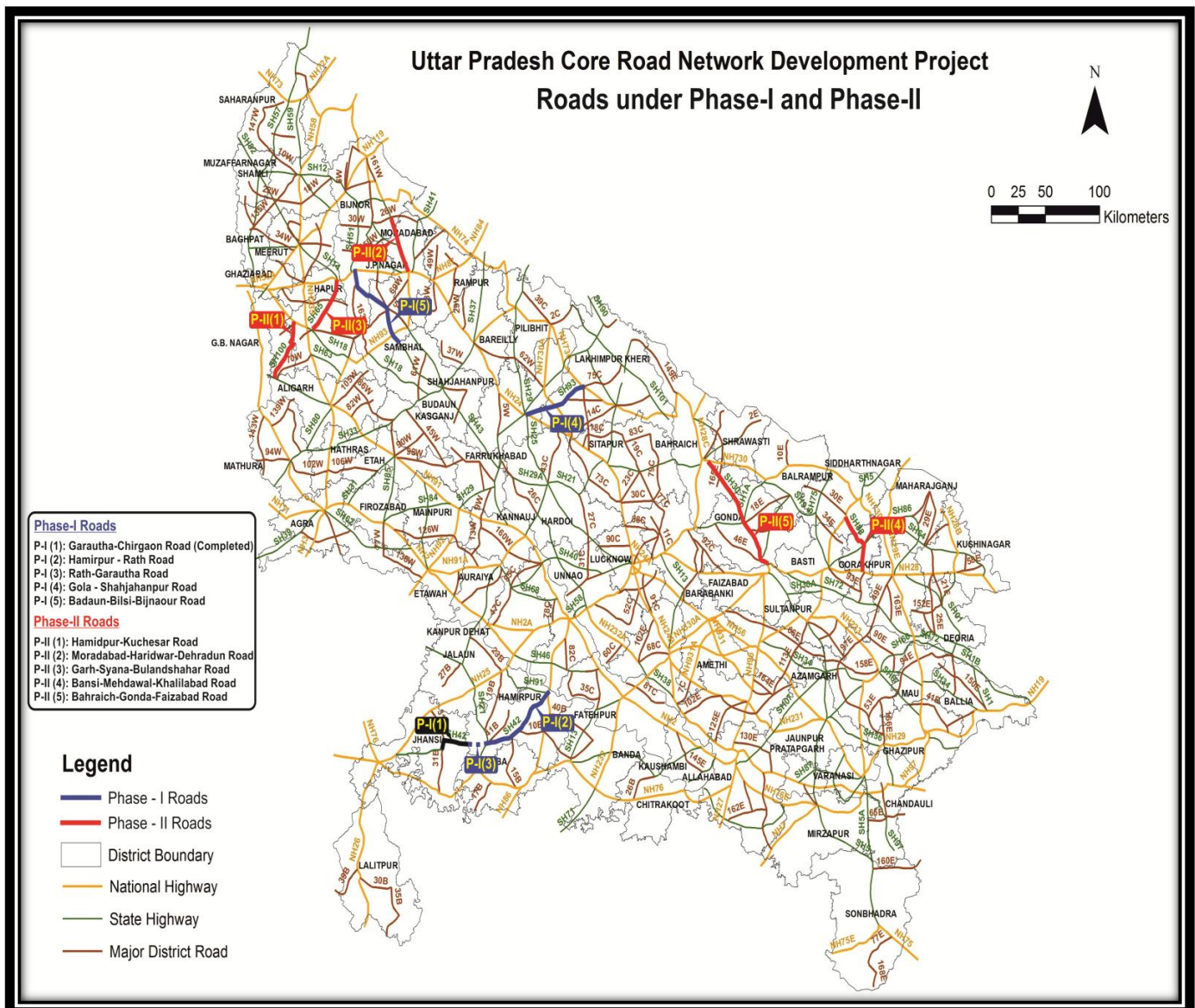




**UTTAR PRADESH CORE ROAD NETWORK DEVELOPMENT PROJECT**  
**PROJECT MANAGEMENT CONSULTANCY SERVICES FOR UTTAR PRADESH CORE ROAD**  
**NETWORK DEVELOPMENT PROGRAMME**

**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. 28**  
**OCTOBER - 2021**



## **TABLE OF CONTENTS**

<b>INTRODUCTION .....</b>	<b>6</b>
<b>1 PROJECT BACKGROUND .....</b>	<b>6</b>
<b>2 PROJECT OVERVIEW .....</b>	<b>6</b>
<b>COMPONENT PART– A .....</b>	<b>8</b>
<b>3 PART- A .....</b>	<b>9</b>
3.1 PHASE 1 ROADS .....	9
3.2 SH-42 MISSING LINK SECTION RATH – GARAUTHA (APPROX. 35.882KM) – 2 LANE (COST 251 INR Cr.).....	9
3.3 PHASE II ROADS .....	10
<b>LIST OF SELECTED ROADS TO BE DESIGNED AND CONSTRUCTED UNDER PHASE 2 ARE AS UNDER:.....</b>	<b>10</b>
3.4 PHASE-II ROADS PROGRESS .....	10
<b>4 PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) .....</b>	<b>14</b>
<b>5 FINANCIAL PROGRESS OF CONSULTANT (PART-B) .....</b>	<b>15</b>
<b>COMPONENT PART–B.....</b>	<b>16</b>
<b>6 INTRODUCTION .....</b>	<b>16</b>
<b>7 AWARDED PACKAGES.....</b>	<b>16</b>
<b>8 CONSTRUCTION PERIOD AND MILESTONES.....</b>	<b>17</b>
<b>9 DESCRIPTION OF WORKS.....</b>	<b>17</b>
<b>10 DESIGN &amp; DRAWINGS AGENCY OF EPC PACKAGES .....</b>	<b>18</b>
<b>11 PHYSICAL PROGRESS .....</b>	<b>19</b>
<b>12 PROGRESS STRUCTURE:.....</b>	<b>21</b>
<b>13 FINANCIAL PROGRESS .....</b>	<b>23</b>
<b>14 MEETING AND VISIT DURING THE REPORTING MONTH (PART-B ) .....</b>	<b>23</b>
14.1 MEETING / TRAINING HELD DURING THE MONTH .....	23
14.2 SITE VISITS CARRIED OUT DURING THE MONTH .....	24
<b>15 CORRESPONDENCE MANAGEMENT .....</b>	<b>25</b>
<b>16 CONSTRUCTION SUPERVISION CONSULTANT’S MOBILIZATION .....</b>	<b>25</b>
16.1 ORGANIZATION.....	25
16.2 CONSULTANT’S MOBILIZATION .....	26
16.2.1 Staff.....	26
16.2.2 Vehicles.....	27
16.2.3 Offices.....	27
<b>CONTRACT PROJECT ACTIVITIES.....</b>	<b>28</b>
<b>17 CONSTRUCTION PACKAGE –UPG-02 .....</b>	<b>28</b>
17.1 INTRODUCTION .....	28
17.2 SALIENT FEATURES OF CONTRACT .....	28

17.3	AE STAFF MOBILIZATION AND SUPERVISION ARRANGEMENT DURING MAINTENANCE PERIOD.....	29
17.3.2	<i>Interim Payment Certificate.....</i>	29
17.3.3	<i>Materials.....</i>	29
<b>18</b>	<b>WORK PROGRESS .....</b>	<b>29</b>
18.1.1	<i>Design and Drawings .....</i>	29
18.1.2	<i>Maintenance Work Programme .....</i>	30
18.1.3	<i>Financial Progress .....</i>	30
18.1.4	<i>Maintenance Payment Certificate.....</i>	30
18.1.5	<i>Physical Progress .....</i>	30
18.1.6	<i>Quality Control/Quality Assurance .....</i>	30
18.1.7	<i>Meetings &amp; Site Inspections.....</i>	30
18.1.8	<i>Key Issues .....</i>	30
18.1.9	<i>Weather.....</i>	31
<b>19</b>	<b>CONTRACT PACKAGE UPG-01 .....</b>	<b>31</b>
19.1	INTRODUCTION .....	31
19.2	MILESTONES.....	31
19.3	DESCRIPTION OF WORKS .....	32
19.4	CONSULTANT MOBILIZATION.....	32
19.5	STAFF MOBILIZATION.....	32
19.6	CONSTRUCTION ACTIVITIES .....	33
19.6.1	<i>Mobilization of Contractor .....</i>	33
19.7	WORK PROGRESS .....	33
19.7.1	<i>Design and Drawings .....</i>	33
19.7.2	<i>Maintenance Work Programme .....</i>	33
19.7.3	<i>Financial Progress .....</i>	34
19.7.4	<i>Maintenance Payment Certificate.....</i>	34
19.7.5	<i>Physical Progress .....</i>	34
19.8	QUALITY CONTROL / QUALITY ASSURANCE.....	34
19.9	MEETINGS & SITE INSPECTIONS .....	34
19.10	KEY ISSUES .....	34
19.11	PROJECT COMPLETION /OPERATION AND MAINTENANCE PERIOD .....	34
19.12	WEATHER.....	34
<b>20</b>	<b>CONTRACT PACKAGE UPG-03 .....</b>	<b>35</b>
20.1	INTRODUCTION .....	35
20.2	MILESTONES.....	35
20.3	SALIENT FEATURES .....	35
20.4	DESCRIPTION OF WORKS .....	36
20.4.1	<i>Typical Cross Section .....</i>	36
20.5	CONSULTANT MOBILIZATION.....	36
20.6	STAFF MOBILIZATION.....	36
20.7	CONSTRUCTION ACTIVITIES .....	37
20.7.1	<i>Site Possession and Utilities .....</i>	37
20.7.2	<i>Mobilization of Contractor .....</i>	37
20.8	WORK PROGRESS .....	38
20.8.1	<i>Structure Drawing Design Status .....</i>	38
20.8.2	<i>Work Programme and EOT .....</i>	38
20.8.3	<i>Financial Progress: .....</i>	39
20.8.4	<i>Stage Payment Statement (Interim Payment Certificate).....</i>	39

20.8.5	Physical Progress .....	40
20.8.6	Additional Details .....	41
20.9	QUALITY CONTROL / QUALITY ASSURANCE.....	41
20.10	MEETINGS & SITE INSPECTIONS .....	41
20.11	KEY AND POTENTIAL ISSUES .....	41
20.12	WEATHER REPORT .....	41
<b>21</b>	<b>CONTRACT PACKAGE UPG-04 .....</b>	<b>43</b>
21.1	INTRODUCTION .....	43
21.2	MILESTONES.....	43
21.3	SALIENT FEATURES .....	44
21.4	DESCRIPTION OF WORKS .....	44
21.4.1	Typical Cross Section .....	44
21.5	MOBILIZATION OF CONSULTANT .....	44
21.6	STAFF MOBILISATION.....	44
21.7	CONSTRUCTION ACTIVITIES .....	45
21.7.1	Site Possession and Utilities .....	45
21.7.2	Mobilization of Contractor .....	45
21.8	WORK PROGRESS .....	46
21.8.1	Design and Drawings .....	46
21.8.2	Work Programme & Interim Extension of Time (IEOT).....	46
21.8.3	Financial Progress .....	46
21.8.4	Stage Payment Statement (Interim Payment Certificate).....	47
21.8.5	Physical Progress .....	48
21.8.6	Additional Details .....	48
21.9	QUALITY CONTROL / QUALITY ASSURANCE.....	49
21.10	MEETINGS & SITE INSPECTIONS .....	49
21.11	KEY ISSUES .....	49
21.12	WEATHER .....	49
	<b>ENVIRONMENT, SOCIAL, HEALTH AND SAFETY .....</b>	<b>50</b>
<b>22</b>	<b>ENVIRONMENT, SOCIAL, HEALTH AND SAFETY .....</b>	<b>51</b>
22.1	INTRODUCTION .....	51
22.2	ESHS ISSUES AND CORRECTIVE ACTIONS TAKEN.....	51
22.2.1	Statutory Compliance.....	51
22.2.2	Essential Project Insurances.....	51
22.2.3	Aggregate Procurement.....	52
22.2.4	Borrow Areas.....	54
22.2.5	Unresolved Issues: .....	54
22.3	ESMP/ESIP - RATING TO THE CONTRACTOR ON FIELD ASSESSMENT: .....	58
22.4	CONSTRUCTION STAGE MONITORING.....	59
22.5	CONSTRUCTION SITE MANAGEMENT .....	62
22.5.1	Compliance Status of Environmental Safeguard .....	62
<b>23</b>	<b>CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT .....</b>	<b>65</b>
23.1	ROAD SAFETY PROJECT IMPLEMENTATION STATUS .....	66
<b>24</b>	<b>SOCIAL MONITORING AND COMPLIANCE REPORT .....</b>	<b>69</b>
	<b>INTRODUCTION.....</b>	<b>69</b>
	<b>THE OVERALL SUMMARY .....</b>	<b>70</b>

<b>PROGRESS OF LAND ACQUISITION .....</b>	<b>72</b>
<b>INSTITUTIONAL ARRANGEMENT AND IMPLEMENTATION MECHANISM.....</b>	<b>74</b>
<b>TABLE 7: PREPARATION AND DISTRIBUTION OF ID CARDS .....</b>	<b>75</b>
<b>GRIEVANCE REDRESSAL MECHANISM .....</b>	<b>78</b>
<b>GRIEVANCE REDRESS CELL SETUP UNDER ESDC.....</b>	<b>78</b>
<b>THE FUNCTIONS OF THE GRC .....</b>	<b>78</b>
<b>REGISTRATION OF GRIEVANCE .....</b>	<b>79</b>
<b>GRIEVANCE DURING THE MONTH .....</b>	<b>79</b>
<b>COMPONENT PART- C .....</b>	<b>80</b>
<b>25 PART-C COMPONENT .....</b>	<b>81</b>
25.1 OVERALL PROGRESS OF UPCRNDP – PMC’s SCOPE .....	81
25.2 STATUS OF CONSULTANCY SERVICES REQUIRED AND MOBILIZED UNDER UPCRNDP .....	82
25.3 STATUS OF VARIOUS CIVIL WORKS (PROCUREMENT STATUS OF PHASE-II ROADS).....	87
25.4 FINANCIAL PROGRESS OF CONSULTANT (PART-C).....	88
<b>PHOTOGRAPHS (UPG-01/UPG-02/UPG-03/UPG-04)</b>	
<b>APPENDIX A UPG-01 (ANNEXURE-A TO ANNEXURE-E)</b>	
<b>APPENDIX B UPG-02 (ANNEXURE-A TO ANNEXURE-E)</b>	
<b>APPENDIX C UPG-03 (ANNEXURE-A TO ANNEXURE-N)</b>	
<b>APPENDIX D UPG-04 (ANNEXURE- A TO ANNEXURE-N)</b>	

## **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. 28** 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	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 via Email.
- ❖ 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 incorporating all comments and revisions as advised by the Client and World Bank vide Egis letter No. Egis India/LKO/UPCRNDP/2021/1148 Dated 07.01.2021.
- ❖ Bidding Document are also prepared and submitted on 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	36.275
	Revised Estimated block/indicative Cost (INR Cr.)	496.57
	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	Completed

	and Report Preparation	
3	Topographical Survey	Completed
4	Topo Survey Report	(Completed) Report is submitted
5	Traffic and Axle Load Surveys	Completed
5a	Traffic Data Analysis	Completed
5b	Traffic Report	Completed
6	Pavement Material Investigations	Completed
7	Falling Weight Deflectometer Test	Completed
8	Pavement Design Report	Completed
9	Social Impact Analysis	Completed
10	Revenue Map Collection Concern Project	Collected
11	Environmental Surveys	Completed
11a	Environmental Impact Assessment Parameter Collection	Completed
11	Environmental Impact Assessment	Submitted
12	Feasibility Study Report	Completed
13	Alignment Finalization	Completed
14	Geotechnical Investigation	Completed
15	Structure Design	Submitted
16	Highway Design and Drawings preparation	Submitted
17	Rate analysis and Cost Estimation	Submitted
18	Detailed Design Report (DPR)	Revision 4 Submitted
19	Drawings and Bidding Documents	To be Submitted
20	Contract documentation	Scheduled
21	Packaging	Scheduled
<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.)	753.59
	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)	Revision 1 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	<b>Bahraich-Gonda-Faizabad (Km 05.500 - Km 65.600) – 2 lane</b>
	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)	Revision 3 Submitted
20	Drawings and Bidding Documents	Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No.	Name of Road	<b>Hamidpur-Kuchesar Road Hamidpur via Badshahpur (0.000 to 47+500 Km) 2 Lane</b>
	Road Category	SH-100(Note: Approx. 27 km converted to National Highway also consultant requested to propose Green Highway with cost analysis for the remaining section)
	District	GautamBudhnagar
	Proposed Revised length	19.109
	Revised Estimated block/indicative Cost (INR Cr.)	159.52
	Inception Report	Submitted on 27 <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	
18	Rate analysis and Cost Estimation	To be Submitted
19	Detailed Design Report (DPR)	Revision 2 Submitted
20	Drawings and Bidding Documents	To be Submitted
21	Contract documentation	Scheduled
22	Packaging	Scheduled

Sl.No	Name of Road	<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)	Revision 3 Submitted
21	Drawings and Bidding Documents	Submitted
22	Contract documentation	Scheduled
23	Packaging	Scheduled

#### 4 Project Management Information System (PMIS)

The Progress on various modules of PMIS is indicated below:

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

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

### Financial Expenditure of PMC Services up to October – 2021

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

Sl No.	Description	Contract Amount (INR)	Amt as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	82,286,700	90,354,046	50,316,811	40,037,235
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	75,459,255	71,994,255
3	Reimbursable Expenses	44,607,516	48,363,117	26,069,755	22,293,362
<b>Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>151,845,821</b>	<b>134,324,852</b>
4	Escalation			33,990,724	
<b>Grand Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>185,836,545</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-Bilsi-Bijnaour section of SH-51 from Km 58.400 to Km 137.820 (UPG-04)
Date of Agreement	19-06-19	05-01-17	26-06-19	05-07-19
Appointed Date	25-06-19	15-01-18	11-11-19	04-11-19
Construction Period	730 days	24 Months	730 days	730 days
Maintenance Period	1826 days	5 Years	1826 days	1826 days
Milestone 1	21-11-19	14-01-19	08-04-20	01-04-20
Milestone 2	19-05-20	14-01-19	05-10-20	28-09-20
Milestone 3	15-11-20	15-07-19	03-04-21	27-03-21
Scheduled Completion Date	23-06-21	14-01-20	09-11-21	02-11-21
Extended Scheduled Completion Date	02-09-21	31-10-20	19-01-22	10-01-22
Actual Completion Date	12-08-21	31-10-20	--	--

## 9 Description of Works

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

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

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

#### 10 Design & Drawings Agency of EPC Packages

Package	Consultant	Description	Contractor's Submissions	Client/AE's Comments	Status
Hamirpur-Rath (UPG-01)	Design Consultant Team	Mr. M. Ubendiran, Design Director cum Team Leader; Mr. 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-Shahjahan pur (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

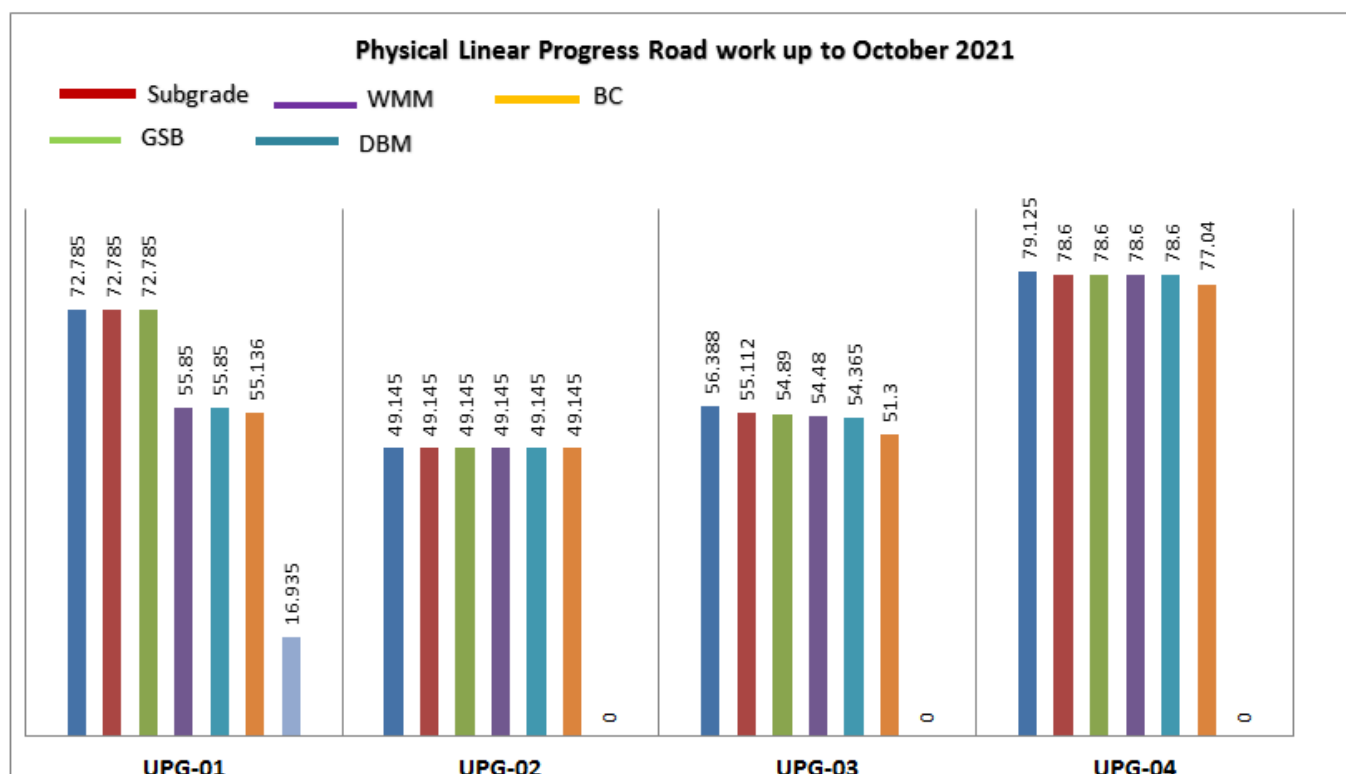
Badaun-Bilsi-Bijnour (UPG-04)	Design Consultant Team:	Design Director & Team – Shri Satbir Singh Puwar Design Director, Shri K.B Deswal Highway Cum Pavement Design Engineer and Shri Anupam Mishra Structure/Bridge Engineer	Submitted to UPPWD in Nov'2019	1265/21 Com W.B.P. C./19-20 Dated 18.11.2019	Approved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

## 11 Physical Progress

At present the construction work is in progress in 2 EPC modes of Civil Contracts Packages. The Civil Works Part 1 of Garautha- Chirgaon (UPG-02) under item rate Contract Package is completed on 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 August-2021 on dated 12<sup>th</sup> August 2021. The Progress status Package wise is as below:

Physical Progress Report October- 2021						
	Sub Grade Top in Km			GSB in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	72.785	72.785	100.00	72.785	72.785	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	55.112	97.74	56.388	54.89	97.35
UPG-04	79.125	78.6	99.34	79.125	78.6	99.34
<b>Total</b>	<b>257.441</b>	<b>255.642</b>	<b>99.30</b>	<b>257.441</b>	<b>255.42</b>	<b>99.21</b>
	WMM in Km			DBM in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.85	55.85	100.00	55.85	55.85	100.00
UPG-02	49.145	49.145	100.00	49.145	49.145	100.00
UPG-03	56.388	54.480	96.62	56.388	54.365	96.42
UPG-04	79.125	78.6	99.34	79.125	78.6	99.34
<b>Total</b>	<b>240.506</b>	<b>238.075</b>	<b>98.99</b>	<b>240.506</b>	<b>237.96</b>	<b>98.94</b>
	BC in Km			DLC in Km		
Package	Revised Scope (Km)	Completed	Completed%	Revised Scope (Km)	Completed	Completed%
UPG-01	55.136	55.136	100.00	16.935	16.935	100.00
UPG-02	49.145	49.145	100	0	0	
UPG-03	56.388	51.3	91.12	0	0	

UPG-04	79.125	77.04	97.36	0	0	
<b>Total</b>	<b>239.71</b>	<b>232.621</b>	<b>97.04</b>	<b>16.935</b>	<b>16.935</b>	<b>100.00</b>
<b>PQC in Km</b>						
<b>Package</b>	<b>Scope (Km)</b>	<b>Completed</b>	<b>Completed %</b>			
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:

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

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

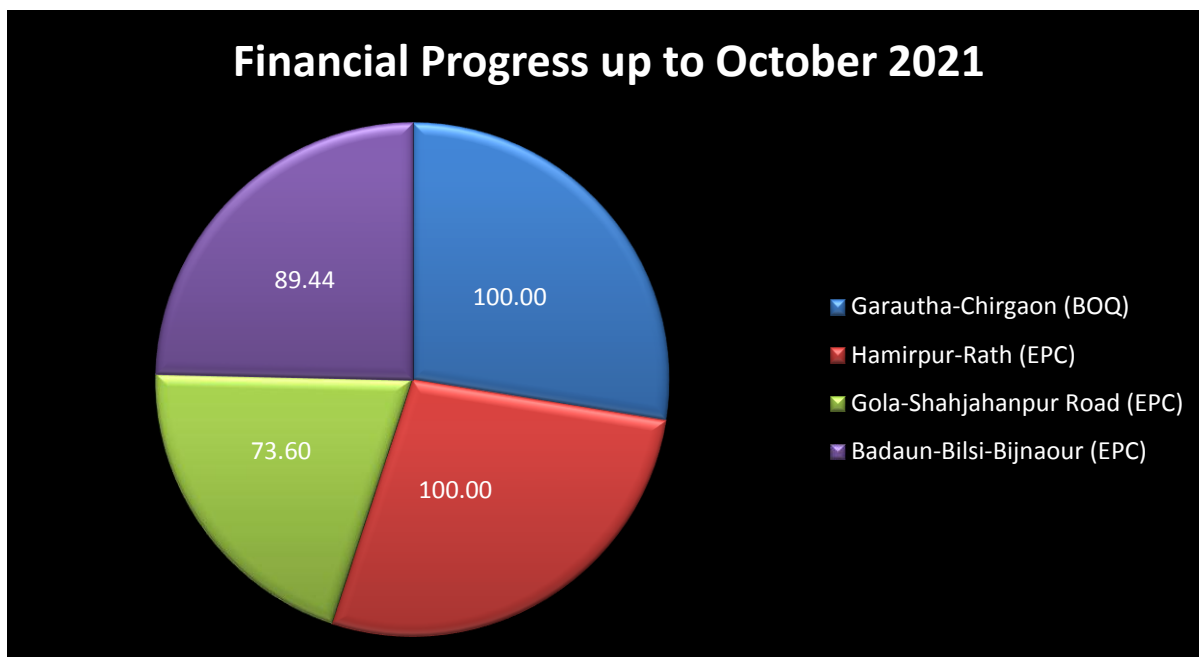
<b>Physical Progress of Structure Works Up to the Month of October-2021</b>								
<b>Package – UPG/03 (Gola-Shahjahanpur Road Project )</b>								
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work In Progress	Work Not Started	% Completion	Remarks

1	Major Bridges (Reconstruction)	1	0	0	1	0	65%	Foundation & Structure Works completed
2	Minor Bridges (Reconstruction)	4	1	1	3	0	65%	FP works in progress
3	Wild Animal Under Pass	3	3	3	0	0	100%	COS
4	Box Culverts (Reconstruction)	19	18	18	0	1	94.74%	FP works in progress
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%	FP works in progress
6	Minor Bridge (Widening +Rep.)	3	2	3	0	0	100%	FP Works In Progress
7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%	FP Works In Progress
8	Repair of Structures	15	15	15	0	0	100%	
<b>Total</b>		<b>98</b>	<b>88</b>	<b>89</b>	<b>4</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	2	2	0	0	100%	FP Works not started
Box Culverts (Reconstruction)	11	10	10	0	1	90.91	FP Works Completed
Slab Culverts (Reconstruction)	6	6	6	0	0	100%	FP Works Completed
HP Culverts (Reconstruction)	69	69	69	0	0	100%	FP Works Completed
Minor Bridge ( Wid. +Rep.)	1	1	1	0	0	100%	FP Works Completed
Culverts (Wid. +Rep.)	18	18	18	0	1	100%	FP Works Not Started
Repair of Structures	4	2	3	0	1	75%	
<b>Total</b>	<b>112</b>	<b>108</b>	<b>109</b>	<b>0</b>	<b>3</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-Bijnour (EPC)	334.08	298.783	IPC-14	
<b>TOTAL (In Crore)</b>	<b>1150.55</b>	<b>1021.023</b>		

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

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

Date	Attended By	Meeting Description
08.10.2021	TL, DTL, Social Expert Mr. Satyabratt Pandey, Environmental Expert Mr. Sandeep Bharadawaj	Meeting held on 08.10.2021 to review the DPR Status of Phase II Roads at CE(EAP), Office, Lucknow
11.10.2021	TL,DTL,RE,SBE and Contractor's (APCO) Representatives	Meeting held on 11.10.2021 to review the progress of Gola-Shahjahanpur road project at CE(EAP), Office,Lucknow.
18.10.2021 at 5:00PM	EGIS - TL, DTL, Social Development Specialist and Environmental Expert	Workshop on Gender Assessment Action Plan (GAAP) organized by the ECORYS India Pvt. Ltd. at Fairfield Merriott Hotel,Gomtinagar, Lucknow under the Chairmanship of Principal Secretary,PWD UP. GOVT.

20.10.2021 at 11:00AM	IT Specialist and Environmental Expert	PMIS Status Review Meeting held at CE (EAP), UPPWD Office, Lucknow.
23.10.2021	TL,DTL,Env.Exp.,SBE, Sr. Highway Design Engineer Mr. Sanjay Kumar, RE UPG-01 & UPG-02 and UPG-04	Meeting held on 23.10.2021 to review progress of ongoing project of Phase-I Roads and DPR Status of Phase-II Roads at CE(EAP) Office, Lucknow.
25.10.2021	SE,UPPWD Mr. Sanjay Gupta, DTL, Egis Design Team, Contractor's (APCO) Representative and Contractor's (APCO) Design Team	Meeting held on 25.10.2021 to discuss the Design issues of Gola-Shahjahanpur road project at CE(EAP), UPPWD Office, Lucknow.

## 14.2 Site Visits Carried out during the Month

**27.09.2021-** Joint field Inspection carried out by the PD, UPPWD along with DTL and RE (UPG-01) for Hamirpur-Rath project road to review the progress of construction works and maintenance activities on 27.09.2021 and Site Inspection notes issued by the PD,UPPWD vide letter No. 1 SE Camp/PD/2021-22 Dated 01.10.2021. The same issued to the Contractor (GHV) for compliances vide letter No. Egis India/UPCRNDP/UPG-01/2021/1456 Dated 04.10.2021.

**27.09.2021-** Joint field Inspection carried out by the PD and SE, UPPWD along with DTL and RE (UPg-01) for Garautha-Chirgaon project road to review the maintenance activities on 28.09.2021 and Site Inspection notes issued by the PD,UPPWD vide letter No. 2 SE CAMP/PD/2021-22 Dated 01.10.2021. The same issued to the Contractor (NKC) for compliances vide letter No. Egis India/UPCRNDP/UPG-01/2021/1457 Dated 04.10.2021.

**22.09.2021 to 25.09.2021 and 27.09.2021 to 01.10.2021** – Site Inspection Notes of Sr. Bridge Engineer Dated 22.09.2021 to 25.09.2021 and 27.09.2021 to 01.10.2021 for Gola-Shahjahanpur project road issued to the Contractor (APCO) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1464 Dated 11.10.2021.

**12.10.2021** – Site Inspection carried out by the TL, DTL and RE along with the Contractor's representative for Garautha-Chirgaon project road to review the maintenance activities on 12.10.2021 and Notes/Observations issued to the Contractor (NKC) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1473 Dated 22.10.2021.

**13.10.2021** – Site Inspection carried out by the TL, DTL and RE along with the Contractor's representative for Hamirpur-Rath project road to review the maintenance activities on 13.10.2021 and Notes/Observations issued to the Contractor (GHV) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1470 Dated 18.10.2021.

**12.10.2021 to 14.10.2021** -Sr. Bridge Engineer Mr. Rajiv Ranjan Verma visited the Gola-Shahjahanpur project road from 12.10.2021 to 14.10.2021.

**19.10.2021** – Site Inspection carried out by the TL, DTL and RE along with the Contractor's Project Manager for Gola-Shahjahanpur project road and Notes/Observations issued to the Contractor (APCO) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1476 Dated 23.10.2021.

**20.10.2021** – Site Inspection carried out by the TL, DTL and RE along with the Contractor's Project Manager for Badaun-Bilsi-Bijnaour project road on 20.10.2021 and Notes/Observations issued to the

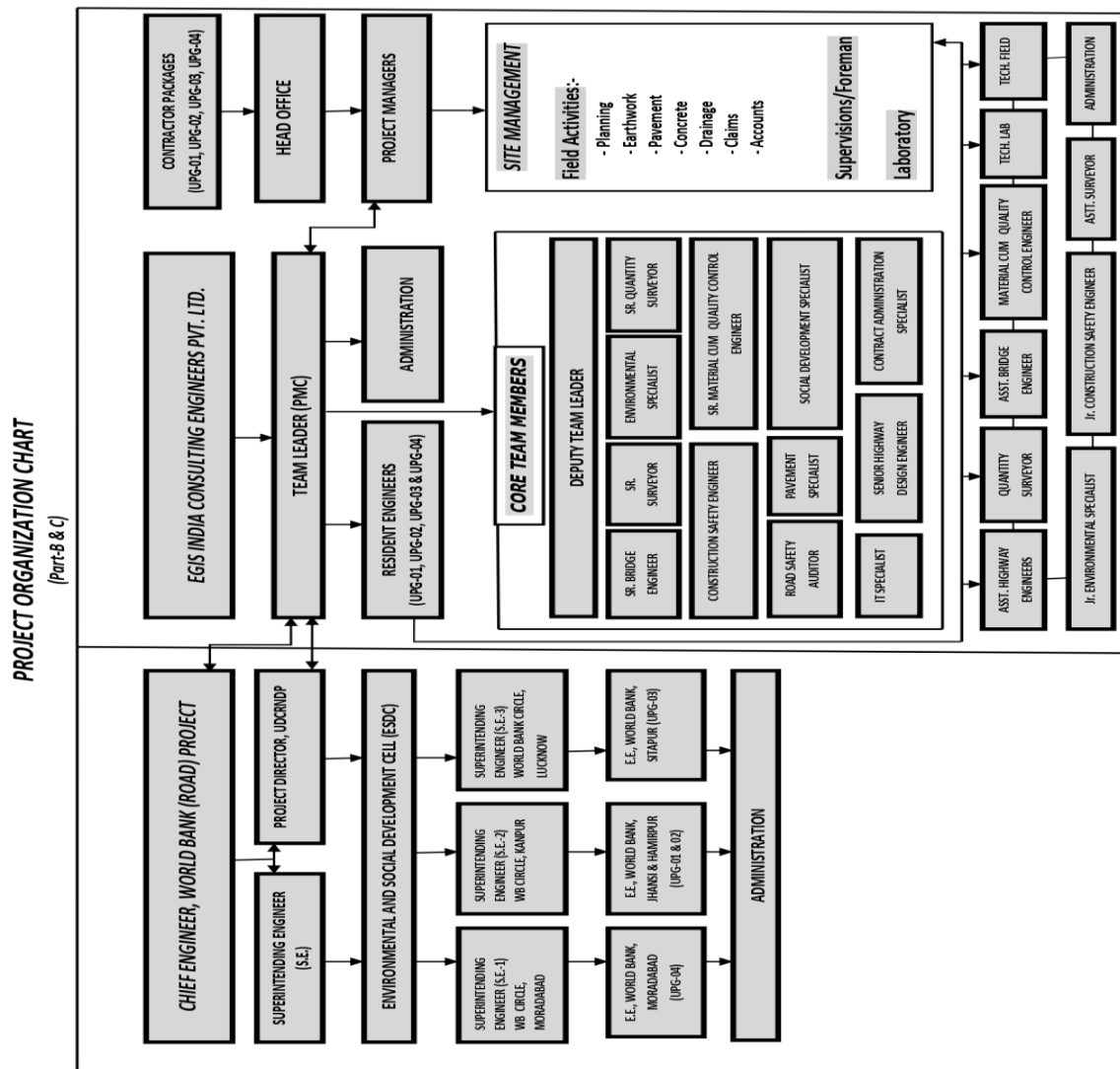
Contractor (GAWAR) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1478 Dated 25.10.2021.

**27.10.2021 to 30.10.2021** -Sr. Bridge Engineer Mr. Rajiv Ranjan Verma visited the Gola-Shahjahanpur project road from 27.10.2021 to 30.10.2021 and Site inspection Report issued to the Contractor (APCO) for compliances vide letter No. Egis India/LKO/UPCRNDP/2021/1494 Dated 02.11.2021.

## 15 Correspondence Management

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

## 16 Construction Supervision Consultant's Mobilization



### 16.1 Organization

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

## 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	-	40		
Environment Specialist	Mr. Dev Brat Singh	45	15.03.18	Part-B & C Services
Senior Surveyor	-	16	05.03.18	Position not required.
Senior Bridge Engineer	Mr. Rajiv Ranjan Verma	39	01.05.20	Part-B Services
Senior Quantity Surveyor (Additional)	Mr. Anil Katiyar	42	19.02.20	Part-B Services
PMIS/Procurement Sub-professional	Mr. Deepak Pant	72	26.06.19	
Assistant Social Development Specialist (Additional)	Mr. Bikram Singh	10	11.09.19	
Office Manager cum Accountant	Mr. K.C. Joshi	72	14.05.18	
Computer Operator	Mr. Ashok Kumar Srivastava	72	15.04.15	
Office Assistant	Mr. Sunil Kumar	72	03.06.19	
Watchman	Mr. Gyanendra Bahadur Sahai	72	05.10.14	

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

<b>Contract Package – UPG/01</b> <b>Hamirpur – Rath Section of SH-42</b> <b>Office of the Resident Engineer</b> 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)	<b>Contract Package- UPG/02</b> <b>Garautha–Chirgaon Section of SH-42</b> <b>Office of the Resident Engineer</b> Egis India Consulting Engineers Pvt. Ltd, Dharmendra Kumar Parashar Pahadi Buzurg,Chirgaon, District-Jhansi (U.P) –284301 <b>All Staff and Site office was demobilized from          31<sup>st</sup> Dec 2020</b>
<b>Contract Package – UPG/03</b> <b>Gola – Shahjahanpur Section of SH-93</b> <b>Office of the Resident Engineer</b> 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	<b>Contract Package – UPG/04</b> <b>Badaun–Bilsi–Bijnaour Section of SH-51</b> <b>Office of the Resident Engineer</b> 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

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

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

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

#### **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. Sachinder Singh	Project-Head from HO	Available
2	Mr. Ashu/Pankaj Pradhan	Project- Incharge	Available
3	Mr. Kuldeep Singh	Highway Supervisor	Available
4	Mr. Samir Mohana	Highway Foreman	Available

#### 17.3.1.3 List of Equipment Mobilized for Maintenance Period

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

### 17.3.2 Interim Payment Certificate

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

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

#### Correspondence during O&M Period

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

### 17.3.3 Materials

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

## 18 Work Progress

### 18.1.1 Design and Drawings

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



### 18.1.2 Maintenance Work Programme

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

### 18.1.3 Financial Progress

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

### 18.1.4 Maintenance Payment Certificate

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

### 18.1.5 Physical Progress

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

### 18.1.6 Quality Control/Quality Assurance

Field Laboratory demobilized in June 2020.

### 18.1.7 Meetings & Site Inspections

- **Team Leader (TL) and Deputy Team Leader (DTL)** along with **Resident Engineer (RE)** visited the entire project highway on dated 13<sup>th</sup> October 2021 and instructed Contractor to carry out certain important maintenance activities for rectifications and restorations as the DLP period is near to complete by the end of October so instructions to the Contractor to complete all the activities as identified by Client/AE. Unauthorized use of project highway must be immediately reported to the Authority's Engineer & Authority for their further necessary action.
- **Review Meeting on 23.10.2021:** Client conducted review meeting on 23.10.2021 at Lucknow, HQ along with Contractor and PMC Team regarding Maintenance Activities and instructions by the Authority for Contractor (Contractor was absent in the meeting) to strictly inspect the project highway to keep it safe for the Road Users and the same conveyed to the Contractor by the Authority Engineer.

### 18.1.8 Key Issues

- The Contractor to submit the Maintenance Program.
- The Road humps/Speed Breaker constructed to be adjusted extending the adjacent slopes to prevent accidents due to specifically motorbikes. Notified to the Contractor to rectify the same as per the Codal provisions for smooth traffic.
- At Ch. 139+600, the Jal Nigam (Irrigation) Department have started constructing a box culvert by demolishing the newly constructed road. This has been intimated to the Authority and also to the Concerned Department of UP Gov. for further necessary action including the safety of road users as traffic diverted on temporary diversion.
- Contractor warned to carry out maintenance works as instructed by the AE within the stipulated period stated in Contract to prevent imposition of any penalties as per the Contract.

### 18.1.9 Weather

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

## 19 CONTRACT PACKAGE UPG-01

### 19.1 Introduction

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

This **Monthly Inspection Report No. 02** covers the Month of October 2021 and summarizes the activities up to end of this month.

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

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

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

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

### 19.2 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 Pandemic Covid-19 “However, achieved on 11-06-20 within the Cure period allowed in the Contract
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	25/06/19	15/11/2020	Achieved on 29 <sup>th</sup> November 2020 within the Cure period allowed in the Contract as Force Majeure Event-Pandemic effects .
M-4	Scheduled Completion of Project in all respect.	730	25/06/19	23/06/2021	Achieved on 12 <sup>th</sup> August 2021, Completion Certificate issued within the extended Contract Agreement. Provisional Completion Certificate issued on 12 <sup>th</sup> July 2021 as per the Contract Agreement.

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

### 19.3 Description of Works

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

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

### 19.4 Consultant Mobilization

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

### 19.5 Staff Mobilization

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

<b>Resident Engineer Office, Contract Package-01 (Hamirpur-Rath)</b>			
<b>Sl. No.</b>	<b>Position</b>	<b>Name</b>	<b>Date of Joining</b>
<b>Technical Staff</b>			
1	Resident Engineer	Mr. Jawahar Singh	01.10.2019
2	Assistant Highway Engineer-2	Mr. Ravish Kumar	03.08.2019
3	Assistant Quantity Surveyor	Mr. Kompella Srikanth	21.09.2020
4	Assistant Surveyor	Mr. Gopal Krishna Biswas transferred to UPG-04 Project from 04.10.2021	16.05.2019
5	Lab Technician	Mrs. Kilaparthi Venkata Visalakshi	09.08.2021
<b>Administrative Support Staff</b>			
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

## **19.6 Construction Activities : Forcuses on O&M Works**

### **19.6.1 Mobilization of Contractor**

#### **19.6.1.1 Base Camp Establishment**

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

Base Camp Office Address:

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

#### **19.6.1.2 Human Resources**

Contractor has mobilized Key Staff as given below;

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

#### **19.6.1.3 Equipment and Machinery**

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

#### **19.6.1.4 Material**

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

## **19.7 Work Progress**

### **19.7.1 Design and Drawings**

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

### **19.7.2 Maintenance Work Programme**

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

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

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

### 19.7.3 Financial Progress

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

### 19.7.4 Maintenance Payment Certificate

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

### 19.7.5 Physical Progress

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

## 19.8 Quality Control / Quality Assurance

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

## 19.9 Meetings & Site Inspections

- Team Leader (TL) and Deputy Team Leader (DTL) along with Resident Engineer (RE) visited the entire project highway on dated 12<sup>th</sup> & 13<sup>th</sup> October 2021 and instructed Contractor to carry out certain important maintenance activities which needs rectifications and restorations during m maintenance. Instructed the Contractor to complete the activities identified by Client during their visit on 27<sup>th</sup> September 2021.
- **Review Meeting on 23.10.2021:** Client conducted review meeting on 23.10.2021 at Lucknow, HQ along with Contractor and PMC Team regarding Maintenance Activities and instructed the contractor to strictly inspect the project highway to keep it safe for the Road Users.

## 19.10 Key Issues

### General Site Related Issues:

- Instructed the Contractor to work under SOP guidelines with all safety protocols.
- Instructed the Contractor to deploy adequate man-power & machinery for Maintenance activities of the Project.
- Contractor submitted the As-Built Drawings; these have been reviewed by AE and instructed the Contractor to incorporate all the comments and the final soft copy submitted and approved for printing hard copies.
- Contractor instructed to mobilize staff with road maintenance experience.

## 19.11 Project Completion /Operation and Maintenance Period

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.

## 19.12 Weather

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

## **20 CONTRACT PACKAGE UPG-03**

### **20.1 Introduction**

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

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

The Cumulative Physical Progress achieved 85.28% up to September-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.

### **20.2 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 2020 within the 30 days, Cure period allowed in the Contract
M-3	Stage Payments Statements for an amount not less than 70% of the Contract Price	510	06/10/2020	03/04/2021-13/06/2021	Achieved on 12 <sup>th</sup> June 2021
M-4	Scheduled Completion of Project in all respect.	730	04/04/2021	09/11/2021-19/01/2022	Under Progress

### **20.3 Salient Features**

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



## 20.4 Description of Works

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

### 20.4.1 Typical Cross Section

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

## 20.5 Consultant Mobilization

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

## 20.6 Staff Mobilization

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

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



<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	-	
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

## **20.7 Construction Activities**

### **20.7.1 Site Possession and Utilities**

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

### **20.7.2 Mobilization of Contractor**

#### **20.7.2.1 Base Camp Establishment**

Contractor has established the Base Camp Office at Ch.39+600 LHS, Village-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

#### **20.7.2.2 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. Arabind Kumar Singh	01.02.2021
2	Highway Engineer	Mr. Nirmal Singha	16.03.2020
3	Material Engineer	Mr. Lokeswar Rao Killamsetty	02.05.2019
4	Quantity Surveyor	Mr. Pawan Kumar	10.08.2020
5	Land Surveyor	Mr. NarendraYadav	20.04.2019
6	Mechanical Equipment Maintenance Engineer	Mr. Ravi Shankar Patnaik	20.07.2020
7	Bridge Engineer	Mr. Bulbul Prashad Yadav	02.05.2019
8	ESHS Officer	Mr. Ashok Kumar	18.06.2020

### 20.7.2.3 Plant and Machinery

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

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

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

### 20.7.2.4 Material

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

## 20.8 Work Progress

### 20.8.1 Structure Drawing Design Status

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

### 20.8.2 Work Programme and EOT

- Contractor's Revised Work Program Rev-05 w.r.t grant of 71days EOT is received vide letter no. APCO/WB- UPPWD/EGIS/ST/484Dated 20.04.2021. The same has been accepted by the Resident Engineer to monitoring their construction activities, vide Letter No. Egis India/RE UPG-03/UPCRNDP/419/2021 Dated 20.04.2021.
- Contractor applied for Interim Extension of Time (IEOT) for 162 days due to COVID-19 Force Majeure Event vide APCO Letter No. APCO/WB-UPPWD/EGIS/ ST/267 Dated 20<sup>th</sup> July 2020. Authority Engineer evaluated and recommended IEOT for 71 days vide our letter No. Egis India/HO/UPCRNDP/65080/2020 Dated 09.12.2020.
- 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 71 Days vide letter ref. no. Egis India/HO/UPCRNDP/67880/2021 Dated.15.03.2021for accepting the revised date for completing the Project.

- Contractor applied for Comprehensive Interim Application for Extension of Time (IEOT-2) , AE is evaluating and to response soon.

### 20.8.3 Financial Progress:

UPG/03 Gola-Shahjahanpur SH-93	Up to 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.)	311.8	262.67	14.27	00	326.07	262.67
In % age	87.38%	73.6%	3.99%	00%	91.37%	73.6%

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

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

IPC No.	IPC for the month of	Send by the Engineer	Payment Date	Gross Amount w.r.t. Contract (INR)	Gross Amount including P.A (INR)	Net Amount (INR)	Remarks
IPC-1	Mobilization	3.12.19	11.12.19	35,69,00,000	35,69,00,000	34,97,62,000	Mobilization
IPC-2	Up to March-2020	20.03.20	30.03.20	36,08,47,913	36,81,38,192	32,76,42,990	Work done
IPC-3	Up To 30 <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 2nd Installment (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

## 20.8.5 Physical Progress

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

Highway Physical Progress in Linear Length										
Sl.N	Description	Unit	Scope	Revised Scope	Work Done up to previous Month	Progress During the Month			Work Done up to Date	Progress w.r.t Scope Work
						Length Achieved				
					Average	LHS	RHS	Average	Average	In %
1	Subgrade Top	Km	57.535	56.388	54.850	0.09	0.433	0.262	55.112	97.74
2	GSB	Km	57.535	56.388	54.820	0.00	0.140	0.070	54.890	97.34
3	WMM Top	Km	57.535	56.388	54.408	0.00	0.00	0.00	54.408	96.49
4	DBM Top	Km	57.535	56.388	54.270	0.00	0.190	0.095	54.365	96.41
5	BC	Km	57.535	56.388	50.680	0.620	0.620	0.620	51.300	90.97

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

Physical Progress of Structure Works Up to the Month of October - 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	60.00%
3	Wild Animal Under Pass	3	3	3	0	0	100%
4	Box Culverts (Reconstruction)	19	18	18	0	1	94.74%
5	HP Culverts (Reconstruction)	17	17	17	0	0	100%
6	Minor Bridge (Widening +Rep.)	3	2	3	0	0	100%

7	Culverts (Widening +Rep.)	36	32	32	0	4	88.89%
8	Repair of Structures	15	15	15	0	0	100%
	<b>Total</b>	<b>98</b>	<b>88</b>	<b>89</b>	<b>4</b>	<b>5</b>	

#### 20.8.6 Additional Details

Further progress details may be found in:

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

Annexure – F, Bar Chart of Physical Progress of Highway

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

Annexure - H, Cross Road Culverts (Drain)

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

Annexure- J, Logistic Plan

#### 20.9 Quality Control / Quality Assurance

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

#### 20.10 Meetings & Site Inspections

- Progress Review Meeting with Project Director, UPPWD & Contractor (APCO) held at CE (EAP), UPPWD Office on 11<sup>th</sup> October, 2021.
- Site Inspection Carried out by Team Leader Mohd. Ayaz Beg and Deputy Team Leader Mr. Sarwan Singh Saini on 19<sup>th</sup> October, 2021 and commenced meeting at site with APCO and reviewed the progress of work mainly for construction of Bridges.
- Site Inspection Carried out by Senior Bridge Engineer Mr. Rajeev Ranjan Verma from 12<sup>th</sup> October, 2021 to 14<sup>th</sup> October, 2021 and 27<sup>th</sup> October, 2021 to 30<sup>th</sup> October, 2021.
- Progress Review Meeting held with CE, PD, PMC and Contractor on dated 23<sup>rd</sup> October 2021. Instructed Contractor to complete all the works as per approved Schedule.
- Meeting with UPPWD, Egis Design Team and APCO Design Team held on 25<sup>th</sup> October 2021 to finalize the re-design of Major Bridge at Km 25+608.

#### 20.11 Key and Potential Issues

- Contractor intends to submit IEOT2 again as the previous claim rejected by AE, required substantiations with specific reference to the second wave of Pandemic Covid-19 which caused delay to the manufacturing of steel bridge parts as oxygen gas was diverted for medical needs.
- Three Wild Animal Underpasses in Reserve Forest Area under Change of Scope (COS) are in-progress; Finalized Cost Estimation of this COS.
- 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 3<sup>rd</sup> March 2020. COS –VE cost estimate finalized.
- De-scope 2<sup>nd</sup> order issued by the Client (UPPWD) 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. COS –VE cost estimate finalized.
- The revised project length is 56.388 Km after reduction of 1.147 Km from the design length of 57.535 Km.
- Instructed Contractor to expedite the re-design work of Major Bridge at Km.25+608 and warned him of the high risks of not completing the project as per Contract provisions and therefore Damages could be imposed by the Authority.
- Progress of Minor Bridge at Ch. 7+163, Ch. 43+682 & Ch. 46+989 and Major Bridge at Ch. 25+608 is very slow, instructed to Contractor to provide sufficient resources/ expedite the work in order to complete the work as per Approved Work Program.
- Progress of CPR Structure is very slow, instructed Contractor to expedite the work and complete it within stipulated time. Total No. of CPRs-17, Completed-10 and Work in Progress- 07.
- Progress of Rain Water Harvesting is very slow only 41/114 Nos. Under Progress as on date 30.10.2021, instructed Contractor (APCO) to increase the resources and expedite the work.
- Contractor also been instructed to expedite all Road Furniture Works to catch-up with the Program as Schedule Completion Date is 19.01.2022 after considering 71 days IEOT.

## **20.12 Weather Report**

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

## 21 CONTRACT PACKAGE UPG-04

### 21.1 Introduction

Contract Package **UPG-04**, Engineering, Procurement and Construction Contract for Up-gradation (Widening/Strengthening) of Badaun-Bilsi-Bijnaour Section of SH-51 from Km.58+400 to Km.137+820, has been awarded to **M/s GAWAR Construction Ltd., Gurugram** through ICB Bidding norms for up-gradation and development. The Contract Agreement No.117/UPCRNDP/CEEAP/2019-20 were signed on 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 91.44% as on 31<sup>st</sup> October 2021 and Financial Progress is 89.44% up to 31<sup>st</sup> August 2021.

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

### 21.2 Milestones

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

Part-1 Mile Stone	Physical Works to be Completed as per Schedule-J	Period and Date of Completion			Status as on Date
		Period in Days	Start Date	Scheduled 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	Under progress



### 21.3 Salient Features

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

### 21.4 Description of Works

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

#### 21.4.1 Typical Cross Section

<b>Application of Typical Road Cross Sections</b>							
<b>Cross Section Type</b>	<b>Application</b>	<b>Length (Km)</b>	<b>Width (m)</b>				
			<b>Carriageway</b>	<b>Paved Shoulder</b>	<b>Earthen Shoulder</b>	<b>Footpath cum Drain</b>	<b>Paver Block</b>
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
<b>Total Project Length (Km)</b>		<b>79.125</b>					

### 21.5 Mobilization of Consultant

### 21.6 Staff Mobilisation

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

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

<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. Gyan Singh	11.10.2021
14	Office Assistant	Mr.Nakul Singh	04.10.2019
15	Watchman	Mr.Amit Kumar	27.11.2019

## **21.7 Construction Activities**

### **21.7.1 Site Possession and Utilities**

Client through the memorandum dated 04.11.2019 handed over to the Contractor more than 90% un-encumbered land and issued the Appointed Date as 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**

### **21.7.2 Mobilization of Contractor**

#### **21.7.2.1 Base Camp Establishment**

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

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

#### **21.7.2.2 Human Resources**

The Contractor mobilised key staff is listed in table below;

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

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

### 21.7.2.3 Plant and Machinery

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

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

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

### 21.7.2.4 Material

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

## 21.8 Work Progress

### 21.8.1 Design and Drawings

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

### 21.8.2 Work Programme & Interim Extension of Time (IEOT)

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

### 21.8.3 Financial Progress

UPG/04 Badaun-Bilsi- Bijnaour	Up to End of Previous Month		This Month		Cumulative up to Date	
	Target	Achieved	Target	Achieved	Target	Achieved
Amount (in Cr.)	331.23	298.80	2.77	0.00	334.00	298.80
In % age	99.15%	89.44%	0.82%	0.00%	100%	89.44%

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

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

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

## 21.8.5 Physical Progress

Highway Physical Progress in Linear Length									
Sl.	Description	Unit	Scope	Work Done up to Previous Month	Progress During the Month			Work Done up to Date	Progress w.r.t Scope Work
					Length Achieved				
				Average	LHS	RHS	Average	Average	In %
1	Subgrade Top	Km	79.125	77.98		0.61	0.61	78.60	99.33%
2	GSB	Km	79.125	77.98		0.61	0.61	78.60	99.33%
3	WMM Top	Km	79.125	77.98		0.61	0.61	78.60	99.33%
4	DBM	Km	79.125	77.98		0.61	0.61	78.60	99.33%
5	BC	Km	79.125	77.04		0.00	0.00	77.04	97.36%

**Structure Works:** Progress of Structure works during the month;

Package – UPG-04 ( Badaun – Bilsa- Bijnaour Road Project )							
S N	Type of Structures	Revised Scope	Completed Up to Previous Month	Cumulative Completed Up to This Month	Work in Progress	Work Not Started	% Completion
1	Minor Bridges (Reconstruction)	2	2	2	2	0	0
2	Box Culverts (Reconstruction)	11	11	10	10	0	1
3	Slab Culverts (Reconstruction)	69	69	69	69	0	0
4	HP Culverts (Reconstruction)	6	6	6	6	0	0
5	Minor Bridge ( Wid. +Rep.)	1	1	1	1	0	0
6	Culverts ( Wid. +Rep.)	19	19	18	18	0	1
7	Repair of Structures	4	4	02	03	0	1
	<b>Total</b>	112	112	108	109	00	3

### Additional Details

Further Progress Details May Be Found in;

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

Annexure – G, Bar Chart of Physical Progress of Highway

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

Annexure - I, Cross Road Culverts (Drain)

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

Annexure- K, Logistic Plan

## **21.9 Quality Control / Quality Assurance**

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

## **21.10 Meetings & Site Inspections**

- Site Visit of Egis Team Leader Mr. Mohd. Ayaz Beg and Deputy Team Leader Mr. Sarwan Singh Saini on 20.10.2021 to 21.10.2021 to review the progress of Work.
- Progress Review meeting with Project Director UPPWD held on 23<sup>rd</sup> October 2021 at Chief Engineer Office Lucknow.
- Site Inspection of Technical Audit Cell (TAC) PWD Lucknow held on 25.10.2021
- Site Visit of World Bank Division Moradabad Assistant Engineer Mr. Pramod Kumar Singh Rana on 11.10.2021, 20.10.2021 & 25.10.2021.

## **21.11 Key Issues**

- It has been noted that the Irrigation Dept. has demolished the newly built road at 4 locations and constructing bridges/Box culverts for irrigation canal crossings with diversions provided by their contractor.
- M/s GAWAR Contruction Ltd. the contractor for the Road project has Confirmed with details of the effected sections that as these sections of the Road will be constructed and reinstated by the Irrigation Department, M/s GAWAR Construction Ltd. shall not be responsible for the maintenance and any defects of all the works within these above mentioned sections.
- Bus Shelters and Toilet Blocks at Truck Laybys to be relocated as residents objecting to the location shown on the approved drawings.
- The cost estimation 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 is to be discussed further with the all parties to confirm if this work is COS.
- Compulsory Afforestation and Rainwater Harvesting work should be completed before offset of monsoon. Instructions issued in writing to the Contractor to expedite the Works.
- EMP enhancement work is very slow need to be expedited.
- Rain Water Harvester and Tree plantation work is very slow to be expedited.
- Ground water withdrawal permission from concerned authority to be expedited.
- Contractor reminded to focus and expedite Road furniture works, dressing of the soft shoulders, construct the earthen ditch at toe of emankments.
- Additional flagmen to be provided with all the required road signs at the diversions and any workzone adjacent to Live carriageway to slow the traffic.

## **21.12 Weather**

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

## **ENVIRONMENT, SOCIAL, HEALTH AND SAFETY**



## 22 ENVIRONMENT, SOCIAL, HEALTH AND SAFETY

### 22.1 Introduction

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

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

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

UPG-01 (Hamirpur-Rath)	SH-42	72.785km	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

### 22.2 ESHS Issues and Corrective Actions Taken

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

#### 22.2.1 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

**22.2.2 Essential Project Insurances**

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

Package	<b>Table B -Status of Insurance Coverage</b>					
	<b>Employees Compensation (WC) Policy</b>		<b>Contractor's All Risk (CAR) Policy.</b>		<b>Public (3rd Party) liability Insurance</b>	
	<b>Insurer</b>	<b>Valid</b>	<b>Insurer</b>	<b>Valid</b>	<b>Insurer</b>	<b>Valid</b>
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 (Renewed)	The New India Insurance Co. Ltd.	01-11-21 (Renewed)	The New India Insurance Co. Ltd.	01-11-21 (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: UPG-01 the Contractor has submitted the premium payment acknowledgement, renewal copy of insurance awaited. UPG-02 renewal copy received.

**Bank of Baroda** मुद्रांकन संख्या, दिनांक - २९/०७/२०२१ को गैर वैध करीब से तीन माह के लिए वैध VALID FOR THREE MONTHS FROM THE DATE OF ISSUE  
Muskara Branch, Dist - Hamirpur, UP - 210506 CBS 300712021  
RTGS / NEFT IFSC CODE: BARB0MUSKAR चालू खाता / CURRENT ACCOUNT D D M M Y Y Y Y

Pay **IFFCO TOKIO GENERAL INSURANCE CO. LTD.** Or Bearer  
या धारक को

Rupees रुपये **Twenty Seven Lakh Ninety Three Thousand Sixty only** अदा करें ₹ **27,93,060/-**

आ. सं. 5635020000151 A/C PAYEE'S ONLY FOR GHV INDIA PRIVATE LIMITED  
FOR GHV INDIA PRIVATE LIMITED FOR GHV INDIA PRIVATE LIMITED  
CA2012/SE भुगतान की सभी शाखाओं में समतुल्यता देना MBR Payable at par at all branches in India Please sign above  
\*\*000936\*\* 2100121031 2001511 29

**UPG-01: Acknowledgement of Premium Payment**

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

**ADDITIONAL ENDORSEMENT DOCUMENT**  
**CONTRACTOR ALL RISKS INSURANCE Policy**

Insured Name	CHIEF ENGINEER, EXT. AIDED PROJECT UP PWD & AKC PROJECTS PVT. LTD.	Insurer Office Code	LUCKNOW DO 1 (420400)
Address	243, VILLAGE PURNEIYA, TEHSIL: TEHROLI, JHANSI, UTTAR PRADESH, 284002	Address	3RD FLOOR, ARIF CHAMBER-1, KAPOORTHALA BAGH, LUCKNOW U.P., 226020
Telephone	9811700082	Telephone	0522329634 / 0522328096
Fax		Fax	
Email	na.420400@newindia.co.in	Email	na.420400@newindia.co.in
GSTIN	09AACN4070E1ZN	GSTIN	09AACN4185C42M
UIN	NA	SAC	997139 (Other non-life insurance services excl RJ)

Endorsement attached to forming part of Policy Number	42040044190300000073
Department	Engineering
Cover	NA
Period of Insurance	From 20/02/2020 05:35:05 PM To 01/11/2021 11:59:59 PM
Endorsement No.	42040044200383000016
Effective Date	02 August 2020
Date Signed	31/07/2020
Sum Insured	2,215,000,000.00
Additional Premium	609,125.00
Refund Premium	NA
Refund ST/GST	NA

Parent Policy Number : 42040044190300000073

Policy Duration : 02/08/2020 TO 01/11/2021

Risk Number	Parameter Name	Changed Value	Old Value
1	Estimated Construction Period To	01/11/2020	01/08/2020
1	Original Project End Date	01/11/2020	01/08/2020
1	Policy Start Date CR	Unchanged	20/02/2020
1	Policy Status (Machine)	N/A	N/A
1	Probable date of completion of construction	01/11/2020	01/08/2020
1	Maintenance Period	01/11/2021	01/08/2021

It is hereby understood and agreed that the endorsement on policy 42040044190300000073 will be in effect from 02 August 2020.

**Reason** Policy extended by 3 months from 02.08.2020 TO 01.11.2021 by collecting extra premium

Premium and GST Details	Rate of Tax	Amount
Premium		609,125.00
SGST	9	54821
CGST	9	54821
IGST	0	0
<b>TOTAL PAYABLE</b>		718767
<b>TOTAL PAYABLE (in words)</b>		RUPEES SEVEN LAC EIGHTEEN THOUSAND SEVEN HUNDRED SIXTY-SEVEN ONLY

IN WITNESS WHEREOF THIS POLICY has been signed at this 31-Jul-20.

Policy No. : 42040044190300000073 Document generated by 22702 at 31/07/2020 22:38:34 Hours.  
Regd. & Head Office: New India Assurance Bldg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415.

GSTIN : 09AACN4185C42M  
Arif Chamber-1, 3rd Floor, Kapoorthala Complex, Aliganj, Lucknow-226020 (U.P.)  
Tel. 0522-2328096, 2329634, Fax. 0522-2331967

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

**Extension Details:**

Period of extension	Modified Expiry date
	01-Nov-21

Place ARIF CHAMBER-1, KAPOORTHALA BAGH, LUCKNOW U.P., 226020  
Date 31/07/2020



For and on behalf of  
The New India Assurance Company Limited  
Authorized Signatory

Tax Invoice No : 420400205000811  
IRDA Registration Number: 190

Policy No. : 42040044190300000073 Document generated by 22702 at 31/07/2020 22:38:34 Hours.  
Regd. & Head Office: New India Assurance Bldg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415.

GSTIN : 09AACN4185C42M  
Arif Chamber-1, 3rd Floor, Kapoorthala Complex, Aliganj, Lucknow-226020 (U.P.)  
Tel. 0522-2328096, 2329634, Fax. 0522-2331967

**UPG-02: CAR Policy Valid till-01-11-2021 Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021.**

<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <p><b>FUTURE GENERALI</b> TOTAL INSURANCE SOLUTIONS</p> </div> <div style="font-size: small;"> <p>Branch Office 230A, 3<sup>rd</sup> Floor, AIC Bose Road, Chittrakoot Building, Kolkata – 700020, India. Tel : +91-33-4502 7401 Fax : +91-33-4052-7444</p> </div> </div> <p>Date: 19-02-2021</p> <p>To, N K C PROJECTS PVT LTD. 243 VILLAGE- PURENIYA TEHSIL- TEHRULI JHANSI UTTAR PRADESH 284206</p> <p>Sub : Held Cover Letter for N K C PROJECTS PVT LTD.</p> <p>We thank you for expressing your confidence in Future Generali India Insurance Company Limited by placing the business with us. We hereby acknowledge the receipt of the premium of Rs. 5404/- and confirmed having covered your <u>Workmen Compensation policy</u> for the period 20-02-2021 to 19-11-2021.</p> <p>COUNT OF EMPLOYEES - 10</p> <p>RISK LOCATION - GARAUTHA- CHIRGAON SECTION OF SH 42 FROM KM 118.600 TO KM 167.745 IN THE STATE OF UP JHANSI State-UTTAR PRADESH PIN- 284301</p> <p>NATURE OF WORK - UPGARDATION AND MAINTENANCE OF GARAUTHA- CHIRGAON SECTION OF SH 42 FROM KM 118.600 TO KM 167.745 IN THE STATE OF UP JHANSI State-UTTAR PRADESH PIN- 284301</p> <p>Terms, conditions and deductibles shall be as mentioned in our attached quotation.</p> <p>Thank you for your support. We shall be issuing policy very soon.</p> <p>Thanking you, Yours faithfully,</p> <div style="text-align: center;">         Authorized signatory,        Future Generali India Insurance Company Limited     </div>	<p>UPG-02: CAR Policy Valid till-19-11-2021 Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021.</p>
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### 22.2.3 Aggregate Procurement

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

### 22.2.4 Borrow Areas

**SEIAA Permit for Borrow Area Operation** is exempted by the both MoEFCC Notification No. S.O.1224(E) dated 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	45	38	31	2	4	0	28	7	28
UPG-04	45	36	30	1	3	0	25	5	23
<b>Total</b>	<b>178</b>	<b>150</b>	<b>132</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>124</b>	<b>12</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 45 BA; 37 (5+3) approved; Exhausted 31(5+3); [(5+3) represents as (5-Owner not agreed) + (3-Crop standing) = 08; these 8 Borrow Pits eventually considered as Closed];

**22.2.5 Unresolved Issues:**

**UPG-02 Garautha-Chirgaon** – Avenue Plantation issues resolved and work has been taken-up by Forest Department, Jhansi Division. **Resolved**

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

**UPG-04 B-B-B** Ground Water Permission pending since setting of bore well established at base Camp Ch.102+400. **Issue resolved.**

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

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

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

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

**22.2.5.1 ESHS Cell/ Staff:**

All EPC contractors has mobilized ESHS Staff – Issues resolved.

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



### 22.2.5.2 Tree/ Avenue Plantation

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

<b>Table-E: Tree/ Avenue Plantation Status (In Numbers)</b>					
<b>Package</b>	<b>No of Trees Cut</b>	<b>Trees as per CA</b>	<b>Length in Km</b>	<b>Completed</b>	<b>Balance</b>
UPG-01	54436	16952	26.354	16952	0
UPG-02	2456	4912	Forest Dept.	300	4612
UPG-03	6219	10578	14.37	10578	0
UPG-04	11079	31334	21.793	3100	28234
<b>TOTAL</b>	<b>74190</b>	<b>63776</b>	<b>53.434</b>	<b>30930</b>	<b>32846</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; (Ref. Egis India/LKO/UPCRNDP/2021/1489 Dt.30-10-2021).					

### 22.2.5.3 Rainwater Harvesting

The locations for RWH are finalized for all on-going 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.

<b>Table-F: Rain Water Harvesting Structures Status</b>				
<b>Package</b>	<b>RWH Progress Status (In Numbers)</b>			
	<b>Approved</b>	<b>Completed</b>	<b>In-progress</b>	<b>Balance</b>
<b>UPG-01 Hamirpur-Rath</b>	<b>42</b>	<b>42</b>	<b>0</b>	<b>0</b>
<b>UPG-02 Garautha-Chirgaon</b>	<b>25</b>	<b>25</b>	<b>0</b>	<b>0</b>
UPG-03 Gola-Shahjahanpur	114	19	41	54
UPG-04 Badaun-Bilsi-Bijnaour	122	0	49	93
<b>Total</b>	<b>303</b>	<b>86</b>	<b>90</b>	<b>147</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;				

### 22.2.5.4 Flyash

<b>Package</b>	<b>Table-G: Status of Fly Ash utilization</b>			
	<b>Estimated Qty.</b>		<b>Contractor's Progress Status</b>	
	<b>Qty. (Cum)</b>	<b>Identified Nearest Source</b>	<b>Used Qty. (Cum)</b>	<b>Remarks</b>
UPG-01	0	NA	NA	NA
UPG-02	19000	Panki-Kanpur Thermal Power Plant	17367	Closed - NO Further scope to use Fly Ash
UPG-03	24180	Reliance ROSA Thermal Power Plant	NA	NO Surplus Fly Ash available

UPG-04	12860	NTPC-Dadari; UPRVUNL-Harduaganj;	0	Proposed location for use of flyash is not required, as 2 proposed bridges on realignment is now being constructed on existing alignment.
<b>Total</b>	<b>56040</b>		<b>17367</b>	<b>38673</b>

#### 22.2.5.5 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 has been 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	Completed at Ch.74+623
		5+800	RHS	Pond	15	NIL	NIL	Completed At Ch.9+800
		7+700	RHS	Temple	25	4	NIL	Completed
UPG-02	2	123+000	LHS	Temple	4	3	NIL	Completed
		165+000	LHS	Temple	4	4	NIL	Completed
UPG-03	3	9+300	RHS	School	16	NIL	NIL	Completed
		28+000	LHS	Pond	NIL	4	1	Finishing In-progress;
		52+000	LHS	School	15	NIL	NIL	Completed
UPG-04	2	61+500	LHS	Pond	NIL	4	1	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>	



**Note:** UPG-01: 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)

#### **22.2.5.6 Other Construction Work Sites Related Issues:**

**UPG-01: Provisional Completion Certificate (PCC):** “The Engineer” has issued the PCC with effect from 12<sup>th</sup> July-2021 and further Final Completion Certificate was issued on 12<sup>th</sup> August 2021; The Project is under Operation and Maintenance Phase. The O&M Phase activities shall be monitor as per Contractor’s Proposed O&M manual and Contractor ESMP Provisions.

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

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

- (i) 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. The preliminary report on provisions of Cattle underpass at Reserve Forest Area has been prepared and submitted to Authority. Final Comprehensive report shall be submitted after detailed investigation.

#### **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-lying 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).

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

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

<b>Table-I: The Performance of Contractors in this month</b>					
<b>Package</b>	<b>Contractor</b>	<b>E&amp;S</b>	<b>OHS</b>	<b>Total - ESHS Performance</b>	<b>Ranking</b>
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: Environment and Social; OHS: Occupational Health and Construction Safety</b>				

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

### 22.4 Construction Stage Monitoring

The Authority Engineers' (AE/PMC) Junior Environmental Expert of ongoing Project Office being regularly monitored and ensure the compliance of issues as notified by the Environment Expert from T.L. office.

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

<b>Table-J: Progress of Implementation of Contract Environmental Management Plan (EMP)</b>			
<b>Issues</b>	<b>Site Activity &amp; Chainage (Km)</b>	<b>Observation</b>	<b>Proposed Corrective Action</b>
<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 completed; Crust filling is under progress.
	UPG-04: Bridge Construction at Ch.120+468 and 130+020	On both end of Bridge approaches (appr. Ch.120+468 & 130+020) the traffic was moving on temporary diversion since May-2021;	Recommended work completed;
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	UPG-03 has started the utilization of

**Table-J: Progress of Implementation of Contract Environmental Management Plan (EMP)**

Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
		unusable materials.	unserviceable/ black cotton soil on emb. Slopes for grass turfing. Contractor for UPG-4 has to 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 29 Exhausted Borrow Pits (8-unused BA are also considered as closed =37 Ref. above Table-14) 28 are Redeveloped;	To be expedite
	UPG-04	Ref. above Table-14; Redevelopment work started; Out of 30 exhausted BA 25 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. Reconciliation of materials to be done.	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 has been completed 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 Scarification / milling	UPG-03 & UPG-04: Contractor has planned to reuse materials as (Reclaimed Asphalt Pavement-RAP).	Record to be maintained & submit to AE/PMC.

Table-J: Progress of Implementation of Contract Environmental Management Plan (EMP)			
Issues	Site Activity & Chainage (Km)	Observation	Proposed Corrective Action
	materials are stock piling in Camp area		
Pollution Monitoring	Pollution has been conducted in all contract packages.	Air, water, Noise and Soil Monitoring for previous quarter completed & results found within permissible limits. The results of current quarter is awaited.	Water sprinkling to be continued in all working sites.
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 Managem ent		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 work found satisfactory; UPG-03 - Satisfactory;	Proper house keeping with special attention at materials stock yards

<b>Table-J: Progress of Implementation of Contract Environmental Management Plan (EMP)</b>			
<b>Issues</b>	<b>Site Activity &amp; Chainage (Km)</b>	<b>Observation</b>	<b>Proposed Corrective Action</b>
		UPG-04: Moderate Satisfactory – due to un-designated sites for storage of materials.	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 Ch.57+000 & Camp Ch.14+200 are demobilized; 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

## **22.5 Construction Site Management**

### **22.5.1 Compliance Status of Environmental Safeguard**

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



**Table-K: 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) Copy awaited.	Available-Validity till 01/11/2021 (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



## 23 CONSTRUCTION SAFETY MONITORING AND COMPLIANCE REPORT

S.No.	REQUIRED DATA		UPG-01	UPG -03	UPG-04	UPG-02	TOTAL
	Description	Unit	Month of Oct, 21	Month of Oct, 21	Month of Oct, 21	Month of Oct, 21	
SAFE MAN-HOURS ACHIEVE STATUS							
1	Average No. of Employees / Day Deployed at Project site (Skilled & Unskilled)	Nos	15	362	140	11	528
2	Man-hours worked / Day (as above)	Hrs.	150	2896	1680	110	4836
3	Man-hours worked during this month (Excluding Sunday & Holiday)	Hrs.	3750	66608	52080	2750	125188
PROJECT CRASH DATA REPORT							
1	First Aid Incidents	Nos	0	2	1	0	3
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	1	0	1
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	0	0	1	0	1
b	Major Injury	Nos	0	0	3	0	3
c	Minor Injury(Road Incident Data )	Nos	0	6	2	0	8
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	10	5	1	17
2	Percentage of compliance to unsafe acts & unsafe conditions	Nos	100%	-	100%	100%	100%
3	Number of Mock drill conducted	Nos	0	0	0	0	0
4	Awareness program conducted (Award / Reward to Worker / Engineers)	Nos	1	0	0	1	2
5	General Health checkup	Nos	1	1	0	1	3
<b>Note:- All data as provided by the Contractor and verified by AE's Field Staff. UPG-01 and UPG-02 Project Completed; O&amp;M Period is Under Progress.</b>							

### 23.1 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

**CERTIFICATION & IMPLEMENTATION OF ISO STANDARDS**

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

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

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

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

Sl. No	Project Name	Description of program	Training provided by	No. of Person
1	UPG-01-HR-SH-42	Safety Induction (First-aid, Use the PPE's, & Working at heights)	GHV& EGIS (HSE)	8
2	UPG-01-HR-SH-42	Use the PPE's	GHV& EGIS (HSE)	80
3	UPG-01-HR-SH-42	Tool box talk	GHV& EGIS (HSE)	350
4	UPG-01-HR-SH-42	First-aid Training	GHV& EGIS (HSE)	4
5	UPG-01-HR-SH-42	Fire Extinguisher Inspection & Training	GHV& EGIS (HSE)	6
6	UPG-01-HR-SH-42	Vehicle Inspection & Training	GHV& EGIS (HSE)	13
S.No.	Project Name	Description of Program	Training provided by	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	During Girder Launching adopt the safety measures	APCO & EGIS (HSE)	11
2	UPG-03 GSP-SH-93	Adopt the safety measures during Girder Launching	APCO & EGIS (HSE)	22
3	UPG-03 GSP-SH-93	General Safety Induction covered the Topic Housekeeping and use of PPEs	APCO & EGIS (HSE)	10
4	UPG-03 GSP-SH-93	General Safety Induction covered the Topic Housekeeping and use of	APCO & EGIS (HSE)	12

		PPEs		
5	UPG-03 GSP-SH-93	HIV/AIDS Awareness program & General Health Checkup	APCO & EGIS (HSE)	50
6	UPG-03 GSP-SH-93	During working at Height using the platform & Use the PPE's Training	APCO & EGIS (HSE)	11
7	UPG-03 GSP-SH-93	During Reinforcement work using the PPE's	APCO & EGIS (HSE)	9
8	UPG-03 GSP-SH-93	Handling of crane and girder signal	APCO & EGIS (HSE)	13
9	UPG-03 GSP-SH-93	Safety Precaution of Girder Erection	APCO & EGIS (HSE)	13
10	UPG-03 GSP-SH-93	Work at height using the plate form and PPE's	APCO & EGIS (HSE)	8
<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 Awareness	GAWAR & EGIS (HSE)	23
2	UPG-04 B-B-B SH-51	Flagmen training	GAWAR & EGIS (HSE)	08
3	UPG-04 B-B-B SH-51	Covid 19 vaccination awareness	GAWAR & EGIS (HSE)	17
4	UPG-04 B-B-B SH-51	Behavior based safety program	GAWAR & EGIS (HSE)	11
5	UPG-04 B-B-B SH-51	material handling and ladder safety	GAWAR & EGIS (HSE)	15
<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

## **24 SOCIAL MONITORING AND COMPLIANCE REPORT**

### **Introduction**

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

Progress on resettlement activities has been achieved except the training.

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

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

### **RP Implementing NGO**

M/S Development Institute for Systems Alternatives (NGO) based in Lucknow was appointed to assist PWD in land acquisition, resettlement and rehabilitation activities under UPCRNDP project. The services of above NGO awarded in under Contract No 123/1-13/UPCRNDP/CEEAP/2020 dated 21/10/2020 under IBRD- Loan No 8940-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-Shajahanpur)	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 affection only 84 , The amount disbursed so far Rs. 42473800 out of amount 43591560 as per revised land estimates.



**Table 3: Status of Disbursement (SQ&EN)**

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

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

**\*UPG 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.

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



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

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### **Progress of Land Acquisition**

Land acquisition under the project is being carried out as per the Government order number 2/2015/215/Ek-13-2015-20(48)/2011 Rajaswa Anubhag-13 dated 19.03.2015. However, the provisions of Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013 and subsequent supplements by the Government of Uttar Pradesh shall prevail in case direct purchase of land fails. To complete the land acquisition in stipulated time, direct purchase method under UPCRNDP project has been applied in which the DLC members were involved for fixing the value of land through private negotiation and accordingly the conveyance deed is being signed with the land owners.

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

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

The detailed status of acquisition of land is as under:

#### Status of Land Acquisition

District	Tehsil	Village	Extent of private land to be acquired originally (Hectare)	Total nos of TH affected originally	Total approved amount	Revised land estimates as per site condition as on date (Hectare)	Revised nos of TH affected as on date	Total amount as per revised land estimates	Land acquired so far	Balance area of land to be acquired	Amount disbursed so far
Kheri	Mohammadi	Dilawarpur	0.531	16	9345600	0.531	16	9345600	0.531	0	9345600
		Dayanatpur	0.344	10	3990400	0.138	9	1600800	0.115	0.023	1334000
		Macchecha	0.4121	8	5604560	0.4121	8	5604560	0.394	0.0181	5358400
		Tajpur	0.972	22	13219200	0.972	26	13219200	0.972	0	13219200
	Gola	Sheetalpur	0.2989	14	3347680	0.2989	14	3347680	0.2449	0.054	2742880
Shahjahanpur	Shahjahanpur Sadar	Piparia	0.4795	22	11507880	0.4298	11	10473720	0.4298	0	10473720
<b>Total</b>			<b>3.0375</b>	<b>92</b>	<b>47015320</b>	<b>2.7818</b>	<b>84</b>	<b>43591560</b>	<b>2.6867</b>	<b>0.0951</b>	<b>42473800</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
Kheri	Mohammadi	Dayanapur	24	611d	0.0057	Ranjan Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	The ownership was in the name of Shri Ram Avtar. After death of late Ramavtar, the land parcel in question further mutated to the legal heir i.e., his wife Smt. Lakhrani and his three sons, Arjun Kumar, Rajesh Kumar and Ranjan Kumar. Smt Lakhrani remarried to another person and leave the house of Shri Ram Avtar. Remaining legal heir (three sons) are minor interm of age factor and are residing with their grandmother since 2019. Many consultations have been done with shareholders for updation of the revenue record but it is still pending
					0.0057	Arjun Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	
					0.0057	Rajesh Kumar (Minor), S/o Ramawatar, Guardian Mother Lakhrani	
					0.0059	Lakhrani W/c Lt. Ramawatar	
			413	991	0.0181	Ram Pal, S/o Pyarey	
		Sheetalpur	193	1391	0.054	Janki W/o Bhima	Janki has died. His daughter has two sons who have not claimed property due to a family dispute. The matter is in judiciary.
			Total				0.0951

**Institutional Arrangement and Implementation Mechanism**
**Public Works Division (PWD)**

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

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

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

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

### **Revenue Department**

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

### **PMC**

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

### **Resettlement Plan Implementing NGO**

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

**Table 7: Preparation and Distribution of ID Cards**

<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>	<b>Remark</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 35 are physically relocated and the rest 8 CPRs is under Construction. The Contractor should take proactive action for completion of shifting of balance CPRs at the earliest.

**Table 8: Status of CPRs**

Package	Status of CPRs Structures in Numbers						
	CPRs to be Relocated		CPRs Relocation Sites Finalization & Progress				
	As per RAP	As per Joint Verification	Consent Received / Site Finalized	Drawing Finalized	Relocated / Enhancement	In progress	Balance
UPG-01	20	13	13	13	13	0	0
UPG-02	4	2	2	2	2	0	0
UPG-03	16	17	17	17	12	5	0
UPG-04	20	11	11	11	8	2	1
<b>Total</b>	<b>60</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>35</b>	<b>7</b>	<b>1</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 laborers and employees whose livelihood are getting affected adversely due the project are entitled for the training to enhance or at least restore their financial status.

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

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

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

### **INCOME RESTORATION PROCESS**

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

- Identifying eligible PAPs through NTH 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 October 2021, 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	1	HIV/AIDS Awareness Program & General Health Checkup
UPG-04	0	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)**

## **25 PART-C COMPONENT**

### **25.1 OVERALL PROGRESS OF UPCRNDP – PMC's SCOPE**

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

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

**Risk Management Status as on 12.10. 2021 is tabulated as follows:**

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

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

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



## 25.2 Status of Consultancy Services required and Mobilized under UPCRNDP

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

	(Baseline).				
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	<ul style="list-style-type: none"> <li>• Procurement under process.</li> <li># On 17 April 2021, 15 EOI's received &amp; evaluated by the TEC on July 10-11, 2021.</li> <li># The recommended report was sent to the Government for approval from the Project Steering Committee(PSC) constituted by the Government.</li> </ul>	
12	Phase-2 of NGO Services.	QCBS	Prior	<ul style="list-style-type: none"> <li>• Procurement under process.</li> <li># On 12 July 2021, 12 EOI's received &amp; evaluated by the TEC on Sept 04-05, 2021.</li> <li># The recommended report was sent to the Government for approval from the Project Steering Committee(PSC) constituted by the Government.</li> </ul>	
13	Consultancy for Internal Auditor (Financial)	QCBS	Prior	Procurement under process. # On 19 July 2021, 18 EOI's received & evaluated by the TEC on Sept 04-05, 2021. # The recommended report was sent to the Government for approval from the Project Steering Committee(PSC) constituted by the Government.	
14	PMC for Road Safety Activities to be implemented by UPPWD under UPCRNDP	QCBS	Prior	<ul style="list-style-type: none"> <li>• Procurement under process.</li> <li># On 12 July 2021, 10 EOI received &amp; evaluated by the TEC on Sept 04-05, 2021.</li> <li># The recommended report was sent to the Government for approval from the Project Steering Committee(PSC) constituted by the Government.</li> </ul>	
15	Consultancy Services for Road Asset Management System support to the UPPWD under Uttar Pradesh Core Road Network Development Program (UPCRNDP) (Individual)	QCBS	Post	<ul style="list-style-type: none"> <li>• Procurement under process.</li> <li># On 12 July 2021, No EOI received for (Individual Consultant)</li> <li># Thereafter CVs of 3 individual consultants were submitted by the World Bank, which were evaluated by the TEC on Sept 04-05, 2021.</li> <li># None of the individual consultants were found suitable as per the prescribed qualification.</li> <li># Informing the World Bank about this situation via Email.</li> <li># As suggested by the world bank team, the TEC re-evaluated the received CV's with bit relaxation in the criteria as per mutual discussion of committee members.</li> </ul>	

16	External Evaluation Consultant for RAP implementation	QCBS	Post	The approval on TOR from world bank has been received on 13.09.2021. The Process of inviting EOI for this is in progress.
17	Mid-Term Evaluation/ End-Term Evaluation of Road User Satisfaction Surveys.	QCBS		The draft TOR send to Bank for Approval.

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

SL No.	Description	Methods of Selection	Review Type	Present Status	Name of Consultant / Firm
1	Up gradation & Maintenance of Rath-Garautha Section of SH-42 (Missing Link)	NCB		Submitted to Govt. for administrative approval and financial sanction.	M/s EGIS India Consulting Engineers Pvt. Ltd. preparing DPR
2	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bansi-Mehandawal-Khalilabad Road (SH-88)	NCB		Submitted to Govt. for administrative approval and financial sanction	
3	Engineering Procurement and Construction Contract [EPCC] for Up gradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	ICB		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.**

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

### Financial Expenditure of PMC Services up to October -2021

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

SI No.	Description	Contract Amount (INR)	Amt as per Variation (VO-1) (INR)	Cumulative up to Current Invoice (INR)	Balance (INR) w.r.t. VO-1
1	Remuneration for Key Professionals	82,286,700	90,354,046	50,316,811	40,037,235
2	Remuneration for Non- Key Professionals	187,938,800	147,453,510	75,459,255	71,994,255
3	Reimbursable Expenses	44,607,516	48,363,117	26,069,755	22,293,362
<b>Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>151,845,821</b>	<b>134,324,852</b>
4	Escalation			33,990,724	
<b>Grand Total</b>		<b>314,833,016</b>	<b>286,170,673</b>	<b>185,836,545</b>	

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

SI No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	52,034,400	43,239,000	12,892,696	30,346,304
2	Reimbursable Expenses	18,552,152	30,896,321	19,220,144	11,676,177
<b>Total</b>		<b>70,586,552</b>	<b>74,135,321</b>	<b>32,112,840</b>	<b>42,022,481</b>
3	Escalation			3,819,636	
<b>Grand Total</b>		<b>70,586,552</b>	<b>74,135,321</b>	<b>35,932,476</b>	

**PART – B:**

**CONSTRUCTION SUPERVISION OF CIVIL WORKS**

**PHOTOGRAPHS**



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



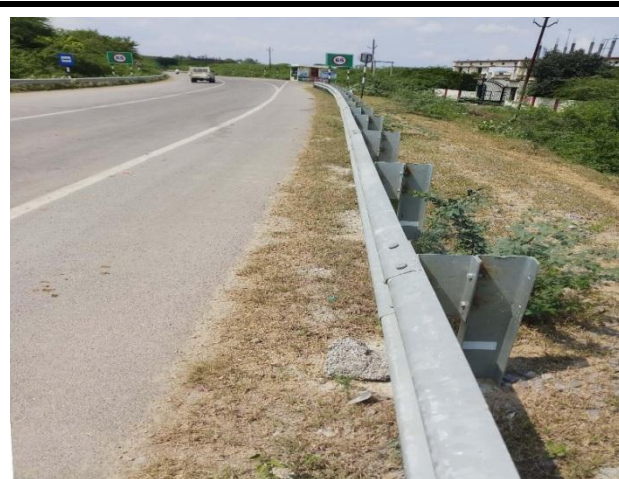
Ch. 125+400 (LHS) – Hazard Marker Replaced.



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



Ch.133+800 (LHS) - Bushes Clearance.



Ch.132+200 (RHS) – Jungle Clearance.



Ch 125+871-MBCB with Safety Sign Boards



Ch. 159+300 (RHS) - MBCB Re-Installed



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



Site Inspection of TL and DTL on 13.10.2021



Ch. 59+200 (BS) – Sign Board Installed



Ch. 27+700 (LHS) – Chevrons Installed



Rumble Stripes laid before Table Top



Ch. 21+200 (LHS)-Shoulder Repairing Work in Progress



Ch. 68+700 (LHS) – Structure Approach Repaired



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



Ch. 22+500 - Road Marking Completed



Ch. 21+400 – Road Marking and Metal Beam Crash Barrier Work Completed.



Minor Bridge at Ch. 49+426 - Widening Completed



Tree-Guards fixed after Tree Plantation



Minor Bridge at Ch. 46+987 - Composite Steel Girder Launched



Site Inspection by TL and DTL



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



Ch. 74+300 - Road Marking is in Progress



Ch. 129+200 - Chevron Boards Installed.



Ch. 102+200 (LHS) – Tool Box Meeting



Ch. 62+500 – Speed Limit Sign Board Installed.



Ch. 60+100 - Cautionary/ Warning Sign Board Installed



Tree Guard

**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 OCTOBER 2021

Sr.No.	Letter Date	Letter Reference No.	To	Subject	Incoming Letter Reference
1	01.10.2021	Egis India/LKO/UPCRNDP/2021/1453	CE,PWD,Lucknow	Unauthorized Works by External Agencies within ROW of Recently Completed SH 42 Section Garautha-Chirgaon Project Highway Causing Damage and Creating Hazards for Road Users	NKC letter No. 141 Dated 29.09.2021, 130 dated 15.09.2021 and 128 Dated 09.09.2021
2	01.10.2021	Egis India/LKO/UPCRNDP/2021/1554	CE,PWD,Lucknow	Request for Final Approval of Sub-Professional Staff for Part-B Services	
3	04.10.2021	Egis India/LKO/UPCRNDP/2021/1455	CE,PWD,Lucknow	Mobilization of Assistant Surveyor Mr. Gopal Krishna Biswas from 04.10.2021 (Transferred from UPG-01 to UPG-04)	
4	04.10.2021	Egis India/LKO/UPCRNDP/2021/1456	GHV	Inspection Notes of Joint Site Visit UPPWD/Egis India and GHV India Pvt. Ltd. On 27.09.2021	
5	04.10.2021	Egis India/LKO/UPCRNDP/2021/1457	NKC	Inspection Notes of Joint Site Visit UPPWD/Egis India and NKC Projects Pvt. Ltd. on 28.09.2021	
6	04.10.2021	Egis India/LKO/UPCRNDP/2021/1458	GHV	Draft Copy of As-Built Drawings Submitted - Review with Comments to be Incorporated in the Drawings	GHV letter No. 868 Dated 07.09.2021
7	06.10.2021	Egis India/LKO/UPCRNDP/2021/1459	CE,PWD,Lucknow	Element of Risk is Very High for NOT Completing the Works with the IEOT granted as per Contract Schedule	
8	09.10.2021	Egis India/LKO/UPCRNDP/2021/1460	CE,PWD,Lucknow	Site Visit Schedule of Team Leader and Experts for October 2021	
9	09.10.2021	Egis India/LKO/UPCRNDP/2021/1461	CE,PWD,Lucknow	Project Management Services (Part-C) – Assessment of Project Development Objectives (Determination of Reduction in Average Travel Time for the Project)	
10	11.10.2021	Egis India/LKO/UPCRNDP/2021/1462	CE,PWD,Lucknow	Reimbursement of GST against Invoice claimed for the month of July 2021 against Part-B & C of UPCRNDP (INR Components)	
11	11.10.2021	Egis India/LKO/UPCRNDP/2021/1463	CE,PWD,Lucknow	Submission of Revised Cost Estimate of 17 Nos. Rehabilitation of Common Property Resources CPRs Structures & 3 Nos. Environmental Enhancement for Approval as per the Article-09 of Contract Agreement	

12	11.10.2021	Egis India/LKO/UPCRNDP/2021/1464	APCO	Site Inspection Report of Sr. Bridge Engineer from 22.09.2021 to 25.09.2021/2021 & 27.09.2021 to 01.10.2021	
13	11.10.2021	Egis India/LKO/UPCRNDP/2021/1465	APCO	Site Visit Program of Sr. Bridge Engineer from 12.10.2021 to 14.10.2021	
14	11.10.2021	Egis India/HO/UPCRNDP/UPG-03/74808/2021	APCO	Regarding Submission of Comprehensive Application for Interim Extension of Time (IEOT-2) due to Various Delays Not Attributable to the Contractor from Appointment Date Till 31st July 2021	
15	12.10.2021	E-mail	CE,PWD,Lucknow	World Bank comments on Alignment Improvement of Approaches to Bridges on Bahraich-Gonda-Faizabad Road (SH- 30) and Bansi-Mehndawal Khalilabad Road (SH-88)	
16	12.10.2021	Egis India/LKO/UPCRNDP/2021/1466	CE,PWD,Lucknow	Mobilization of Computer Operator Mr. Gyan Singh from 11.10.2021 (against Mr. Sachin Kumar left office on 17.09.2021)	
17	13.10.2021	Egis India/LKO/UPCRNDP/2021/1467	CE,PWD,Lucknow	Revised Social Management Plan of Bahraich-Gonda-Faizabad Road (SH- 30) and Bansi-Mehndawal Khalilabad Road (SH-88)	
18	14.10.2021	Egis India/LKO/UPCRNDP/2021/1468	CE,PWD,Lucknow	Submission of USD Component Invoice No.85 for the month of September 2021	
19	16.10.2021	Egis India/LKO/UPCRNDP/2021/1469	CE,PWD,Lucknow	Revised Social Management Plan of Rath-Garautha (Missing Link) Road (SH- 42)	
20	18.10.2021	Egis India/LKO/UPCRNDP/2021/1470	GHV	Site Inspection Dated 12.10.2021 and 13.10.2021 by Team Leader and Deputy Team Leader with Resident Engineer & Contractor GHV Staff	
21	18.10.2021	Egis India/LKO/UPCRNDP/2021/1471	APCO	Regarding Notification of Change of Scope (COS) for Diversion required for Steel Girder Launching at Minor Bridges at Ch.43+680 and Ch.46+987	
22	18.10.2021	Egis India/LKO/UPCRNDP/2021/1472	CE,PWD,Lucknow	Mobilization of Dr. Sudesh Kaul, Social Development Specialist for Part-C Services from 18 and 19 Oct 2021 to attend Workshop on Gender Assessment Plan	



23	22.10.2021	Egis India/LKO/UPCRNDP/2021/1473	NKC	Site Inspection Report Dated 12.10.2021 by Team Leader and Deputy Team Leader with Resident Engineer & Contractor's NKC Staff	
24	22.10.2021	Egis India/LKO/UPCRNDP/2021/1474	CE,PWD,Lucknow	Submission of Part-B and Part-C INR Component Invoice No.89 for the month of September 2021	
25	23.10.2021	Egis India/LKO/UPCRNDP/2021/1475	CE,PWD,Lucknow	Hard Copy of Revised Social Management Plan of Garh - Siyana- Bulandshahar Road (SH-65)	
26	23.10.2021	Egis India/LKO/UPCRNDP/2021/1476	APCO	Site Inspection Dated 19.10.2021 by Team Leader and Deputy Team Leader with Resident Engineer & Contractor's Project Manager	
27	25.10.2021	Egis India/LKO/UPCRNDP/2021/1477	APCO	Regarding Resubmission with Compliance of Profile and Credential Supplier for Safety & Road Furniture Products like Road Studs (Dark Eye) Only (M/s Riddhi Enterprises, Hari Nagar, New Delhi) - Concurred with Comments	APCO letter No. 620 Dated 22.10.2021
28	25.10.2021	Egis India/LKO/UPCRNDP/2021/1478	GAWAR	Site Inspection Dated 20.10.2021 by Team Leader and Deputy Team Leader with Resident Engineer & Contractor's Project Manager	
29	26.10.2021	Egis India/LKO/UPCRNDP/2021/1479	CE,PWD,Lucknow	Request to Release Outstanding Payment	
30	26.10.2021	Egis India/LKO/UPCRNDP/2021/1480	APCO	Site Visit Program of Sr. Bridge Engineer from 27.10.2021 to 30.10.2021.	
31	26.10.2021	Egis India/LKO/UPCRNDP/2021/1481	CE,PWD,Lucknow	Social Management Plan along with Land Acquisition Plan of Bahraich-Gonda-Faizabad Road (SH-30), Bansi-Mehndawal Khalilabad Road (SH-88) and Rath-Garautha (Missing Link) Road (SH- 42)	
32	26.10.2021	Egis India/LKO/UPCRNDP/2021/1482	APCO	Design Review of Seismic Restrainer and Pedestal for Minor Bridge at Ch. Km. 12+754	APCO letter No. 9166 Dated 19.10.2021
33	26.10.2021	Egis India/LKO/UPCRNDP/2021/1483	APCO	Minutes of Meeting (MOM) Dated 25.10.2021 - Regarding Approval of Revised Bearing Layout Plan of Major Bridge at Ch. Km. 25+613	
34	27.10.2021	Egis India/LKO/UPCRNDP/2021/1484	EE,PWD,Kanpur/Sitapur/Lucknow	Submission of Land Acquisition Plan and Schedule of Bahraich-Gonda-Faizabad Road (SH-30), Bansi-Mehndawal Khalilabad Road (SH-88) and Rath-Garautha (Missing Link) Road (SH- 42)	
35	27.10.2021	Egis India/LKO/UPCRNDP/2021/1485	APCO	Regarding Submission of Revised Design & Drawing of Cantilever Gantry	APCO letter No. 623 Dated 25.10.2021
36	28.10.2021	Egis India/HO/UPCRNDP/75619/2021	CE,PWD,Lucknow	Request to Release Performance Bank Guarantee	GHV letter No. 901 Dated 22.10.2021

37	28.10.2021	Egis India/LKO/UPCRNDP/2021/1486	CE,PWD,Lucknow	Consolidated Monthly Progress Report (CMPR) No. 27 for the month of September 2021	
38	28.10.2021	Egis India/LKO/UPCRNDP/2021/1487	CE,PWD,Lucknow	Mobilization of Assistant Social Development Specialist Mr. Bikram Singh, for Part-B Services for two days on 28.08.2021 and 29.09.2021 for updation of PMIS Data.	
39	29.10.2021	Egis India/LKO/UPCRNDP/2021/1488	NKC	Rectification Work Not Done as per Timelines Specified in O&M Manual	
40	30.10.2021	Egis India/LKO/UPCRNDP/2021/1489	CE,PWD,Lucknow	Compliance's of Provisions of ESMP & Environmental Clauses under the Contractor's Civil Contract Agreements	PWD letter No. 2215 Dated 07.10.2021, 1970 Dated 06.09.2021 and 1778 Dated 06.08.2021
41	30.10.2021	Egis India/LKO/UPCRNDP/2021/1490	APCO	Malfunctioning of Cranes during launching of Girders	

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

Sl. No.	Letter Date	Letter Reference No.	From	Subject	OutGoing Letter Reference
1	01.10.2021	APCO/WB-UPPWD/EGIS/ST/596	APCO	Regarding Submission of Revised Estimate of Common Property Resources (CPRs).	
2	01.10.2021	1451 (i)/800-23/UPCRNDP/WBYC/2020	SE,UPPWD,Lucknow	Minutes of Site Visit Carried out by the SE,PWD, Lucknow Dated 22.09.2021	
3	01.10.2021	1 SE Camp/P.D./2021-22	PD,UPPWD, Lucknow	Minutes of Site Visit Carried out by the PD,UPPWD, Lucknow Dated 27.09.2021	
4	01.10.2021	2 SECAMP/PD/2021-22	PD,UPPWD, Lucknow	Minutes of Site Visit Carried out by the PD,UPPWD, Lucknow Dated 28.09.2021	
5	01.10.2021	GCL/CAMP/SH-51/BBB/2021/734	GAWAR	Compliance report on Standard Operating Procedure (SOP) Corona Virus Disease-2019 (Covid-19) for the month of Sep-2021	
6	04.10.2021	APCO/WB-UPPWD/EGIS/ST/601	APCO	Safety and Risk Management System for girder launching	
7	05.10.2021	2184/Training/Workshop/CEEAP /2021	CE,UPPWD,Lucknow	Workshop regarding Gender Assessment Action Plan Proposed under the Chairmanship of Principal Secretary on 18.10.2021 at 5:00PM (By ECORYS India Pvt. Ltd. at Fairfield Marriott Hotel India Pvt. Ltd. Opp. Indira Gandhi Prathisthan Gate No. 02 Vibhuti Khand, Gomtinagar, Lucknow)	
8	06.10.2021	2206/1-01/UPCRNDP/CEEAP/2021	CE,UPPWD,Lucknow	Regarding Review of Projects with respect to Maintenance Status and Completion of Remaining Works (Meeting on 23.10.2021 at 11:00AM)	
9	07.10.2021	2215 EAP/1-12/UPCRNDP/CEEAP/2021	CE,UPPWD,Lucknow	Non compliance's of provision of ESMP & Environmental clauses under the Contract Agreement	
10	08.10.2021	804/8C-WBPC/2021	SE,PWD,Kanpur	Progress Review Meeting of Hamirpur-Rath, Garautha-Chirgaon and Rath-Garautha (Missing Link) on Dated 12.10.2021 in between 1:00 to 3:00PM at SE,office, Kanpur	
11	09.10.2021	APCO/WB-UPPWD/EGIS/ST/606	APCO	Regarding Compliance report on meeting held under the chairmanship of Team Leader (EGIS India)	

12	09.10.2021	2229 Meeting/CEEAP/2021	PD,UPPWD, Lucknow	Minutes of Meeting (MoM) Dated 08.10.2021 - Regarding the Compliances of RSA Comments on EIAs/RAPs and Status of Clearances required for Phase-II Roads under the Chairmanship of Chief Engineer (EAP), UPPWD	
13	12.10.2021	812/8C-WBPCK/21	SE,PWD,Kanpur	Progress Review Meeting of Rath-Garautha (Missing Link) on Dated 18.10.2021 12:30PM at SE,office, Kanpur	
14	12.10.2021	2248/meetings/CEEAP/2021	PD,UPPWD, Lucknow	Minutes of Meeting (MoM) Dated 11.10.2021	
15	14.10.2021	APCO/WB-UPPWD/EGIS/ST/613	APCO	For notification of Change of Scope ( COS ) for construction of diversion required for steel girder launching at minor bridges 43+680 and 46+987.	
16	22.10.2021	GHV/Site/SH-42/Rath/901	GHV	Release of Performance Bank Guarantee	
17	23.10.2021	2335 EAP/Meetings/CEEAP/2021	PD,PWD,LUCKNOW	Minutes of Meeting (MoM) Dated 23.10.2021 regarding the Compliances of RSA Comments on EIAs/RAPs and Status of Clearance's required for Phase-II Roads under the Chairmanship of Chief Engineer,UPPWD	recd from DTL on Whatsup
18	27.10.2021	NKC/Site/GC/2021-22/193	NKC	Extension of Bank Guarantee of 2nd Half of the Retntion Money	
19	28.10.2021	603/A-6	EE,PWD,Kanpur	Regarding Submission of Land Acquisition Plan and Schedule of Rath-Garautha (Missing Link)- for Signataure on the Documents	
20	28.10.2021	2369 Meeting/CEEAP/2021	PD,UPPWD, Lucknow	Minutes of Meeting (MoM) Dated 23.10.2021 regarding Progress Review Meeting of Phase-I Civil Works and Target Dates of Phase-II DPR Works	
21	28.10.2021	NKC/HO/GC/2021-22/196	NKC	Compliances of Inspection Notes of Joint Site Visit UPPWD/Egis India and NK Projects Pvt. Ltd. On 28.09.2021	
22	28.10.2021	APCO/WB-UPPWD/EGIS/ST/626	APCO	Regarding Release of Performance Security in Accordance with the letter of the Chied Engineer (HQ-2) No. 3951 M.T./Samany Varg/60 M.T./2020 Dated 13.04.2021	
23	28.10.2021	852/1C (i)-WBPCK/2021	SE,PWD,Kanpur	Detailed Project Report (DPR) for Phase-II Roads -for Signataure on the Documents	
24	30.10.2021	APCO/WB-UPPWD/EGIS/ST/628	APCO	Regarding Release of Performance Security in Accordance with the letter of the Chied Engineer (HQ-2) No. 3951 M.T./Samany Varg/60 M.T./2020 Dated 13.04.2021	
25	30.10.2021	610/A-5/2021	EE,PWD,Kanpur	Regarding Damage of Garautha-Chirgaon Road from Ch 118.600 to Ch Km 167.745 by jal Nigam Jhansi (hindi letter)	

<b>26</b>	30.10.2021	611/A-6/2021	EE,PWD,Kanpur	Regarding Purchase of land on mututal agreement and direct negotiation with the villagers for widening and strengthening of Proposed Rath-Garautha (Missing Link) Road (hindi letter)	
<b>27</b>	30.10.2021	612/A-6/2021	EE,PWD,Kanpur	Regarding Purchase of land on mututal agreement and direct negotiation with the villagers for widening and strengthening of Proposed Rath-Garautha (Missing Link) Road (hindi letter)	

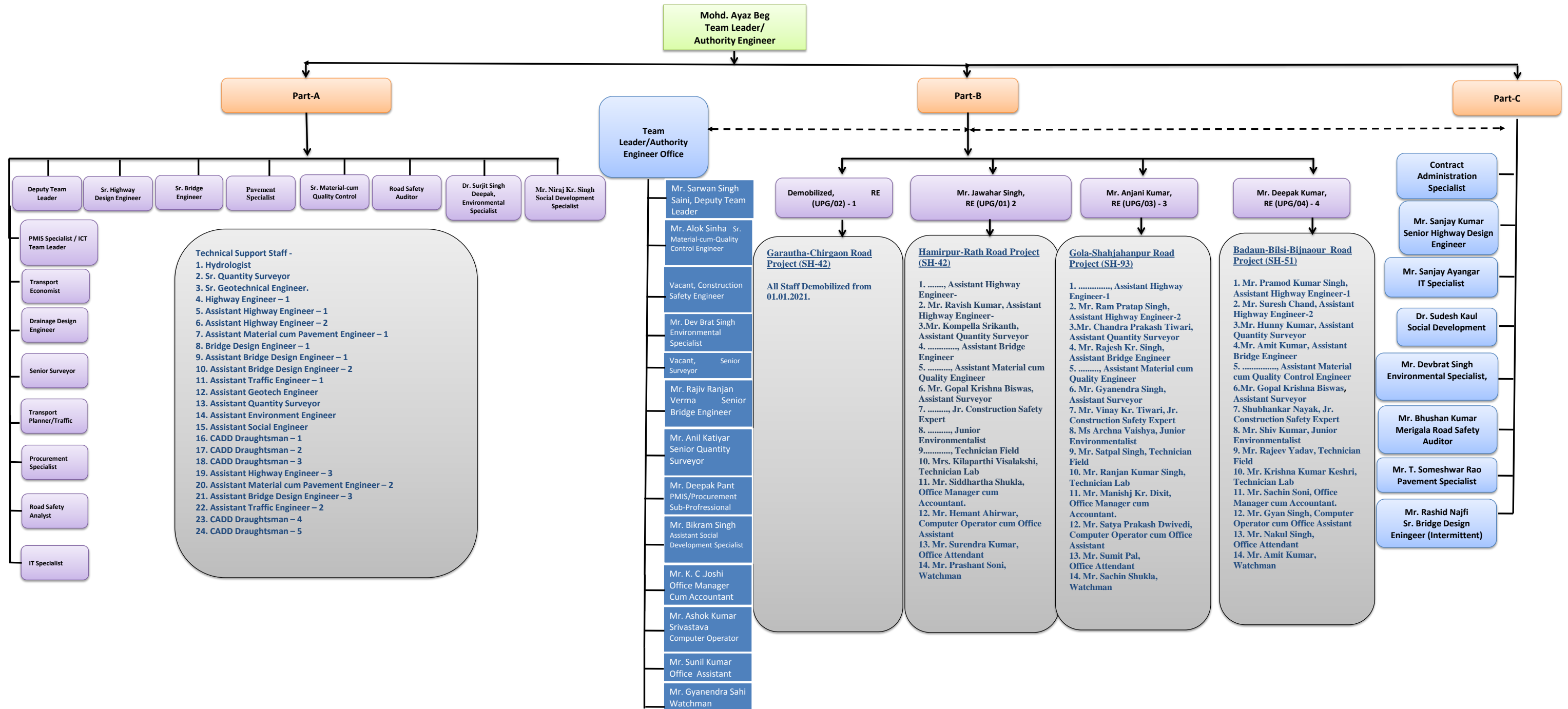
**Enclosure-2**

# **PMC Organization Chart**



## 1.13 Consultant's Organization Chart

MONTH - OCTOBER 2021



**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 : 10/31/2021			
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 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 : 10/31/2021				
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	Completed			IP						RCC Girder casted - 12 Nos.
				P1	4	4	Comleted			IP						
				P2	4	4	Comleted			IP						
				A2	10	10	Completed									
2	43+680	43+685	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed				IP				One Initial Pile Load Test Balance , 4 Nos. Composite Girder Launched	
				A2	8	8	Completed									
3	46+987	46+989	Composite Girder with Pile Foundation (45mx1=45 m)	A1	8	8	Completed				IP				4 Nos. Composite Girder Launched	
				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		

\*\* 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 :			10/31/2021		
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						Com	IP						COS		
2	CUP	13+650	1x7m	Completed						IP	Com							COS	
3	CUP	15+205	1x7m	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 : 10/31/2021		
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 Apron	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 :					10/31/2021	
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 : 10/31/2021			
SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	Excavation	PCC	Raft	Side Wall	Slab	Crash Barrier	Wing Wall	Curtain Wall/ Return Wall	Rigid Apron	Flexible Apron	Remarks
1	1+400	1+399	1x8.8m	Completed										
2	7+160	7+162	2x6.3m+1x6.6 m =19.20m	Completed					IP	Completed		IP		
3	49+409	49+426	1x7.2m+1x7.6m+1x6.1m =20.90 m	Completed										

**\*\* 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 : Box / Slab Culverts (Widening & Repairing) Progress Upto : 10/31/2021**

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	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 : 10/31/2021**

Sr. No.	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRANGEMENT	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 Wthout Encasing		Pipe Laying	Quadrant Pitching	Flexible Apron	Remarks	
				Excav-ation	PCC	Ist Lift	2nd Lift	Final Lift	Exca-vation	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 : 10/31/2021**

SN	CA Design Chainage	Actual Chainage As Per Site	SPAN ARRAN-GEMENT	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 ARRAN-GEMENT	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**

**10/31/2021**

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					Completd	Completd					Pile Foundation Bridge In CA Is Converted Into Box Type Brige
				P1												
				P2												
				P3												
				A2												
2	130+021		Box Type Bridge (2x8.5 m ) =17 m)	A1	Completed					Completd	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>10/31/2021</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 :**

**10/31/2021**

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	Completed In September ,2021						IP	IP				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 : 10/31/2021**

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 :**

**10/31/2021**

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**

**10/31/2021**

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			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**

**10/31/2021**

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
*	90+485		1x3.0m						Deleted						Box Culvert

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

SN	CA Design Chainage	Actual Chainage As Per Site	Size Of Culvert	Head Wall					Pipe Wthout 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

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	10/31/2021
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	Paraprt Replacement with Crash Barrier	Slab Culvert

Minor Bridges = 1 Nos

Culverts = 3 Nos

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