

**Schedule A**  
(See Clause 2.1 and 8.1)

**SITE OF THE PROJECT**

**1 The Site**

- 1.1 Site of the Four-Lane Project Highway shall include the land, buildings, Structures and road works as described in Annex-I of this Schedule-A.
- 1.2 The dates of handing over the Right of Way to the Contractor are specified in Annex-II of this Schedule-A.
- 1.3 An inventory of the Site including the land, buildings, structures, road works, trees and any other immovable property on, or attached to, the Site shall be prepared jointly by the Authority Representative and the Contractor, and such inventory shall form part of the memorandum referred to in Clause 8.2.1 of this Agreement.
- 1.4 The alignment plans of the Project Highway are specified in Annex-III. In the case of sections where no modification in the existing alignment of the Project Highway is contemplated, the alignment plan has not been provided. Alignment plans have only been given for sections where the existing alignment is proposed to be upgraded. The proposed profile of the Project Highways shall be followed by the contractor with minimum FRL as indicated in the alignment plan. The contractor, however, improve/upgrade the Road Profile as indicated in Annexure-III based on site/design requirement.
- 1.5 The status of the environment clearances obtained or awaited is given in Annex-IV.

**Annex – I**  
**(Schedule-A)**  
**Site**

**1. Site**

The Site of the Four-Lane Project Highway comprises the section of National Highway 37 commencing from km 562.525 to km 581.700 i.e. End of Moran Bypass to Bogibeel Junction section in the State of Assam. The land, carriageway and structures comprising the site are described below.

**2. Land**

The Site of the Project Highway comprises the land as described below:

Existing Chainage Km		Existing ROW (in m)
From	To	
562.525	562.800	60.0
562.800	563.800	60.0
563.800	570.000	60.0
570.000	570.100	59.0
570.100	571.100	60.0
571.000	571.150	61.0
571.150	571.200	60.0
571.200	571.250	61.0
571.250	571.300	60.0
571.300	571.350	61.0
571.350	571.450	60.0
571.450	571.500	59.0
571.500	571.650	60.0
571.650	571.700	61.0
571.700	571.900	60.0
571.900	571.950	61.0
571.950	572.000	60.0
573.000	573.050	59.0
573.050	575.750	60.0
575.750	575.800	88.0
575.800	575.850	80.0
575.850	575.900	62.0
575.900	576.400	60.0
576.400	576.450	74.0
576.450	576.500	80.0
576.500	576.550	84.0
576.550	576.600	72.0
576.600	580.778	60.0

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

### 3. Carriageway

The present carriageway of the project highway is 2-lane. The type of the existing pavement is flexible. Details of carriageway & Pavement are as under.

Existing Chainage km		Carriageway Width	Paved Shoulder	Earthen Shoulder	
From	To			Left	Right
562.525	563.800	7	Nil	1.0	1.0
563.800	564.800	5.4	Nil	1.5	1.5
564.800	565.800	5.4	Nil	1.5	1.0
565.800	567.800	5.4	Nil	1.8	1.3
567.800	568.800	5.4	Nil	1.8	1.0
568.000	570.600	5.4	Nil	1.5	1.2
570.600	571.800	5.4	Nil	1.5	1.0
571.800	572.800	5.4	Nil	1.5	1.2
572.800	573.000	7	Nil	1.0	1.0
573.000	573.200	7	1.4	Dehing Bridge	
573.200	573.800	7	Nil	1.0	1.0
573.800	574.800	7	Nil	1.5	1.5
574.800	575.800	7	Nil	1.5	1.2
575.800	576.800	7	Nil	0.8	0.8
576.800	577.100	7	Nil	0.8	0.8
577.100	577.200	7	1.4	Seesa Bridge	
577.200	577.800	7	Nil	0.8	0.75
577.800	581.600	7	Nil	1.0	1.0
581.600	581.800	7	Nil	1.2	1.0
581.800	582.200	7	Nil	1.0	1.0
582.200	581.700	7	Nil	1.2	1.0

The following works have already been executed by the previous Contractor. The Bidder shall verify the usability as per project specifications/ requirement and any repairs/ modifications shall be incorporated in the bid accordingly.

Sr. No.	Item of Works	Existing Chainage		Side	Total Length - 2 Lane	Emb Top
		From	To			
1	2	3	4	5	6	7
1	Embankment	562.525	563.074	LHS	0.500	Completed
2	Embankment	567.511	567.603	LHS	0.100	Completed
3	Embankment	568.623	568.733	LHS	0.100	Completed
4	Embankment	569.058	569.459	LHS	0.400	Completed
5	Embankment	562.525	562.637	RHS	0.100	Completed
6	Embankment	562.749	563.468	RHS	0.700	Completed
7	Embankment	564.469	564.673	RHS	0.200	Completed
8	Embankment	564.673	564.879	RHS	0.200	Partially Completed
9	Embankment	564.879	564.980	RHS	0.100	Completed
10	Embankment	569.559	569.760	RHS	0.200	Completed
11	Embankment	570.248	570.629	LHS	0.400	Partially Completed
12	Embankment	570.914	571.642	LHS	0.700	Partially Completed

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

13	Embankment	572.375	573.197	LHS	0.800	Partially Completed
14	Embankment	574.585	574.685	LHS	0.100	Completed
15	Embankment	572.896	573.197	RHS	0.300	Completed
16	Embankment	574.185	574.485	RHS	0.300	Completed
17	Embankment	574.785	575.188	RHS	0.400	Completed
18	Embankment	578.200	578.400	RHS	0.200	Completed
19	Embankment	579.000	579.600	RHS	0.600	Completed
20	Embankment	579.600	580.300	RHS	0.700	Completed
				<b>Total</b>	<b>7.100</b>	

Sr. No	Item of Works	LHS			RHS		
		EXISTING CHAINAGE		Total Length	EXISTING CHAINAGE		Total Length
		FROM	TO		FROM	TO	
1	Earthwork up to Sub-grade Top	563.172	564.194	1.030	563.527	564.194	0.670
2	Earthwork up to Sub-grade Top	564.214	564.469	0.250	564.214	564.571	0.350
3	Earthwork up to Sub-grade Top	566.129	566.228	0.100	565.990	566.228	0.240
4	Earthwork up to Sub-grade Top	566.277	566.822	0.550	566.277	566.822	0.550
5	Earthwork up to Sub-grade Top	566.861	567.228	0.390	566.842	567.228	0.410
6	Earthwork up to Sub-grade Top	567.267	567.557	0.340	567.247	567.475	0.250
7	Earthwork up to Sub-grade Top	567.667	567.949	0.310	567.484	567.557	0.080
8	Earthwork up to Sub-grade Top	568.039	568.645	0.550	568.226	568.336	0.100
9	Earthwork up to Sub-grade Top	568.910	569.018	0.100	568.358	569.559	1.140
10	Earthwork up to Sub-grade Top	569.038	569.118	0.080	573.887	574.245	0.360
11	Earthwork up to Sub-grade Top	573.887	574.655	0.770	574.535	574.715	0.180
12	Earthwork up to Sub-grade Top	578.020	579.900	1.880	578.450	578.900	0.450
13	Earthwork up to Sub-grade Top	581.103	581.568	0.450	580.700	581.609	0.890
		<b>Total Length =</b>		<b>6.800</b>			<b>5.670</b>

#### 4. Major Bridges

The Site includes the following Major Bridges:

Sr. No	Existing Chainage (km)	Type of Structure			No. of Spans with span length (m)	Width (m)
		Foundation	Sub-Structure	Super Structure		
1	573.310	Well	RCC Wall	RCC T-Beam (3 Girder)	4 x 37.61 + 2 x 42.97	8.40
2	577.094	Well	RCC Wall	RCC T-Beam (3 Girder)	2 x 40.48	8.4

#### 5. Road over-bridges (ROB)/ Road under-bridges (RUB)

The Site includes the following ROB (road over railway line)/ RUB (road under railway line):

Sr. No.	Chainage (km)	Type of Structures		No. of Spans with span length (m)	Width (m)	ROB/ RUB
		Foundation	Super structure			
1	568.000	-	Steel Girder	2 x 75 (skew)	-	RUB

#### 6. Grade separators

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

The Site includes the following grade separators:

S. No.	Chainage (km)	Type of Structures		No. of Spans with span length (m)	Width (m)
		Foundation	Super structure		
Nil					

## 7. Minor Bridges

The Site includes the following Minor Bridges:

S. No.	Existing Chainage (km)	Type of Structure			No. of Spans with span length (m)	Width (m)
		Foundation	Sub-Structure	Super-Structure		
1	567.680	Shallow	RCC Wall	Solid Slab	2x10.80 + 1x9.80	8.4

## 8. Railway level crossings

The Site includes the following railway level crossings:

Sl. No.	Location (km)	Remark
NIL		

## 9. Underpasses (vehicular, non vehicular)

The Site includes the following underpasses:

S. No.	Chainage(km)	Type of structure	No of Span with Span length(m)	width (m)
NIL				

## 10. Culvert

The Site has the following culverts:

Sr. No.	Existing Chainage	Type of Culvert	Span /Opening with span length (m)	Width in m
1	563.969	Box Culvert	1 x 2 x 1.50	12.1
2	564.341	Box Culvert	1 x 2.0 x 1.5	15.0
3	564.680	Box Culvert	1 x 2.5 x 2	13.3
4	564.723	Box Culvert	1 x 2.5 x 2	14.6
5	565.161	Box Culvert	1 x 2 x 2	13.8
6	567.816	Box Culvert	1 x 1.5 x 3.0	12.0
7	566.012	Box Culvert	2 x 2.5 x 2.6	14.6
8	566.599	Box Culvert	1 x 1.5 x 3	11.5
9	567.026	Box Culvert	1 x 1.5 x 1.0	11.4
10	567.650	Box Culvert	1 x 1.5 x 3.0	11.5
11	567.880	Box Culvert	1 x 1 x 2.50	11.4
12	568.182	Box Culvert	1x1.5x3	11.2
13	568.803	Box Culvert	1x1x1	11.5
14	569.313	Box Culvert	1x1x2	11.7
15	569.465	Box Culvert	1x5x3	12.2

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

16	574.111	Box Culvert	1x3.5x3	11.0
17	574.469	Box Culvert	1x2x2	11.2
18	577.956	Box Culvert	1x4x3	11.7
19	579.397	Box Culvert	1x1.5x1.5	11.0
20	580.500	Box Culvert	1x5x3	10.4

The following works have already been executed by the previous Contractor. The Bidder shall verify the usability as per project specifications/ requirement and any repairs/ modifications shall be incorporated in the bid accordingly.

### List of Pipe Culverts:

#### New Culverts (Previous contractor made part of work)

Sr. No.	Existing Chainage (km)	Type of Culvert	Span Arrangement No. x Length/ No. x Dia (m)	Total Width in m	Remarks
1	563.288	Pipe	1x1.2m dia	4-lane	Part of work constructed
2	563.654	Pipe	1x1.2m dia	4-lane	Part of work constructed
3	565.551	Box	1x2.5x2	4-lane	Part of work constructed

### List of Slab/Box/Arch Culverts:

Sr. No.	Existing Chainage	Proposed Type of Span (m)	Proposed Span (m)	Total Width in m	Remarks
1	563.969	BOX	1x2x1.5	4-lane	BHS constructed protection work not executed
2	564.341	BOX	1x2x1.5	4-lane	BHS constructed protection work not executed
3	564.680	BOX	1x2.5x2	4-lane	BHS constructed protection work not executed
4	564.723	BOX	1x2.5x2	4-lane	BHS constructed protection work not executed
5	565.161	BOX	1x2x2	4-lane	BHS constructed protection work not executed
6	567.816	BOX	1x1.5x3.0	4-lane	BHS constructed protection work not executed
7	566.012	BOX	2x2.5x2.6	4-lane	BHS constructed protection work not executed
8	567.026	BOX	1x1.5x1	4-lane	BHS constructed protection work not executed
9	567.650	BOX	1x1.5x3.0	4-lane	LHS constructed protection work not executed
10	567.880	BOX	1x1x2.5	4-lane	LHS constructed protection work not executed
11	568.182	BOX	1x1.5x3.0	4-lane	BHS constructed protection work not executed
12	568.803	BOX	1x1x1	4-lane	BHS constructed protection work not executed
13	569.313	BOX	1x1x2.5	4-lane	BHS constructed protection work not executed
14	574.111	BOX	1x3.5x3	4-lane	BHS constructed protection work not executed
15	574.469	BOX	1x2x2	4-lane	BHS constructed protection work not executed
16	577.956	BOX	1x4x3	4-lane	BHS constructed protection work not executed
17	579.397	BOX	1x1.5x1.5	4-lane	BHS constructed protection work not executed

## 11. Bus bays

The details of bus bays on the Site are as follows:

S. No.	Chainage(km)	Length(m)	Left Hand side	Right Hand side
NIL				

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

## 12. Truck Lay byes

The details of truck bays on the Site are as follows:

S. No.	Chainage(km)	Length(m)	Left Hand side	Right Hand side
NIL				

## 13. Road side drains

The details of road side drains are noted on the existing alignment; the maximum location has been open drain/line drain and in built-up location covered drain.

The following works have already been executed by the previous Contractor. The Bidder shall verify the usability as per project specifications/ requirement and any repairs/ modifications shall be incorporated in the bid accordingly.

### Location of Covered and Line Drain

Sr. No	Existing Chainage		Length (m)	Side	Remarks
	From	To			
1	564.622	564.918	0.290	LHS	Completed
2	565.059	565.129	0.070	LHS	
3	565.144	565.337	0.195	LHS	
4	580.300	580.350	0.050	LHS	
5	580.550	580.650	0.100	LHS	
6	580.775	581.072	0.295	LHS	
7	564.602	564.929	0.320	RHS	
8	565.040	565.069	0.030	RHS	
9	580.270	580.700	0.420	RHS	
10	580.750	581.000	0.250	RHS	
11	581.021	581.052	0.030	RHS	
Total Length=			2.050		

## 14. Major Junctions

The details of the major junctions are as follows:

Sr. No.	Location (km)	At grade	Separated	Category of Cross Road			
				NH	SH	MDR	Others
1	580+789	At grade		NH			

(NH: National Highway, SH: State Highway, MDR: Major District Road)

## 15. Minor Junctions

The details of the minor junctions are as follows:

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

S. No.	Design Chainage (km)	Type	
		T- Junction	Cross Road
1	562.490	T Junction	
2	562.820	T Junction	
3	564.210	T Junction	
4	566.800		Cross Road
5	567.420		Cross Road
6	568.200	T Junction	
7	568.400	T Junction	
8	569.200		Cross Road
9	569.650	T Junction	
10	570.800	T Junction	
11	580.190	T Junction	
12	580.345	T Junction	

## 16. By-passes

The details of the existing road sections proposed to be bypassed are as follows:

Sr. No.	Name of Bypass (town)	Chainage (km) from km to km	Length in km
NIL			

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

**Annex II**  
(Schedule-A)

**Dates for providing Right of Way**

The dates on which the Authority shall provide Right of Way to the Contractor on different parts of the Site are stated below:

S. No	From km to km	Length (km)	Width (m)	Date of providing ROW
(i) Right of Way (Full width)	(i) km 562.525 to km 570.629 (ii) km 570.914 to km 574.185 (iii) km 574.585 to km 581.700	18.378 (96.33%)	60 m	At appointed date
(ii) Right of Way (Full width)	(i) km 570.629 to km 570.914 (ii) km 574.185 to km 574.585	0.700	60 m	On or before 150 days from appointed date.

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work

**Annex – III**  
*(Schedule-A)*  
**Alignment Plans**

The existing alignment of the Project Highway shall be modified in the sections as per the alignment plan indicated in the enclosed Alignment Plans.

**Annex – IV**  
*(Schedule-A)*  
**Environment Clearances**

The expected dates of receiving the following environment clearances are:

Final Environmental clearance approval has been accorded by MoEF.

Four laning of NH-37 from End of Moran Bypass (km 562.525) to Bogibeel Junction near Lapetketa (km 581.700) in the state of Assam under SARDP-NE, Phase 'A' on EPC mode- Balance Work