	Drainage Spout	REMARKS
					Total no of Piles	No of Piles Completed	Pile Cap	ABT / PIER SHAFT	ABT / PIER CAP					
1	25+613	25+608	RCC Girder with Pile Foundation (19mx2+19.5mx4=116 m)	A1	10	Completed				Casting of All Precast Girders Completed(Total 30 Nos)				Bearing Padestal & Retaining Wall Work in Progress
				P1	4									
				P2	4									
				P3	4									
				P4	4									
				P5	4									
				A2	10									

**\*\* Yellow Shade Indicates Work Done/Completed In Present Month**

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status : Reconstruction of Minor Bridges On Pile Foundation											Progress Upto :			31/08/2021		
SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE & SPAN ARRANGEMENT	PART	FOUNDATION			SUB-STRUCTURE			ABT / PIER CAP	SUPER STRUCTURE	CRASH BARRIER	Expansion Joint	Drainage Spout	REMARKS
					Total no of Piles	No of Piles Completed	Pile Cap	1st Lift	2nd Lift	3rd Lift						
1	12+754	12+758	RCC Girder with Pile Foundation (15mx2+21mx1=51 m)	A1	10	10	Com.	Completed								RCC Girder casting under progress(2No.)
				P1	4	4	Com.	Comleted								
				P2	4	3	Com.	Comleted								
				A2	10	10	Com.									
2	43+680	43+685	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed								One Initial Test Pile Casting Balance	
				A2	8	8	Completed									
3	46+987	46+989	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed									
				A2	8	8	Completed									
Work Status : Reconstruction of Box Type Minor Bridge																
SN	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE	Excavation	PCC	Raft	Wall			Top Slab	Crash Barrier	Drainage Spout	Rigid Apron	Flexible Apron	Remarks	
							A1	P1	A2							
1	52+419	52+436	Box Bridge (6mx2=12 m)	Completed							IP	IP	IP			

\*\* Yellow Shade Indicates Work Done/Completed In Present Month



**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status : Cattle Under Pass													Progress Upto : 31/08/2021			
Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Top Slab	Crash Barrier / Parapet	Wing Wall		Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
										LHS	RHS					
1	CUP	12+870	1x7m	Completed						Completed						COS
2	CUP	13+650	1x7m	Completed												COS
3	CUP	15+205	1x7m	Completed					Com	Completed	Completed					COS

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status : Box Culverts (New/Re-construction)													Progress Upto :			31/08/2021	
Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Top Slab	Crash Barrier / Parapet	Fly Back Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible	Remarks		
1	5+510	5+511	1x5m	Completed											Re-construction		
2	8+192	8+194	1x2m	Completed											Re-construction		
3	12+380	12+380	1x2m	Completed											Additional		
**	13+000	13+000	1x2m	Deleted Due to CUP Construction											Additional		
**	13+570	13+569	1x2m	Deleted Due to CUP Construction											Additional		
4	14+453	14+460	1x2.5m	Completed											Re-construction		
5	16+791	16+798	1x1.5m	Completed											Re-construction		
6	19+433	19+441	1x3m	Completed											Re-construction		
7	20+049	20+058	1x2m	Completed											Re-construction		
8	21+510	21+509	1x2m	Completed											Additional		
9	22+597	22+607	1x1.5m	Completed											Re-construction		
10	22+911	22+919	1x1.5m	Completed											Re-construction		
11	23+975	23+985	1x2m	Completed								Completed	IP	Completed	Re-construction		
12	24+142	24+152	1x1.5m	Completed											Re-construction		
13	30+900	30+903	1x2m	Not Required As Per Site condition											Additional		
14	33+400	33+403	1x2m	Completed									IP	IP	Additional		
15	35+700	35+713	1x1.5m	Completed											Re-construction		
16	36+200	36+203	1x2m	Completed											Additional		
17	42+826	42+842	1x2m	Completed											Re-construction		
18	50+576	50+595	1x3m	Completed											Re-construction		
19	54+560	54+563	1x2m	Completed											Additional		

Reconstruction Culverts = 13 Nos

Additional Culverts = 6 Nos

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Total = 19 Nos

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status of Hume Pipe Culverts										Progress Upto :				31/08/2021	
SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Laying	Pipe Without Encasing		Quadrant Pitching	Flexible Apron	Remarks	
				Exca- vation	PCC	1st Lift	2nd Lift	Final lift		Exca- vation	Pipe Bedding by GM				
1	2+760	2+799	1x1200mm	Completed						With Encasing		Completed		Additional	
2	6+301	6+301	1x1200mm	Completed						With Encasing		Completed		Re-construction	
3	6+609	6+609	1x1200mm	Completed						Without Encasing		Completed		Re-construction	
4	7+511	7+525	1x1200mm	Completed						Without Encasing		Completed		Re-construction	
5	9+258	9+261	1x1200mm	Completed						Without Encasing		Completed		Re-construction	
6	9+677	9+677	1x1200mm	Completed						Without Encasing			Completed	Re-construction	
7	10+700	10+703	1x1200mm	Completed						With Encasing		Completed		Re-construction	
8	13+720	13+719	1x1200mm	Completed						Without Encasing		Completed		Additional	
9	15+593	15+600	1x1200mm	Completed						With Encasing		Completed		Re-construction	
10	16+183	16+170	1x1200mm	Completed						Without Encasing		Completed		Re-construction	
11	16+984	16+991	1x1200mm	Completed						Without Encasing		Completed		Re-construction	
12	18+050	18+057	2x1200mm	Completed						Without Encasing		Completed		Re-construction	
13	24+365	24+376	1x1200mm	Completed						With Encasing		Completed		Re-construction	
14	26+440	26+443	1x1200mm	Completed						With Encasing		Completed		Additional	
15	28+440	28+443	1x1200mm	Completed						With Encasing		Completed		Additional	
16	30+705	11+269	1x1200mm	Completed						With Encasing		Completed		Shifted to Ch.11+269	
17	46+918	46+939	1x1200mm	Completed						With Encasing		Completed		Re-construction	

Reconstruction Culverts = 13 Nos

Additional Culvert = 4 Nos

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

Work Status of (Widening+Repair ) of Minor Bridge													Progress Upto : 31/08/2021	
SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Side Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall	Rigid Apron	Flexible Apron	
1	1+400	1+399	1x8.8m	Completed										
2	7+160	7+162	2x6.3m+1x6.6 m =19.20m	Completed							Completed			
3	49+409	49+426	1x7.2m+1x7.6m+1 x6.1m =20.90 m	Completed										

Package UPG-03: “Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh															
Work Status : Box / Slab Culverts (Widening & Repairing)												Progress Upto :		31/08/2021	
Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGE MENT	Exca - vation	PCC	Raft	Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall	Rigid Apron	Flexible Apron	Remarks	
1	1+769	1+768	1x1.8m	Widening Not Required										Box Culvert	
2	3+170	2+692	1x2m	Widening Not Required										Box Culvert	
3	3+441	3+441	1x2m	Completed										Box Culvert	
4	4+139	4+140	1x1.5m	Completed										Box Culvert	
5	7+865	7+865	1x2m	Removed as per Client's Instruction										Box Culvert	
6	11+303	11+306	1x2m	Completed							N/A		Completed		Slab Culvert
7	11+878	11+881	1x2m	Completed										Box Culvert	
8	17+362	17+368	1x4m	Completed										Box Culvert	
9	20+817	20+826	1x2m	Completed										Box Culvert	
10	27+984	27+993	1x1.5m	Completed										Box Culvert	
11	29+174	29+183	1x2m	Completed										Box Culvert	
12	32+134	32+146	1x4m	Completed											Box Culvert
13	37+936	37+950	1x4m	Completed										Box Culvert	
14	38+817	38+831	1x2m	Completed							N/A		Completed		Slab Culvert
15	39+487	39+501	2x1.8m	Completed							N/A		Completed		Slab Culvert
16	40+675	40+690	1x1.5m	Completed										Box Culvert	
17	41+177	41+189	1x2m	Completed							N/A		Completed		Slab Culvert
18	41+221	41+236	1x1.5m	Completed										Box Culvert	
19	42+025	42+028	1x2m	Completed							N/A		Completed		Slab Culvert
20	42+598	42+614	1x2m	Completed							N/A		Completed		Slab Culvert
21	43+025	43+041	1x2m	Completed							N/A		Completed		Slab Culvert
22	43+188	43+204	1x4m	Completed										Box Culvert	
23	44+155	44+171	1x4m	Completed							N/A		Completed		Slab Culvert
24	44+534	44+550	1x2m	Completed							N/A		Completed		Slab Culvert
25	44+971	44+987	1x1.8m	Completed							N/A		Completed		Slab Culvert
26	45+536	45+553	1x2m	Completed							N/A		Completed		Slab Culvert
27	46+058	46+075	1x2m	Completed							N/A		Completed		Slab Culvert

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

**Work Status : Box / Slab Culverts (Widening & Repairing)**

**Progress Upto :**

31/08/2021

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGE MENT	Exca - vation	PCC	Raft	Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
28	47+267	47+284	1x1.5m	Widening Not Required										Box Culvert
29	48+117	48+134	1x2m	Completed										Box Culvert
30	48+873	48+890	1x1.5m	Completed						N/A		Completed		Slab Culvert
31	50+015	50+033	1x2m	Completed										Box Culvert
32	51+466	51+484	1x1.5m	Completed										Box Culvert
33	53+777	53+796	1x1.5m	Completed										Box Culvert
34	55+404	55+425	1x1.5m	Completed										Box Culvert ( Only LHS Widening )
35	57+864	57+884	1x1.5m	Completed										Box Culvert

**Work Status : HP Culverts (Widening & Repairing)**

SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Without Encasing		Pipe Laying	Quadrant Pitching	Flexible Apron	Remarks
				Excavation	PCC	1st Lift	2nd Lift	Final Lift	Excavation	Pipe Bedding by GM				
1	46+189	46+204	1x1000 mm	Completed										Hume Pipe Culvert

Box Culvert	=	22	Nos
Slab Culverts	=	13	Nos
HP Culvert	=	1	Nos
<b>Total</b>	<b>=</b>	<b>36</b>	<b>Nos</b>

**Package UPG-03: "Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Gola -Shahajhanpur Section of SH-93 from Km 1+280 to Km 58+580 in the State of Uttar Pradesh**

**Work Status : Minor Bridge Repairs** **Progress Upto : 31/08/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Details Of Work Done	Remarks
1	18+870	18+878	2x3.05m=6.10 m	Completed	Retained With Repair
2	34+042	34+054	2x2.55m+3m =8.10m	Completed	Retained With Repair
3	35+238	35+250	2x2.7m+1x3m = 8.40 m	Completed	Retained With Repair
4	39+835	39+850	2x2.75m+1x3.2m = 8.70 m	Completed	Retained With Repair
5	41+674	41+689	2x2.75m+1x3.2m = 8.70 m	Completed	Retained With Repair

**Work Status : Culverts Repairs**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Details Of Work Done	Remarks
1	4+534	44+987	3x1.80m =5.40m	Completed	Arch Type Culvert
2	4+937	45+553	1x2.4m	Completed	Arch Type Culvert
3	7+849	7+851	1x4m	Completed	Slab Culvert
4	8+806	8+808	1x2m	Completed	Slab Culvert
5	10+214	10+216	1x1m	Completed	Slab Culvert
6	11+680	11+683	1x1.8m	Completed	Slab Culvert
7	44+059	44+075	1x2m	Completed	Slab Culvert
8	46+686	46+702	1x1.8m	Completed	Arch Type Culvert
9	56+136	56+156	1x1.5m	Completed	Slab Culvert
10	57+126	57+146	1x2m	Completed	Slab Culvert

Minor Bridges Repair = 5 Nos

Culverts Repair = 10 Nos

**Total = 15 Nos**



**Structure Details**  
**Badaun-Bils-Bijnaour Road (UPG/04)**

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : Reconstruction of Minor Bridge**

**Progress Upto**

**8/31/2021**

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	TYPE OF STRUCTURE	PART	Excavation	PCC	Raft	Wall	Deck Slab	Crash Barrier / Parapet	Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	120+468		Box Type Bridge (4x11.25 m ) =45m)	A1	Completed		Completed	Completed	Completed		I.P					Pile Foundation Bridge In CA Is Converted Into Box Type Brige
				P1				Completed	Completed							
				P2			Completed	Completed	Completed							
				P3												
				A2												
2	130+021		Box Type Bridge (2x8.5 m ) =17 m)	A1	Completed			Completed	Completed	Completed	Completd					
				P1												
				A2												

**\*\*Yellow Shade indicates Work Done/Completed In Current Month**

<b>Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh</b>															
<b>Work Status : Box Culverts ( Reconstruction &amp; Additional )</b>										<b>Progress Upto :</b>			<b>8/31/2021</b>		

SN .	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Deck Slab	Crash Barrier / Parapet	Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	80+265		1X1.5m	Completed In November ,2020											Re-construction
2	85+797		1X1.5m	Completed In October,2020						IP					Re-construction
**	86+226		1X1.5m	Converted Into Box Culvert Widening											Re-construction
3		86+867	1x3.5 m	Completed						Completed					Widening In CA Converted Into Reconstruction
4	93+068		1X1.5m	Completed						Completed	Completed				Re-construction
5	95+115		1x2m	Completed						Completed	Completed				Additional
6	101+864		1x2m	Completed						Completed	Completed	Completed	Completed		Additional
7	112+644		1x2m	Completed						Completed	Completed	IP	IP		Additional
8	113+813		1X1.5m	Completed						Completed	Completed				Re-construction
9	118+784		1x2m	Completed						Completed	Completed	Completed	Completed		Additional
10	125+076		1X1.5m	Completed											Re-construction
11	125+302		1X1.5m												Re-construction

Reconstruction Culverts = 7 Nos

Additional Culverts = 4 Nos

**\*\*Yellow Shades indicates Work Done/Completed In Current Month**

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : Slab Culverts ( Reconstruction )**

**Progress Upto :**

**8/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Abutment Wall	Top Slab	Crash Barrier / Parapet	Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	65+725		1x1.5m	Completed In December ,2020						Com	Com				Re-construction
2	87+163		1x1.5m	Completed In October,2020											Re-construction
3	91+192		2x1.5m	Completed In Sep,2020						Com	Com				Re-construction
4	108+990	Shifted to 86+765	1x1.5m	Completed In February ,2021						IP					Re-construction
5	135+265		1x1.5m	Completed						IP	IP				Re-construction
6	136+983		1x1.5m												Re-construction

**\*\*Yellow Shade indicates Work Done/Completed In Current Month**

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : Hume Pipe Culverts ( Reconstruction & Additional )** **Progress Upto : 8/31/2021**

SN.	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Laying	Pipe Encasing	Quadrant Pitching	Flexible Apron	Remarks
				Excavation	PCC	1st Lift	2nd Lift	Final lift					
1	59+332		1x1200mm	Completed In December,2020						With Encasing			Recon.
2	60+685		1x1200mm	Completed In December,2020						Without Encasing			Recon.
3	61+047		1x1200mm	Completed In December,2020						Without Encasing	completed	completed	Recon.
4	61+226		1x1200mm	Completed In December,2020						With Encasing	completed	completed	Recon.
5	62+041		1x1200mm	Completed In Nov ,2020						With Encasing	completed	completed	Recon.
6	62+788		1x1200mm	Completed In Nov ,2020						With Encasing	completed	completed	Recon.
7	63+206		1x1200mm	Completed In December,2020						With Encasing	completed	completed	Recon.
8	64+469		1x1200mm	Completed In December,2020						With Encasing	completed	completed	Recon.
9	67+065		1x1200mm	Completed In October,2020						With Encasing			Recon.
10	67+537		1x1200mm	Completed In September,2020						Without Encasing			Recon.
11	68+010		1x1200mm	Completed In Nov ,2020						With Encasing	completed	completed	Recon.
12	68+364		1x1200mm	Completed In Nov ,2020						Without Encasing	completed	completed	Recon.
13	68+563		1x1200mm	Completed In October,2020						With Encasing	completed	completed	Recon.
14	69+074		1x1200mm	Completed In October,2020						With Encasing			Recon.
15	69+833		4x1200mm	Completed In October,2020						With Encasing			Recon.
16	69+955		3x1200mm	Completed In September,2020						Without Encasing			Recon.
17	71+064		1x1200mm	Completed In September,2020						Without Encasing			Additional
18	71+714	115+690	1x1200mm	Completed In August ,2020						Without Encasing			Additional ,(Shifted to 115+960 )
19	72+434		1x1200mm	Completed In September,2020						With Encasing			Additional
20	73+873	73+888	1x1200mm	Completed In August ,2020						With Encasing			Recon.
21	74+674	74+691	1x1200mm	Completed In August ,2020						With Encasing			Recon.
22	75+964	76+140	1x1200mm	Completed In September,2020						With Encasing			Additional ( Shifted to 76+140)
23	76+332		1x1200mm	Completed In September,2020						With Encasing			Recon.(No Headwall , Drain to Drain )
24	77+784	77+796	1x1200mm	Completed In August ,2020						With Encasing			Additional
25	79+522	79+533	1x1200mm	Completed In August ,2020						With Encasing			Recon.
26	80+522	80+538	1x1200mm	Completed						With Encasing			Recon.
27	81+090	80+015	1x1200mm	Completed In August ,2020						With Encasing			Additional , Shifted to 80+015
28	82+693	82+708	1x1200mm	Completed						With Encasing			Recon.
29	83+344	83+344	1x1200mm	Completed In August ,2020						Without Encasing			Additional
30	84+784	84+777	1x1200mm	Completed						With Encasing			Additional
31	86+037		1x1200mm	Completed In September,2020						With Encasing			Recon.(No Headwall , Drain to Drain )
32	91+362	91+286	1x1200mm	Completed In September,2020						With Encasing			Recon.(No Headwall , Drain to Drain )
33	91+569		1x1200mm	Completed In Nov ,2020						With Encasing			Recon.
34	94+277	94+290	1x1200mm	Completed						With Encasing			Recon.
35	95+998	96+007	1x1200mm	Completed						With Encasing			Recon.
36	96+434	96+450	1x1200mm	Completed						With Encasing			Additional
37	97+564	97+550	1x1200mm	Completed						With Encasing			Additional

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : Hume Pipe Culverts ( Reconstruction & Additional )** **Progress Upto : 8/31/2021**

SN.	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Laying	Pipe Encasing	Quadrant Pitching	Flexible Apron	Remarks
				Excavation	PCC	1st Lift	2nd Lift	Final lift					
38	98+110		1x1200mm	Completed						Without Encasing			Additional
39	99+064	99+076	1x1200mm	Completed						With Encasing			Recon.
40	100+069	100+080	1x1200mm	Completed						Without Encasing			Recon.
41	100+942	100+954	1x1200mm	Completed						With Encasing			Recon.
42	101+124	101+136	1x1200mm	Completed						With Encasing			Recon.
43	102+648	102+661	2x1200mm	Completed						With Encasing			Recon.
44	103+702	103+712	2x1200mm	Completed						Without Encasing			Recon.
45	104+591		1x1200mm	Completed						Without Encasing			Recon.(No Headwall , Drain to Drain )
46	105+544		1x1200mm	Completed						Without Encasing			Additional
47	106+030		1x1200mm	Completed						With Encasing			Additional
48	107+230	107+238	1x1200mm	Completed						With Encasing			Recon.
49	107+638	107+647	2x1200mm	Completed						With Encasing			Recon.
50	109+393		1x1200mm	Completed						Without Encasing			Recon.(No Headwall , Drain to Drain )
51	111+180		1x1200mm	Completed						Without Encasing			Additional
52	114+364	114+360	1x1200mm	Completed						Without Encasing			Additional
53	115+100		1x1200mm	Completed						With Encasing			Recon.(No Headwall , Drain to Drain )
54	116+800	116+811	1x1200mm	Completed						Without Encasing			Recon.
55	117+640		1x1200mm	Completed						Without Encasing			Additional
56	118+100	118+143	1x1200mm	Completed						With Encasing			Recon.
57	119+574	119+581	1x1200mm	Completed						Without Encasing			Recon.
58	121+775	109+900	1x1200mm	Completed In August ,2020						Without Encasing			Additional
59	122+825	122+831	1x1200mm	Completed						With Encasing			Recon.
60	123+780		1x1200mm	Completed						With Encasing			Additional
61	124+230		1x1200mm	Completed In August ,2020						With Encasing			Recon. , Drain to Drain
62	126+384		1x1200mm	Completed						Without Encasing	completed	completed	Additional
63	127+560	127+550	1x1200mm	Completed						With Encasing			Additional
64	128+668	128+710	1x1200mm	Completed						With Encasing			Recon.
65	131+790	131+795	1x1200mm	Completed						Without Encasing			Additional
66	132+604	132+597	1x1200mm	Completed						Without Encasing	completed	completed	Additional
67	133+296	133+299	1x1200mm	Completed						With Encasing			Recon.
68	134+754		1x1200mm	Completed						With Encasing			Additional
69	136+484		1x1200mm	Completed						With Encasing			Additional

Reconstruction Culverts = 45 Nos

Additional Culverts = 24 Nos

**\*\*Yellow Shades indicates Work Done/Completed In Current Month**

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsa-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : (Widening+Repair ) of Minor Bridge**

**8/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	Span Arrangement	Excavation	PCC	Raft	Abutment Wall	Deck Slab	Drainage Spout	Crash Barrier	Approach Slab	Return Wall	Remarks
1	103+452		1x8.00 m	Completed In February ,2021							Completed	Completed	Widening +Repair

**\*\*Yellow Shade indicates Work Done/Completed In Current Month**



**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsi-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

**Work Status : Box/Slab Culverts (Widening & Repairing)**

**ProgressUpto**

**8/31/2021**

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Wall	Slab	Crash Barrier	Return Wall	Quadrant Pitching	Curtain Wall	Rigid Apron	Flexible Apron	Remarks
1	58+882		1x1.5m	Completed In December,2020						IP					Slab Culvert
2	59+822		1x1.5m	Completed In December,2020						IP					Slab Culvert
3	60+213		1x0.9m	Completed In December,2020						IP					Slab Culvert
4	61+536		1x0.9m	Completed In December,2020						IP					Slab Culvert
5	61+955		1x0.9m	Completed In Nov,2020						IP					Slab Culvert
6	62+532		1x0.9m	Completed In Nov,2021						IP					Slab Culvert
7	63+775		1x1.5m	Completed In December,2020						IP					Slab Culvert
8	64+918		1x1.5m	Completed In December,2020											Slab Culvert
9	69+035		1x1.5m	Completed In Sep,2020											Slab Culvert
10	76+718		1x0.9m	Completed In Sep,2020											Slab Culvert
11	78+477		1x1.5m	Completed In October,2020											Slab Culvert
12	80+344		2x1.8m	Completed In October,2020											Slab Culvert , Widening on LHS Only
13		86+226	1x1.5m	Completed In March ,2021											Reconstruction of Box Culvert converted into Widening
**	86+867		1x3.5m	Converted Into Box Culvert Reconstruction											Slab Culvert
14	88+867		1x0.9m	Completed In Nov, 2020						IP					Slab Culvert
15	89+045		1x1.0m	Completed In March ,2021											Slab Culvert
16	90+485		1x3.0m												Box Culvert

**Work Status : HP Culverts (Widening & Repairing)**

SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Without Encasing		Pipe Laying	Quadrant Pitching	Flexible Apron	Remarks
				Excavation	PCC	1st Lift	2 nd Lift	Final Lift	Excavation	Pipe Bedding by GM				
1	94+350	94+364	1x1000mm	Completed										Both Side Widening
2	110+647	110+658	2x1000mm	Completed										Only LHS Widening
3	129+171	129+176	3x1000mm	Completed										Both Side Widening

Box Culvert = 1 No

Slab Culverts = 15 No

HP Culvert = 3 Nos

**\*\*Yellow Shade indicates Work Done/Completed In Current Month**

**Package UPG-04 : Engineering Procurement and Construction Contract for Up-gradation and Maintenance of Badaun-Bilsa-Bijnaour Section of SH-51 from Ch. Km.58+400 to Ch. Km. 137+820 In the State of Uttar Pradesh**

Work Status : Major/Minor Bridge Repairs				Progress Upto	8/31/2021
SN	CA Design Chainage	Actual Chainage As Per Site	Span Arrangement	Details Of Rehabilitation Work Done	Remarks
1	89+864		2.80mx3= 8.40 m	Paraprt Replacement with Crash Barrier	Minor Bridge

Work Status : Culverts Repairs					
SN	CA Design Chainage	Actual Chainage As Per Site	Span Arrangement	Details Of Rehabilitation Work Done	Remarks
1	66+960		1x1200 mm		Pipe Culvert
2	87+936		1x3m	Paraprt Replacement with Crash Barrier	Slab Culvert
3	125+222		1x1.1m		Slab Culvert

Minor Bridges = 1 Nos

Culverts = 3 Nos

**\*\*Yellow Shade indicates Work Done/Completed In Current Month**