

National Highways & Infrastructure Development Corporation Limited

Dated: 09.10.2020

CORRIGENDUM-V

RFP for “Widening/Improvement to 4 (Four) Lane with Paved Shoulder from Ch. 52.470 km to Ch.71.500 km (Design Ch.48.655 km to Ch.67.556 km) of Tulungia- Jogighopa Bridge Approach Section (Package-5) of Bilasipura- Guwahati road (NH-17) in the state of Assam under Bharatmala Pariyojana on EPC mode”.

CPP Tender ID: 2020_NHIDC_559829_1

S.N.	Ref. RFP Section	CI No.	Existing Provision	Revised/Amended Provision
1	NIT		Estimated Cost exclusive of GST (Rs. In Crore): Rs. 422.53 Cr.	Estimated Cost exclusive of GST (Rs. In Crore): Rs. 431.83 Cr.
2	NIT		The complete BID document can be viewed / downloaded from official portal of the CPPP website https://eprocure.gov.in/eprocure/app from 18.05.2020 to 14.10.2020 (upto 1100 hrs IST). Bidder must submit its Financial bid and Technical Bid at https://eprocure.gov.in/eprocure/app on or before 14.10.2020 (up to 1500 hrs IST). Bids received online shall be opened on 15.10.2020 (at 1530 hrs IST).	The complete BID document can be viewed / downloaded from official portal of the CPPP website https://eprocure.gov.in/eprocure/app from 18.05.2020 to 28.10.2020 (upto 1100 hrs IST). Bidder must submit its Financial bid and Technical Bid at https://eprocure.gov.in/eprocure/app on or before 28.10.2020 (up to 1500 hrs IST). Bids online shall be opened on 29.10.2020 (at 1530 hrs IST).
3	Section 1	Cl. 1.1.1	Estimated Cost exclusive of GST (Rs. In Crore): Rs. 422.53 Cr.	Estimated Cost exclusive of GST (Rs. In Crore): Rs. 431.83 Cr.
4	Section 7	Cl. 4	Threshold Technical Capacity (Refer Clause 2.2.2.2(i)) : Rs 633.79 Crore	Threshold Technical Capacity (Refer Clause 2.2.2.2(ii)) : Rs 650.75 Crore
5	Section 7	Cl. 5	Data/Details for similar work (Technical Capacity) (Refer Clause No. 2.2.2.2: RS. 63.38 Cr	Data/Details for similar work (Technical Capacity) (Refer Clause No. 2.2.2.2: RS. 64.77 Cr
6	Section 7	Cl. 5.1 a.	Estimated Project Cost (Excl. GST) : 422.53 Cr	Estimated Project Cost (Excl. GST) : 431.83 Cr
7	Section 7	Data Sheet Caluse-1	Bid Due Date: 16.07.2020 Physical Submission of Bid Documents/PoA etc : 17.07.2020 (upto 11:00 hrs) Opening of Technical Bids at venue 2.11.4 (i): 17.07.2020	Bid Due Date: 28.10.2020 Physical Submission of Bid Documents/PoA etc : 28.10.2020 (upto 11:00 hrs) Opening of Technical Bids at venue 2.11.4 (i): 29.10.2020

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision					
8	Schedule-A	2	Right of Way				Right of Way					
			SL No.	Chainage (KM)		Right of Way (m)	SL No.	Existing Chainage (KM) (As per Survey, Starting Chainage of Bilasipura KM 0.000)		Design Chainage (KM)		Existing Right of Way (m)
				From	To			From	To	From	To	
			1	52.470	52.500	58.3	1	52.470	52.500	48.655	48.688	57.8
			2	52.500	52.750	56.1	2	52.500	52.750	48.688	48.938	52.5
			3	52.750	53.000	49.3	3	52.750	53.000	48.938	49.188	42.8
			4	53.000	53.250	39	4	53.000	53.250	49.188	49.438	18.4
			5	53.250	53.500	28.6	5	53.250	53.500	49.438	49.698	11.5
			6	53.500	53.750	13.5	6	53.500	53.750	49.698	49.938	12.2
			7	53.750	54.000	19	7	53.750	54.000	Realignment		10.2
			8	54.000	54.250	10.9	8	54.000	54.250	50.150	50.302	15.1
			9	54.250	54.500	11.7	9	54.250	54.500	50.302	50.552	13.1
			10	54.500	54.750	16.6	10	54.500	54.750	50.552	50.802	16.6
			11	54.750	55.000	15.5	11	54.750	55.000	50.802	51.052	15.2
			12	55.000	55.250	16.7	12	55.000	55.250	51.052	51.302	16.7
			13	55.250	55.500	16.9	13	55.250	55.500	51.302	51.552	16.6
			14	55.500	55.750	18.3	14	55.500	55.750	51.552	51.802	18.3
			15	55.750	56.000	22.5	15	55.750	56.000	51.802	52.052	17.9
			16	56.000	56.250	31.8	16	56.000	56.250	52.052	52.302	31.0
			17	56.250	56.500	32.6	17	56.250	56.500	52.302	52.552	34.2
			18	56.500	56.750	30.4	18	56.500	56.750	52.552	52.802	30.4
			19	56.750	57.000	68.8	19	56.750	57.000	52.802	53.052	62.1
			20	57.000	57.250	26.5	20	57.000	57.250	53.052	53.300	27.4
			21	57.250	57.500	22	21	57.250	57.500	53.300	53.550	24.7
			22	57.500	57.750	46	22	57.500	57.750	53.550	53.801	48.2
			23	57.750	58.000	68.9						
			24	58.000	58.250	48.9						
			25	58.250	58.500	29.1						

6

SI no	Ref. RFP Section	CI no	Existing RFP Provision			Revised/ Amended Provision						
			26	58.500	58.750	26.1	23	57.750	58.000	53.801	54.057	97.3
			27	58.750	59.000	33.7	24	58.000	58.250	54.057	54.317	53.1
			28	59.000	59.250	16.5	25	58.250	58.500	54.317	54.567	33.6
			29	59.250	59.500	20.6	26	58.500	58.750	54.567	54.817	23.1
			30	59.500	59.750	22.8	27	58.750	59.000	54.817	55.068	30.6
			31	59.750	60.000	49	28	59.000	59.250	55.068	55.320	19.1
			32	60.000	60.250	35	29	59.250	59.500	55.320	55.570	20.6
			33	60.250	60.500	68.3	30	59.500	59.750	55.570	55.820	25.6
			34	60.500	60.750	36.4	31	59.750	60.000	55.820	56.070	41.1
			35	60.750	61.000	13.8	32	60.000	60.250	56.070	56.320	53.5
			36	61.000	61.250	20.8	33	60.250	60.500	56.320	56.570	55.5
			37	61.250	61.500	13	34	60.500	60.750	56.570	56.820	34.5
			38	61.500	61.750	15.8	35	60.750	61.000	56.820	57.070	41.2
			39	61.750	62.000	8.8	36	61.000	61.250	57.070	57.319	34.7
			40	62.000	62.250	29.1	37	61.250	61.500	57.319	57.569	33.5
			41	62.250	62.500	30.4	38	61.500	61.750	57.569	57.819	33.7
			42	62.500	62.750	37.3	39	61.750	62.000	57.819	58.069	32.3
			43	62.750	63.000	43.5	40	62.000	62.250	58.069	58.319	41.5
			44	63.000	63.250	41.9	41	62.250	62.500	58.319	58.569	43.0
			45	63.250	63.500	45.5	42	62.500	62.750	58.569	58.819	56.2
			46	63.500	63.750	40	43	62.750	63.000	58.819	59.069	49.0
			47	63.750	64.000	40.8	44	63.000	63.250	59.069	59.319	45.0
			48	64.000	64.250	38	45	63.250	63.500	59.319	59.569	30.1
			49	64.250	64.500	42	46	63.500	63.750	59.569	59.819	28.2
			50	64.500	64.750	45	47	63.750	64.000	Chalantapara Bypass (4-Lane Green Field Alignment)		Chalantapara Bypass (4-Lane
			51	64.750	65.000	28	48	64.000	64.250			
			52	65.000	65.250	48	49	64.250	64.500			
			53	65.250	65.500	61						

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision				
			54	65.500	65.750	58	50	64.500	64.750		Green Field Alignment)
			55	65.750	66.000	16	51	64.750	65.000		
			56	66.000	66.250	18	52	65.000	65.250		
			57	66.250	66.500	12	53	65.250	65.500		
			58	66.500	66.750	13	54	65.500	65.750		
			59	66.750	67.000	12	55	65.750	66.000		
			60	67.000	67.250	13	56	66.000	66.250		
			61	67.250	67.500	19	57	66.250	66.500		
			62	67.500	67.750	14	58	66.500	66.750		
			63	67.750	68.000	19	59	66.750	67.000		
			64	68.000	68.250	42	60	67.000	67.250		
			65	68.250	68.500	41	61	67.250	67.500		
			66	68.500	68.750	57	62	67.500	67.750		
			67	68.750	69.000	33	63	67.750	68.000		
			68	69.000	69.250	21	64	68.000	68.250		
			69	69.250	69.500	14	65	68.250	68.500		
			70	69.500	69.750	12	66	68.500	68.750		
			71	69.750	70.000	18	67	68.750	69.000		
			72	70.000	70.250	19	68	69.000	69.250		
			73	70.250	70.500	20	69	69.250	69.500		
			74	70.500	70.750	14	70	69.500	69.750		
			75	70.750	71.000	22	71	69.750	70.000		
			76	71.000	71.250	17	72	70.000	70.250		
			77	71.250	71.500	23	73	70.250	70.500		
							74	70.500	70.750		
							75	70.750	71.000		
							76	71.000	71.250		
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9	Schedule-A	3	The present carriageway of the Project Highway consists two Lane with earthen shoulder configuration from Ex.Ch.52.470km to Ex.Ch.71.500km.The type of the existing pavement of the section is flexible.	The present carriageway of the Project Highway consists two Lane/two lane carriageway with paved shoulder, with earthen shoulder configuration from Ex.Ch.52.470km to Ex.Ch.71.500km.The type of the existing pavement of the section is flexible.																																																																																																
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12	Schedule-A	8	Railway level crossings	Railway level crossings																																																																																																

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			Sl. No.	Chainage (km)	Location	Remarks	Sl. No.	Existing Chainage (km)	Design Chainage (km)	Location	Remarks	
			1	54.114	Deohati	Section Name- Abhayapuri, Division Name- Rangiya	1	54.114	49.988	Deohati	Section Name- Abhayapuri, Division Name- Rangiya	
			2	65.133	Khoragaon	Section Name- Jogighopa, Division Name- Rangiya Name- Rangiya	2	65.133	Bypassed	Khoragaon	Section Name- Jogighopa, Division Name- Rangiya	
13	Schedule-A	15	Minor Junction				Minor Junction					
			No.	Location		Type		Sl. No.	Location		Type	
				From km	To km	T- Junction	Cross Road		Existing Ch.	Design Ch.	Type of Junction	Cross Road
			1	53.200		Y	Leads to Bolgola(LHS) , Salmara(RHS)	1	53.200	49.390	4-legged	Leads to Bolgola(LHS) , Salmara(RHS)
			2	53.663		Y	Leads to AbhayPuri	2	53.663	49.850	3-legged	Leads to AbhayPuri
			3	54.132		Y	Leads to AbhayPuri	3	54.132	50.200	3-legged	Leads to AbhayPuri
			4	54.600		Y	Leads to Tahabildarpara	4	54.600	50.650	3-legged	Leads to Tahabildarpara
			5	55.100		Y	Leads to Sarkarpara	5	55.100	51.145	3-legged	Leads to Sarkarpara
			6	55.148		Y	Leads to Deohati	6	55.148	51.200	3-legged	Leads to Deohati
			7	55.460		Y	Leads to Jamadarpara	7	55.460	51.500	3-legged	Leads to Jamadarpara
			8	56.000		Y	Leads to kalitapara	8	56.000	52.050	3-legged	Leads to kalitapara
			9	57.355		Y	Leads to Soutaki					
			10	58.657		Y	Leads to singimari					
			11	58.830		Y	Leads to singimari					

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			12	59.410		Y	Leads to singimari		9	57.355		53.410		3-legged	Leads to Soutaki
			13	61.630		Y	Leads to Kerakha bari (LHS),Nohagaon (RHS)		10	58.657		54.730		3-legged	Leads to singimari
			14	63.675		Y	Leads to Simlaguri		11	58.830		54.900		3-legged	Leads to singimari
									12	59.410		55.470		3-legged	Leads to singimari
									13	61.630		57.680		4-legged	Leads to Kerakha bari (LHS),Nohagaon (RHS)
									14	63.675		59.740		3-legged	Leads to Simlaguri
14	Schedule-A	16	Bypasses					Bypasses							
			S.No.	Name of bypass (town)	Chainage(km)		Length (in Km)	S.No.	Name of bypass (town)	Chainage(km)		Length (in Km)			
			1	Chalantapara	From (km)	to (km)	7.556	1	Chalantapara	From (km)	to (km)	7.756			
					60.000	67.556				59.800	67.556				
15	Schedule-A	Anne x-II/ 8.3 (i)	Sr. No.	From km To km	Length (Km)	Proposed ROW (m)	Date of providing ROW*	Sr. No.	From km To km	Length (Km)	Proposed ROW (m)	Date of providing ROW*			
			1	2	3	4	5	1	2	3	4	5			
			Full Right of Way (full width)	Excluding Bypass & Realignment, Bus bays, Truck Lay Bye	10.885	Rural Area :30m – 40m VUP Location :45m	At appointed date	Full Right of Way (full width)	Excluding Bypass & Realignment, Bus bays, Truck Lay Bye	10.104	Rural Area :30m – 40m VUP Location :45m	At appointed date			
			Balance Right of	Realignment	-	-	Within 90 days of declaration of appointed date								

SI no	Ref. RFP Section	CI no	Existing RFP Provision					Revised/ Amended Provision				
			Way (Width)	Bypass	7.556	45		Balance Right of Way (Width)	Realignment	-	-	Within 150 days of declaration of appointed date
				Bus bays	0.460	50		Bypass	4-Lane Portion=7.756 2-Lane portion=1.071	45m (4-lane portion) & 40-60m(2-lane portion)		
				Truck Lay Bye	-			Bus bays	0.460	50		
								Truck Lay Bye	-			
16	Schedule-B	2/(vi) / (a)	In VUP locations. Drain cum footpaths/fully paved shoulders shall be provided in the following stretches:					In VUP/ROB locations. Drain cum footpaths/fully paved shoulders shall be provided in the following stretches:				
			SI. No.	Stretch (from Km to Km)	Fully Paved shoulders/ footpaths	Reference to cross section	SI. No.	Stretch (from Km to Km)	Fully Paved shoulders/ footpaths	Reference to cross section		
			1	Km 49.470 to km 50.445	2 X 1.5 m Paved Shoulder/ 2 X 1.5m width Drain Cum Footpath	TCS-6A	1	Km 49.468 to km 50.443	2 X 1.5 m Paved Shoulder/ 2 X 1.5m width Drain Cum Footpath	TCS-6A		
			2	Km 67.220 to km 67.556	2 X 1.5 m Paved Shoulder/ 2 X 1.5m width Drain Cum Footpath		2	Km 67.218 to km 67.556	2 X 1.5 m Paved Shoulder/ 2 X 1.5m width Drain Cum Footpath			
17	Schedule-B	2/(vii) i)	Service roads shall be constructed at the locations and for the lengths indicated below: [Refer requirements specified in the relevant Manual]					Service roads shall be constructed at the locations and for the lengths indicated below: [Refer requirements specified in the relevant Manual]				
			SI. No.	Location of service road(from km to km)	Right hand side(RHS)/Left hand side(LHS)/or Both sides	Length (km)of service road						

le

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision				
			Sl. No.	Location of service road(from km to km)	Right hand side(RHS)/ Left hand side(LHS)/	Length (km)of service road					
			1	Km 49.470 to km 50.445	Both sides	975	1	Km 49.468 to km 50.443	Both sides	2x 0.975	
			2	Km 67.220 to km 67.556	Both sides	336	2	Km 67.218 to km 67.556	Both sides	2x 0.338	
			3	For Clover leaf	Single side	1025	3	For Clover leaf sections	Single side	1x1.025	
							" The length of service road indicated in this location is minimum"				
18	Schedule-B	2/(xi)	Typical cross-sections of the Project Highway				Typical cross-sections of the Project Highway				
			Sl. No.	Description		Length (m)	Sl. No.	Description		Length (m)	
			TCS-1A	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN RURAL AREA ECCENTRIC WIDENING AND OVERLAY OVER EXISTING PAVEMENT		2240	TCS-1A	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN RURAL AREA ECCENTRIC WIDENING AND OVERLAY OVER EXISTING PAVEMENT		2240	
			TCS-1B/1G/1H	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN RURAL AREA (RECONSTRUCTION OVER EXISTING PAVEMENT WITH PARTIAL GRANULAR LAYER SCARIFICATION))		7685	TCS-1B/1G/1H	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN RURAL AREA (RECONSTRUCTION OVER EXISTING PAVEMENT WITH PARTIAL GRANULAR LAYER SCARIFICATION))		7349	
			TCS-2	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN BYPASS STRETCH		6090	TCS-2	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN BYPASS STRETCH		6283	
			TCS-6A	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN VUP/ROB APPROACHES WITH BOTH SIDE SERVICE ROAD IN BUILT UP/ RURAL AREA FOLLOWS EXISTING 2-LANE ROAD (CONCENTRIC WIDENING))		1751	TCS-6A	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN VUP/ROB APPROACHES WITH BOTH SIDE SERVICE ROAD IN BUILT UP/ RURAL AREA FOLLOWS EXISTING 2-LANE ROAD (CONCENTRIC WIDENING))		1313	
			TCS-6B	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN VUP/ROB APPROACHES WITHOUT BOTH SIDE SERVICE ROAD IN BUILT UP/ RURAL AREA		1135	TCS-6B	TYPICAL CROSS SECTION OF 4 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN VUP/ROB APPROACHES WITHOUT BOTH SIDE SERVICE ROAD IN BUILT UP/ RURAL AREA FOLLOWS EXISTING 2-LANE ROAD (CONCENTRIC WIDENING))		1135	
							Total Length (4-Lane Portion)=				18320
			From Clover Leaf to Approaches of New Jogighopa Bridge, 2 lane Portion								

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SI no	Ref. RFP Section	CI no	Existing RFP Provision		Revised/ Amended Provision																																																																		
				FOLLOWS EXISTING 2-LANE ROAD (CONCENTRIC WIDENING)																																																																			
				Total Length (4-Lane Portion)=	18901																																																																		
			From Clover Leaf to Approaches of New Jogighopa Bridge, 2 lane Portion																																																																				
			TCS-7	TYPICAL CROSS SECTION OF 2 LANE DIVIDED CARRIAGEWAY WITH PAVED SHOULDER IN VUP/ROB APPROACHES WITHOUT BOTH SIDE SERVICE ROAD IN BUILT UP/ RURAL AREA FOLLOWS EXISTING 2-LANE ROAD (CONCENTRIC WIDENING))	438																																																																		
			TCS-8	TYPICAL CROSS SECTION OF 2 -LANE CARRIAGEWAY WITH PAVED SHOULDER IN HIGH EMBANKMENT BRIDGE APPROACH	633																																																																		
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The 0.581km length (From Km 48.655 to Km 49.236) of the road stretch under PKG-5 is already developed in Hapachara-Tulungia Road(NH-17).The Instant Development of 4-lane stretch under PKG-5 is 18.320km and 2-lane stretch is 1.071km

SI no	Ref. RFP Section	Cl no	Existing RFP Provision				Revised/ Amended Provision			
			58343	59993	1650	TCS 1B	Total Length (4-Lane Portion)=		18320	
			59993	64243	4250	TCS 2	From Clover Leaf to Approaches of New Jogighopa Bridge, 2 lane Portion			
			64243	65378	1135	TCS 6B	0	438	438	TCS 7
			65378	67218	1840	TCS 2	438	1071	633	TCS 8
			67218	67556	338	TCS 6A	Total Length=		1071	
			Total Length (4-Lane Portion)=		18901		<ul style="list-style-type: none"> Length of Approach Road at Proposed Low Height Sub Way Location (Near ROB ,Ch. 49.988km)=250m 			
			From Clover Leaf to Approaches of New Jogighopa Bridge, 2 lane Portion							
			0	438	438	TCS 7				
			438	1071	633	TCS 8				
			Total Length=		1071					
19	Schedule-B	5/(ii)	Type of pavement Flexible pavement shall be designed as per IRC: 37-2018(Fourth b Revision) and the details given below				Type of pavement Flexible pavement shall be designed as per IRC: 37-2018(Fourth b Revision) and the details given below			
			For Overlay BC-40mm DBM-50mm DBM (Profile Corrective Course)-50mm Total -140 mm		For New Construction/Widening /RE Wall portion BC -40 mm DBM -60 mm WMM – 100 mm CT Base-100 mm CT Sub-Base- 200 mm Total -500 mm		For Overlay BC-40mm DBM-50mm DBM (Profile Corrective Course)-50mm Total -140 mm		For New Construction/Widening/RE Wall portion BC -40 mm DBM -60 mm WMM – 100 mm CT Base-100 mm CT Sub-Base- 200 mm Total -500 mm	
			For Existing Reconstruction BC -40 mm DBM -60 mm RAP-110 mm GSB-300mm		For Existing Reconstruction BC -40 mm DBM -100 mm WMM I – 125 mm WMM II – 125 mm		For Existing Reconstruction BC -40 mm DBM -100 mm RAP-110 mm GSB-300mm Total -510 mm		For Existing Reconstruction BC -40 mm DBM -100 mm WMM I – 125 mm WMM II – 125 mm GSB- 200 mm	

SI no	Ref. RFP Section	CI no	Existing RFP Provision		Revised/ Amended Provision																																																																																			
			Total -510 mm	GSB- 200 mm Total - 590 mm		Total - 590 mm																																																																																		
					<ul style="list-style-type: none"> Thickness of Approach road of 250m length (5.5m Width) at Proposed Low Height Sub Way Location (Near ROB ,Ch. 49.988km) is given below: PQC=250mm DLC=150mm GSB=150mm Total=550mm Temporary Earthen Road for diversion purpose , of 125m length (5.0m Width, Thickness of Moorum=150mm) at Proposed Low Height Sub Way Location (Near ROB ,Ch. 49.988km) has been proposed. <p>* The above details are minimum stipulations to be followed</p>																																																																																			
20	Schedule-B	4/(i)	Minor Intersections		Minor Intersections																																																																																			
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			Sl. No.	Location of intersection (Km)	Type of intersection	Other features	Sl. No.	Location of intersection (Km)	Type of intersection	Other features			
			8	52.050	Y	Leads to kalitapara	7	51.500	3-legged	Leads to Jamadarpara			
			9	53.410	Y	Leads to Soutaki	8	52.050	3-legged	Leads to kalitapara			
			10	54.730	Y	Leads to singimari	9	53.410	3-legged	Leads to Soutaki			
			11	54.900	Y	Leads to singimari	10	54.730	3-legged	Leads to singimari			
			12	55.470	Y	Leads to singimari	11	54.900	3-legged	Leads to singimari			
			13	57.680	Y	Leads to Kerakha bari (LHS),Nohagaon (RHS)	12	55.470	3-legged	Leads to singimari			
			14	59.740	Y	Leads to Simlaguri	13	57.680	4-legged	Leads to Kerakha bari (LHS),Nohagaon (RHS)			
			15	62.880	Y	Leads to Balapara (LHS),Chalantapara (RHS)	14	59.740	3-legged	Leads to Simlaguri			
							15	62.880	4-legged	Leads to Balapara (LHS),Chalantapara (RHS)			
			*In case any other deficient junction with cross roads is identified during the Construction Period in addition to those mentioned above, shall be improved as per Manual and will not qualify for Change of Scope										
			21	Schedule-B	4/(i)	Major Intersections				Major Intersections			
						Sl. No.	Location of intersection (Km)	Type of intersection	Other features	Sl. No.	Location of intersection (Km)	Type of intersection	Other features
						1	Chalantapara (Ch.60.000km)	3-legged	Junction with NH-17	1	Chalantapara (Ch.59.850km)	3-legged	Junction with NH-17

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			Sl. No.	Bridge/Structure at km	Width of carriageway and cross-sectional features		Sl. No.	Bridge/Structure at km	Width of carriageway and cross-sectional features				
			1	49.236	Carriageway Width = 9.5 m		1	49.236	Carriageway Width = 9.5 m				
			2	51.819									
			3	54.332									
			4	56.461									
			5	56.985	Carriageway Width = 9.5 m		6	60.272					
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26	Schedule-B	7/(iii)/(a)	Existing bridges to be re-constructed/widened				Existing bridges to be re-constructed/widened						
			Sl. No.	Bridge location (km)	Salient details of existing bridge		Adequacy or otherwise of the existing waterway, vertical clearance etc.*	Remarks	Sl. No.	Bridge location (km)	Salient details of existing bridge		Adequacy or otherwise of the existing waterway, vertical clearance etc.*
1	49.236	RCC Box	Span Arrangement and Total Vent way (No. x Length) (m)		-	Follow Existing	1	49.236	RCC Box	3 x 8 x 4		-	Reconstruction of existing 2 lane bridge and new construction of additional 2 lane bridge(i.e 4-lane bridge of new construction)
2	56.985	Integral Voided	1x24		-		2	56.985	Integral Voided	1x24		-	Reconstruction of existing 2 lane

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33	Schedule-B	11(d)	Length of Chute Drain= 1365m	Minimum Length of Chute Drain= 951m																																																				
34	Schedule-B-1		<p>The shifting of utilities and felling of trees shall be carried out by the Contractor. The cost of the same shall be borne by the Authority. The details of utilities are as follows:</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Unit</th> <th>Nos.</th> </tr> </thead> <tbody> </tbody> </table>	S.No	Description	Unit	Nos.	<p>The shifting of utilities and felling of trees shall be carried out by the Contractor. The cost of the same shall be borne by the Authority. The details of utilities are as follows:</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Unit</th> <th>Nos.</th> </tr> </thead> <tbody> </tbody> </table>	S.No	Description	Unit	Nos.																																												
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SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision			
			1	Electric Post	Nos.	138	1	Electric Post	Nos.	138
			2	Lamp post	Nos.	1	2	Lamp post	Nos.	1
			3	11KV Post	Nos.	71	3	11KV Post	Nos.	72
			4	33KV Post	Nos.	13	4	33KV Post	Nos.	6
			5	220V	Nos.	9	5	220V	Nos.	9
			6	Transformer	Nos.	4	6	Transformer	Nos.	4
			7	Tube Wall	Nos.	7	7	Tube Wall	Nos.	3
			8	OFC	mtr	22098	8	OFC	mtr	21692
							*The quantity given above is indicative, the contractor has to finalize the actual requirement of shifting of various utilities in due consultation with Authority's Engineer and Authority, duly verified by the concerned utility authorities and approved by authority"			
35	Schedule-C	2/(e)	Bus Bay with Passenger shelter				Bus Bay with Passenger shelter			
			Sl. No.	Project Facility	Location (km)	Name of the Place	Sl. No.	Project Facility	Location (km)	Name of the Place
			1	Bus bay with Passenger shelter	57.175(Both Side)	Kerakha Bari	1	Bus bay with Passenger shelter	57.400(Both Side)	Kerakha Bari
			2	Bus bay with Passenger shelter	65.525(Both Side)	Kayapatty	2	Bus bay with Passenger shelter	65.700(Both Side)	Kayapatty
36	Schedule-C	2(h)	Street Lighting:				Street Lighting:			
			Total 185 Nos. Street lighting shall be provided in junction, Bus Bay, Bridge approaches & VUP locations.				i) Minimum 177 Nos. Street lighting shall be provided in junction, Bus Bay, Bridge approaches & VUP locations. Or any other location as per the satisfaction of Authority's Engineer			

SI no	Ref. RFP Section	Cl no	Existing RFP Provision	Revised/ Amended Provision
				<p>ii) The EPC Contractor will obtain all permissions/load sanctions/power supply, etc. from the Electricity Authorities. The Contractor shall be solely responsible for submission of application along with all necessary documents to supply authority. Further the Contractor shall be responsible for follow up of the application and getting the release of the supply to lighting. All statutory approvals/permissions have to be obtained by the Contractor for energizing/operating the lights.</p>
37	Schedule-M	2(ii)	<p>The amount to be deducted from monthly lump-sum payment for non- compliance of particular item shall be calculated asunder:</p> $R = \frac{P}{100} \times (M1 \text{ or } M2) \times \frac{L1}{L}$ <p>Where,</p> <p>P= Percentage of particular item/Defect/deficiency for deduction</p> <p>M1= Monthly lump-sum payment in accordance para 1.2 above of this Schedule M2= Monthly lump-sum payment in accordance para 1.2 above of this Schedule L1= Non-complying length L = Total length of the road,</p> <p>R= Reduction (the amount to be deducted for non-compliance for a particular item/Defect/deficiency)</p> <p>The total amount of reduction shall be arrived at by summation of reductions for such</p>	<p>The amount to be deducted from monthly lump-sum payment for non-compliance of particular item shall be calculated as under:</p> $R = \frac{P}{100} \times M \times \frac{L1}{L}$ <p>Where,</p> <p>P=Percentage of particular item/Defect/deficiency for deduction M=Monthly lump-sum payment in accordance with the Bid L1=Non-complying length L = Total length of the road, R=Reduction (the amount to be deducted for non-compliance for a particular item/Defect/deficiency)</p> <p>The total amount of reduction shall be arrived at by summation of reductions for such items / Defects / deficiency or non-compliance.</p> <p>For any Defect in a part of one kilometer, the non-conforming length shall be taken as one kilometer.</p>

SI no	Ref. RFP Section	CI no	Existing RFP Provision	Revised/ Amended Provision																								
			<p>items/Defects/deficiency or non-compliance.</p> <p>For any Defect in a part of one kilometer, the non-conforming length shall be taken as one kilometer.</p>																									
38	Schedule-P	3(i)	<p>Insurance against injury to persons and damage to property</p> <p>The Contractor shall insure against its liability for any loss, damage, death or bodily injury, or damage to any property (except things insured under Paragraphs 1 and 2 of this Schedule or to any person (except persons insured under Clause 20.9), which may arise out of the Contractor's performance of this Agreement. This insurance shall be for a limit per occurrence of not less than the amount stated below with no limit on the number of occurrences.</p> <p>The insurance cover shall be not less than: Rs. [*****]</p>	<p>Insurance against injury to persons and damage to property</p> <p>The Contractor shall insure against its liability for any loss, damage, death or bodily injury, or damage to any property (except things insured under Paragraphs 1 and 2 of this Schedule or to any person (except persons insured under Clause 20.9), which may arise out of the Contractor's performance of this Agreement. This insurance shall be for a limit per occurrence of not less than the amount stated below with no limit on the number of occurrences.</p> <p>The insurance cover shall be not less than: Rs. 1.5 Crore (Rupees One Crore Fifty Lakhs)</p>																								
39	Schedule-B	7/(iii)) (a)- (d)	Culvert: Details of Culverts proposed for Reconstruction/Widening/New Construction stipulated	<p>The following note is added for Culverts:</p> <p>"The span and opening of these culverts as specified are indicative. The design of waterway has to be done as per site requirement, considering the site requirements. Any change in this configuration shall not attract provisions of Article 13 of this Agreement."</p>																								
40	Schedule-B	7/(iii))/(d)	<p>Additional new culverts shall be constructed as per particulars given in the table below:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Culvert Location</th> <th>Span /Opening (m)</th> <th>Remarks*</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>49.399</td> <td>1 X 2.0 X 2.0</td> <td>Single Cell</td> </tr> <tr> <td>2</td> <td>50.465</td> <td>1 X 2.0 X 3.0</td> <td>Single Cell</td> </tr> </tbody> </table>	Sl. No.	Culvert Location	Span /Opening (m)	Remarks*	1	49.399	1 X 2.0 X 2.0	Single Cell	2	50.465	1 X 2.0 X 3.0	Single Cell	<p>Additional new culverts shall be constructed as per particulars given in the table below:</p> <table border="1"> <thead> <tr> <th colspan="4">For 4-Lane Portion</th> </tr> <tr> <th>Sl. No.</th> <th>Culvert Location</th> <th>Span /Opening (m)</th> <th>Remarks*</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>49.399</td> <td>1 X 2.0 X 2.0</td> <td>Single Cell</td> </tr> </tbody> </table>	For 4-Lane Portion				Sl. No.	Culvert Location	Span /Opening (m)	Remarks*	1	49.399	1 X 2.0 X 2.0	Single Cell
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1	49.399	1 X 2.0 X 2.0	Single Cell																									
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Sl. No.	Culvert Location	Span /Opening (m)	Remarks*																									
1	49.399	1 X 2.0 X 2.0	Single Cell																									

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision				
			3	50.793	1 X 2.0 X 2.0	Single Cell		2	50.465	1 X 2.0 X 3.0	Single Cell
			4	51.094	1 X 2.0 X 3.0	Single Cell		3	50.793	1 X 2.0 X 2.0	Single Cell
			5	51.394	1 X 2.0 X 2.0	Single Cell		4	51.094	1 X 2.0 X 3.0	Single Cell
			6	51.633	1 X 2.0 X 3.0	Single Cell		5	51.394	1 X 2.0 X 2.0	Single Cell
			7	52.063	1 X 2.0 X 2.0	Single Cell		6	51.633	1 X 2.0 X 3.0	Single Cell
			8	52.293	1 X 2.0 X 2.0	Single Cell		7	52.063	1 X 2.0 X 2.0	Single Cell
			9	52.493	1 X 2.0 X 2.0	Single Cell		8	52.293	1 X 2.0 X 2.0	Single Cell
			10	57.9349	1 X 2.0 X 2.0	Single Cell		9	52.493	1 X 2.0 X 2.0	Single Cell
			11	52.993	1 X 2.0 X 2.0	Single Cell		10	52.793	1 X 2.0 X 2.0	Single Cell
			12	53.294	1 X 2.0 X 2.0	Single Cell		11	52.993	1 X 2.0 X 2.0	Single Cell
			13	53.460	1 X 2.0 X 2.0	Single Cell		12	53.294	1 X 2.0 X 2.0	Single Cell
			14	53.643	1 X 2.0 X 3.0	Single Cell		13	53.460	1 X 2.0 X 2.0	Single Cell
			15	54.022	1 X 2.0 X 2.0	Single Cell		14	53.643	1 X 2.0 X 3.0	Single Cell
			16	54.633	1 X 2.0 X 2.0	Single Cell		15	54.022	1 X 2.0 X 2.0	Single Cell
			17	54.843	1 X 2.0 X 2.0	Single Cell		16	54.633	1 X 2.0 X 2.0	Single Cell
			18	55.191	1 X 2.0 X 2.0	Single Cell		17	54.843	1 X 2.0 X 2.0	Single Cell
			19	55.429	1 X 2.0 X 2.0	Single Cell		18	55.191	1 X 2.0 X 2.0	Single Cell
			20	55.693	1 X 2.0 X 2.0	Single Cell		19	55.429	1 X 2.0 X 2.0	Single Cell
			21	55.893	1 X 2.0 X 2.0_EC	Single Cell		20	55.693	1 X 2.0 X 2.0	Single Cell
			22	56.317	1 X 2.0 X 3.0	Single Cell		21	55.893	1 X 2.0 X 2.0_EC	Single Cell
			23	56.715	1 X 2.0 X 2.0	Single Cell		22	56.317	1 X 2.0 X 3.0	Single Cell
			24	57.193	1 X 2.0 X 3.0	Single Cell		23	56.715	1 X 2.0 X 2.0	Single Cell
			25	57.257	1 X 2.0 X 2.0	Single Cell		24	57.193	1 X 2.0 X 3.0	Single Cell
			26	57.571	1 X 2.0 X 2.0	Single Cell		25	57.257	1 X 2.0 X 2.0	Single Cell
			27	57.861	1 X 2.0 X 3.0	Single Cell		26	57.571	1 X 2.0 X 2.0	Single Cell
			28	58.061	1 X 2.0 X 3.0	Single Cell		27	57.861	1 X 2.0 X 3.0	Single Cell
			29	58.143	1 X 2.0 X 3.0	Single Cell		28	58.061	1 X 2.0 X 3.0	Single Cell
			30	58.193	1 X 2.0 X 3.0	Single Cell		29	58.143	1 X 2.0 X 3.0	Single Cell

b

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision				
			31	58.318	1 X 2.0 X 3.0	Single Cell		30	58.193	1 X 2.0 X 3.0	Single Cell
			32	58.443	1 X 2.0 X 2.0	Single Cell		31	58.318	1 X 2.0 X 3.0	Single Cell
			33	58.693	1 X 2.0 X 3.0	Single Cell		32	58.443	1 X 2.0 X 2.0	Single Cell
			34	58.943	1 X 2.0 X 2.0_EC	Single Cell		33	58.693	1 X 2.0 X 3.0	Single Cell
			35	59.193	1 X 2.0 X 2.0_EC	Single Cell		34	58.943	1 X 2.0 X 2.0_EC	Single Cell
			36	59.343	1 X 2.0 X 2.0_EC	Single Cell		35	59.193	1 X 2.0 X 2.0_EC	Single Cell
			37	59.593	1 X 2.0 X 2.0_EC	Single Cell		36	59.343	1 X 2.0 X 2.0_EC	Single Cell
			38	59.763	1 X 2.0 X 2.0_EC	Single Cell		37	59.593	1 X 2.0 X 2.0_EC	Single Cell
			39	59.943	1 X 2.0 X 2.0_EC	Single Cell		38	59.760	1 X 2.0 X 2.0_EC	Single Cell
			40	60.118	1 X 2.0 X 2.0_EC	Single Cell		39	59.950	1 X 2.0 X 2.0_EC	Single Cell
			41	60.493	1 X 2.0 X 2.0_EC	Single Cell		40	60.077	1 X 2.0 X 2.0_EC	Single Cell
			42	60.629	1 X 2.0 X 3.0	Single Cell		41	60.470	1 X 2.0 X 3.0	Single Cell
			43	60.744	1 X 2.0 X 2.0_EC	Single Cell		42	60.593	1 X 2.0 X 3.0	Single Cell
			44	61.143	1 X 2.0 X 2.0_EC	Single Cell		43	60.720	1 X 2.0 X 2.0_EC	Single Cell
			45	61.267	1 X 2.0 X 3.0	Single Cell		44	61.120	1 X 2.0 X 2.0_EC	Single Cell
			46	61.463	1 X 2.0 X 2.0_EC	Single Cell		45	61.250	1 X 2.0 X 3.0	Single Cell
			47	61.679	1 X 2.0 X 3.0	Single Cell		46	61.420	1 X 2.0 X 2.0_EC	Single Cell
			48	61.823	1 X 2.0 X 2.0_EC	Single Cell		47	61.641	1 X 2.0 X 2.0_EC	Single Cell
			49	62.283	1 X 2.0 X 2.0_EC	Single Cell		48	61.780	1 X 2.0 X 2.0_EC	Single Cell
			50	62.458	1 X 2.0 X 2.0_EC	Single Cell		49	62.250	1 X 2.0 X 3.0_EC	Single Cell
			51	62.658	1 X 2.0 X 3.0_EC	Single Cell		50	62.440	1 X 2.0 X 2.0_EC	Single Cell
			52	63.143	1 X 2.0 X 2.0_EC	Single Cell		51	62.660	1 X 2.0 X 3.0_EC	Single Cell
			53	63.288	1 X 2.0 X 3.0_EC	Single Cell		52	63.140	1 X 2.0 X 2.0_EC	Single Cell
			54	63.443	1 X 2.0 X 2.0_EC	Single Cell		53	63.250	1 X 2.0 X 3.0_EC	Single Cell
			55	63.593	1 X 2.0 X 3.0_EC	Single Cell		54	63.400	1 X 2.0 X 2.0_EC	Single Cell
			56	63.743	1 X 2.0 X 3.0_EC	Single Cell		55	63.600	1 X 2.0 X 2.0_EC	Single Cell
			57	63.943	1 X 2.0 X 2.0_EC	Single Cell		56	63.770	1 X 2.0 X 2.0_EC	Single Cell
			58	64.236	1 X 2.0 X 2.0_EC	Single Cell		57	63.920	1 X 2.0 X 2.0_EC	Single Cell

SI no	Ref. RFP Section	CI no	Existing RFP Provision				Revised/ Amended Provision																																																																											
			59	65.383	1 X 2.0 X 2.0_EC	Single Cell	58	64.236	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			60	65.643	1 X 2.0 X 2.0_EC	Single Cell	59	65.383	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			61	65.863	1 X 2.0 X 2.0_EC	Single Cell	60	65.550	1 X 2.0 X 3.0	Single Cell																																																																								
			62	66.033	1 X 2.0 X 2.0_EC	Single Cell	61	65.863	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			63	66.418	1 X 2.0 X 2.0_EC	Single Cell	62	66.033	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			64	66.618	1 X 2.0 X 2.0_EC	Single Cell	63	66.418	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			65	67.193	1 X 2.0 X 2.0_EC	Single Cell	64	66.618	1 X 2.0 X 2.0_EC	Single Cell																																																																								
			66	67.993	1 X 2.0 X 2.0_EC	Single Cell	65	67.193	1 X 2.0 X 2.0_EC	Single Cell																																																																								
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SI no	Ref. RFP Section	Cl no	Existing RFP Provision				Revised/ Amended Provision				
			8	Place/ City identification (Direction Sign < 0.9 sqm)	Nos.	21	10	Horn prohibited (600mm Circular)	Nos.	4	
			9	Stop Sign (900 mm Octagonal)	Nos.	24	11	Hazard Marker (900x300 mm rectangular) (one way)	Nos.	316	
			10	Horn prohibited (600mm Circular)	Nos.	4	12	Object Marker (900x300 mm rectangular) (one way)	Nos.	8	
			11	Hazard Marker (900x300 mm rectangular) (one way)	Nos.	316	13	Pedestrian Crossing (900 mm Triangular)	Nos.	18	
			12	Object Marker (900x300 mm rectangular) (one way)	Nos.	8	14	Pavement marking	Sqm	13800	
			13	Pedestrian Crossing (900 mm Triangular)	Nos.	18	15	Road Delineators	no	284	
			14	Pavement marking	Sqm	13800	16	Road Studs	no	1236	
			15	Road Delineators	no	308	17	W-Beam Crash Barrier	Rm	11081	
			16	Road Studs	no	1188	"All above quantities are minimum to be installed/executed"				
			17	W-Beam Crash Barrier	Rm	15158.24					
42	Schedule-B	11/(a)	Toe Wall				Toe Wall				
			Location		Side	Length (km)	Location		Side	Length (km)	
			From(km)	To(km)			From(km)	To(km)			
			56.825	57.145	LHS	0.32	53.260	53.400	RHS	0.140	
			58.72	58.845	LHS	0.125	57.550	57.620	RHS	0.070	
			59.12	59.345	LHS	0.225	58.100	58.845	LHS	0.745	
			60.175	60.285	LHS	0.11	58.840	58.950	RHS	0.110	
			61.845	62.015	LHS	0.17	59.100	59.950	LHS	0.850	
			62.015	62.195	RHS	0.18	59.285	59.360	RHS	0.075	
			62.245	62.47	RHS	0.225	60.175	60.250	BOTH	0.150	
			62.575	62.635	LHS	0.06	65.500	65.750	LHS	0.250	
			62.945	63.17	Both	0.45	66.075	66.175	LHS	0.100	
			63.845	63.945	LHS	0.1	Total Length=		2.490		
			Total Length			1.965					

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							20	61750	63490	Both	3480			
							21	63940	64243	Both	606			
							22	65378	65980	Both	1204			
							24	66230	67218	Both	1976			
							TCS for 2 lane portion and Bridge Approach							
							25	438	1071	Both	1266			
							Total Length				27855.00			
46	Schedule-B	2/(ix)/(a)	Grade separated structures				Grade separated structures							
			Sl. No.	Location of Structure (VUP)	Length(m)	Number and length of spans (m)	Approach gradient	Remarks	Sl. No.	Location of Structure (VUP)	Length(m)	Number and length of spans (m)	Approach gradient	Remarks
			1	67.556	60	2 x 30m	2.50%	PSC T Girder	1	67.556	60	2 x 30m	2.50%	PSC T Girder(4-Lane)



(K. C. Bhatt)
Dy. General Manager (T)