

Schedule-A

(See Clauses 2.1 and 8.1)

Site of the Project

1. The Site

- (i) Site of the **“Akegwo- Jessami road, NH-202 from Design Chainage Km 283.000 (5-legged junction at Old Akhegwo i.e. junction with NH-202 and Akhegwo-Avankhu road towards the Indo-Myanmar border) to Design Chainage Km 325.440 (Akash Bridge) (Package-I) in the State of Nagaland”** Project Highway shall include the land, buildings, structures and road works as described in Annex-I of this Schedule-A.
- (ii) The dates of handing over the Right of Way to the Contractor are specified in Annex-II of this Schedule-A.
- (iii) 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 (i) of this Agreement.
- (iv) 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 Annex-III based on site/design requirement.
- (v) The status of the environment clearances obtained or awaited is given in Annex-IV.

Annex – I
(Schedule-A)

Site

[Note: Through suitable drawings and description in words, the land, buildings, structures and road works comprising the Site shall be specified briefly but precisely in this Annex-I. All the chainages/location referred to in Annex-I to Schedule-A shall be existing chainages.]

1. Site

The Site of the “**Akegwo- Jessami road, NH-202 from Design Chainage Km 283.000 (5-legged junction at Old Akhegwo i.e. junction with NH-202 and Akhegwo-Avankhu road towards the Indo-Myanmar border) to Design Chainage Km 325.440 (Akash Bridge) (Package-I) in the State of Nagaland**” Project Highway comprises the section of NH-202 commencing from km 283+000 to km 326+018 i.e. Akash Bridge in the state of Nagaland. The land, carriageway and structures comprising the Site are described below

2. Land

The Site of the Project Highway comprises the land (sum total of land already in possession and land to be possessed) as described below:

S. No.	Chainage (km)		Existing Right of Way (m)	Proposed Right of Way (m)
	From	To		
1	283.000	283.265	6	16-41
2	283.265	307.565	6	24
3	307.565	308.500	6	16
4	308.500	308.770	6	24-45
5	308.770	309.890	6	16
6	309.890	309.950	6	16-21
7	309.950	310.627	6	16
8	310.627	311.049	6	24
9	311.049	311.456	6	16
10	311.456	312.846	6	22-46
11	312.846	314.864	6	24
12	314.864	316.030	6	22-42
13	316.030	316.360	6	24
14	316.360	316.875	6	20-41
15	316.875	319.825	6	24
16	319.825	320.200	6	27-36
17	320.200	321.650	6	24
18	321.650	322.450	6	21-35
19	322.450	326.018	6	24

3. Carriageway

The present carriageway of the Project Highway is Single/Intermediate Lane of width 3.5 m to 4.5 m from km 283+000 to km 326+018. The type of the existing pavement is [flexible].

4. Major Bridges

The Site includes the following Major Bridges:

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

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

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

S. No.	Chainage (km)	Type of Structure		No. of Spans with span length (m)	Width (m)	ROB/ RUB
		Foundation	Superstructure			
Nil						

6. Grade separators

The Site includes the following grade separators:

S. No.	Chainage (km)	Type of Structure		No. of Spans with span length (m)	Width (m)
		Foundation	Superstructure		
Nil					

7. Minor bridges

The Site includes the following minor bridges:

S. No.	Chainage (km)	Type of Structure			No. of Spans with span length (m)	Width (m)
		Foundation	Sub-structure	Super-structure		
1	289.540	Open	Stone	Steel	1 x 19.2	5.0

S. No.	Chainage (km)	Type of Structure			No. of Spans with span length (m)	Width (m)
		Foundation	Sub- structure	Super-structure		
2	294.178	Open	Stone	RCC Slab	1 x 24.2	5.0
3	302.335	Open	Stone	RCC Slab	1 x 15.1	4.7

8. Railway level crossings

The Site includes the following railway level crossings:

S. No.	Location (km)	Remarks
Nil		

9. Underpasses (vehicular, non vehicular)

The Site includes the following underpasses:

S. No.	Chainage (km)	Type of Structure	No. of Spans with span length (m)	Width (m)
Nil				

10. Culverts

The Site has the following culverts:

S. No.	Chainage (km)	Type of Culvert	Span /Opening with span length (m)	Width (m)
1	283.168	SLAB	1X1.60	6
2	283.259	SLAB	1X1.60	6
3	283.769	SLAB	1X1.80	6
4	284.023	SLAB	1X1.50	6
5	284.265	SLAB	1X1.20	6.1
6	284.361	SLAB	1X1.20	6.5
7	284.532	SLAB	1X1.20	6
8	284.619	SLAB	1X1.20	6
9	284.923	SLAB	1X1.50	6.1
10	285.232	SLAB	1X1.50	6
11	285.477	SLAB	1X1.20	6.2
12	285.628	SLAB	1X1.50	6.5
13	285.758	SLAB	1X1.40	6
14	286.038	SLAB	1X1.20	6.5
15	286.182	SLAB	1X1.50	6.5

S. No.	Chainage (km)	Type of Culvert	Span /Opening with span length (m)	Width (m)
16	286.302	SLAB	1X3.5	7.2
17	286.656	HUME PIPE	1X1.200	7.6
18	287.082	SLAB	1X1.00	5.3
19	287.254	SLAB	1X1.30	5.7
20	287.368	HUME PIPE	1X0.900	7.5
21	287.468	SLAB	1X1.20	6.5
22	287.583	SLAB	1X1.30	6
23	287.702	SLAB	1X1.50	5.8
24	287.903	SLAB	1X1.90	7
25	288.013	SLAB	1X1.90	5.8
26	288.144	SLAB	1X1.70	6
27	288.271	SLAB	1X1.20	6.1
28	288.511	SLAB	1X1.20	6.1
29	288.773	SLAB	1X1.20	6.3
30	289.110	SLAB	1X1.20	6
31	289.302	SLAB	1X1.70	6.2
32	289.436	SLAB	1 x 3.8	7
33	289.819	SLAB	1X1.40	7
34	290.238	SLAB	1X2.00	6
35	290.414	SLAB	1X1.70	6.7
36	291.039	SLAB	1X1.00	6
37	291.145	SLAB	1X1.80	6
38	291.286	SLAB	1X1.20	6
39	291.466	SLAB	1X1.30	6.1
40	291.762	SLAB	1X1.00	6.1
41	291.893	SLAB	1X2.20	6.1
42	292.097	SLAB	1X1.40	6.9
43	292.303	SLAB	1X1.80	6.2
44	292.492	SLAB	1X1.20	6.8
45	292.727	SLAB	1X1.60	6.1
46	293.137	SLAB	1 x 5.40	7
47	293.261	SLAB	1X1.30	5.9
48	293.792	SLAB	1X1.60	7.1
49	294.535	SLAB	1X1.20	6
50	294.808	SLAB	1X1.30	7.5
51	295.059	SLAB	1X1.40	6
52	295.306	SLAB	1X1.70	5.5
53	295.591	SLAB	1X1.70	6
54	296.055	SLAB	1X3.60	6.1
55	296.286	SLAB	1X1.60	6.5
56	296.747	SLAB	1X1.70	6.7
57	296.889	SLAB	1X1.00	6.2
58	297.292	SLAB	1X1.00	7
59	297.527	SLAB	1X1.30	6.1
60	297.648	SLAB	1X1.40	6
61	297.841	SLAB	1X1.00	7
62	298.055	SLAB	1X1.20	6.1

S. No.	Chainage (km)	Type of Culvert	Span /Opening with span length (m)	Width (m)
63	298.272	SLAB	1X1.70	6.1
64	298.423	SLAB	1X1.50	8.8
65	298.685	SLAB	1X1.20	5.6
66	298.999	SLAB	1X1.30	6.2
67	299.148	SLAB	1X1.90	6
68	299.235	SLAB	1X1.80	6.2
69	299.420	SLAB	1X1.40	6.3
70	299.729	SLAB	1X1.60	6
71	299.833	SLAB	1X1.60	6.2
72	300.283	SLAB	1X1.90	6.2
73	300.495	SLAB	1X1.90	6.2
74	300.748	SLAB	1X2.10	6.3
75	300.881	SLAB	1X1.20	5.8
76	300.962	HUME PIPE	1X1.00	6.5
77	301.111	SLAB	1X1.30	6.5
78	301.230	SLAB	1X1.20	7.4
79	301.362	HUME PIPE	1X1.20	6
80	301.642	SLAB	1X2.00	6.2
81	301.999	SLAB	1X4.00	7.7
82	302.638	SLAB	1X1.80	7.2
83	302.966	SLAB	1X1.90	7.2
84	303.202	SLAB	1X1.80	6
85	303.514	SLAB	1X1.50	7.2
86	303.737	SLAB	1X3.80	6.2
87	303.960	SLAB	1X1.40	6
88	304.042	HUME PIPE	1X1.2	7
89	304.436	SLAB	1X1.80	7.4
90	304.568	SLAB	1X1.50	6
91	304.812	SLAB	1X1.80	6.1
92	305.187	SLAB	1X1.50	6.1
93	305.519	SLAB	1X2.00	7.1
94	305.793	SLAB	1X1.40	7.2
95	306.050	HUME PIPE	1X0.60	7.1
96	306.148	SLAB	1X1.90	6
97	306.469	SLAB	1X2.00	8.3
98	306.544	SLAB	1X1.30	6.8
99	306.846	SLAB	1X1.20	6.3
100	307.041	HUME PIPE	1X1.00	6
101	307.127	HUME PIPE	1X1.00	5.9
102	307.423	SLAB	1X2.00	9.3
103	308.032	SLAB	1X1.70	14.8
104	308.258	SLAB	1X1.60	6
105	308.705	SLAB	1X1.60	7.1
106	308.916	SLAB	1X2.20	6.1
107	309.194	HUME PIPE	1X1.20	6
108	309.290	SLAB	1X2.00	5.6
109	309.659	SLAB	1X1.60	10.8

S. No.	Chainage (km)	Type of Culvert	Span /Opening with span length (m)	Width (m)
110	309.874	HUME PIPE	1X1.20	6.3
111	310.252	SLAB	1X1..70	12.5
112	310.503	HUME PIPE	1X0.600	8.1
113	310.825	HUME PIPE	1X1.000	7
114	311.111	HUME PIPE	1X1.00	6.5
115	311.352	HUME PIPE	1X1.00	7
116	311.475	HUME PIPE	1X0.300	8
117	311.579	HUME PIPE	1X1.00	7
118	311.780	HUME PIPE	1X0.600	6.5
119	311.957	HUME PIPE	1X0.900	6.3
120	312.280	HUME PIPE	1X0.900	7.6
121	312.735	HUME PIPE	1X0.900	6.7
122	312.909	HUME PIPE	1X0.900	6.7
123	313.312	HUME PIPE	1X0.900	6.5
124	313.728	HUME PIPE	1X0.900	6.2
125	314.011	HUME PIPE	1X0.600	6.5
126	314.247	HUME PIPE	1X0.600	7.5
127	314.693	HUME PIPE	1X0.600	6.7
128	314.869	HUME PIPE	1X0.600	6.5
129	315.209	HUME PIPE		8
130	315.429	HUME PIPE	1X0.600	7
131	315.793	HUME PIPE	1X0.600	7
132	315.892	HUME PIPE	1X0.900	7
133	316.035	HUME PIPE	1X0.600	7
134	316.465	HUME PIPE	1X0.600	7.5
135	316.521	HUME PIPE	1X0.900	7.5
136	316.835	HUME PIPE	1X0.600	8
137	316.874	HUME PIPE	1X0.600	8.5
138	317.128	HUME PIPE	1X0.600	6.5
139	317.391	HUME PIPE	1X0.600	6.5
140	317.568	HUME PIPE	1X0.600	8.5
141	317.982	HUME PIPE	1X0.900	7.5
142	318.261	HUME PIPE	1X0.600	7.5
143	318.342	HUME PIPE	1X0.900	8
144	318.472	HUME PIPE	1X0.600	8.5
145	318.811	HUME PIPE	1X0.900	7.5
146	318.944	HUME PIPE	1X0.900	8
147	319.121	HUME PIPE	1X0.600	8
148	319.223	HUME PIPE	1X0.600	8.5
149	319.329	HUME PIPE	1X0.900	7.5
150	319.602	HUME PIPE	1X0.900	8
151	319.772	HUME PIPE	1X0.900	7
152	320.046	HUME PIPE	1X0.900	8
153	320.236	HUME PIPE	1X0.900	7
154	320.413	HUME PIPE	1X0.900	8.5
155	320.634	HUME PIPE	1X0.900	8
156	320.817	HUME PIPE	1X0.900	8

S. No.	Chainage (km)	Type of Culvert	Span /Opening with span length (m)	Width (m)
157	321.000	HUME PIPE	1X0.900	7.5
158	321.380	HUME PIPE	1X0.600	8.5
159	321.785	HUME PIPE	1X0.900	8.5
160	322.335	HUME PIPE	1X0.900	6.5
161	322.555	HUME PIPE	1X0.900	7.5
162	322.936	HUME PIPE	1X0.600	7.5
163	323.198	HUME PIPE	1X0.900	8.5
164	323.293	HUME PIPE	2X0.900	6.5
165	323.339	HUME PIPE	1X0.900	6.5
166	323.415	HUME PIPE	1X0.900	8.5
167	323.603	HUME PIPE	1X0.900	6.5
168	323.714	HUME PIPE	1X0.600	7.5
169	323.960	HUME PIPE	1X0.900	7.5
170	324.206	HUME PIPE	1X0.600	8
171	324.442	HUME PIPE	1X0.601	6.8
172	324.571	HUME PIPE	1X1.200	7.1
173	324.633	HUME PIPE	1X0.600	6.3
174	324.711	HUME PIPE	1X0.600	8
175	324.791	HUME PIPE	1X0.600	7
176	325.097	HUME PIPE	1X0.900	8
177	325.611	HUME PIPE	1X0.600	7

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				

12. Truck Lay byes

The details of truck lay byes are as follows:

S. No.	Chainage (km)	Length (m)	Left Hand Side	Right Hand Side
Nil				

13. Road side drains

The details of the roadside drains are as follows:

S. No.	Location		Type	
	From km	to km	Masonry/cc (Pucca)	Earthen (Kutcha)
Nil				

14. Major junctions

The details of major junctions are as follows:

S. No.	Location	At grade	Separated	Category of Cross Road			
				NH	SH	MDR	Others
1	283.000	5-legged					
2	309.133	3-legged					

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

15. Minor junctions

The details of the minor junctions are as follows:

S. No.	Location	Type	
		T -junction	Cross road
1	283.150	Y	
2	284.975	Y	
3	305.047	Y	
4	305.230	Y	
5	307.450	Y	
6	308.104	Y	
7	308.736	Y	
8	308.950	T	
9	309.146	Y	
10	309.392	Y	
11	309.409	Y	
12	309.810	Y	
13	309.828	Y	
14	311.118	T	
15	311.216	Y	
16	314.730	Y	

16. Bypasses

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

S. No.	Name of bypass (town)	Chainage (km) From km to km	Length (in Km)
Nil			

17. Existing utilities

(i) Electrical utilities

The site includes the following electrical utilities:-

a) Extra High-Tension Lines (EHT Lines)*

SL. NO	Chainage		Length (in Km)				Crossings			
	From	To	400KV	220KV	110KV	66KV	400KV	220KV	110KV	66KV

b) High Tension/Low Tension Lines (HT/LT Lines)*

S. No	Chainage		Length (in Km)			Crossings			Transformers	
	From (Km)	To (Km)	33KV	11KV	LT	33KV	11KV	LT	No	Capacity
1	283.636	285.550	1.914							
2	306.117	307.772	1.655							
3	308.05	309.180		1.13						
4	309.180	309.240					0.060			
5	309.240	309.413		0.173						
6	309.413	309.501					0.088			
7	309.501	310.700		1.199						
8	307.118	308.929			1.811					
9	308.929	309.061						0.132		
10	308.880	309.050			0.170					
11	309.050	309.240						0.190		
12	309.800	310.500			0.700					
13	309.240								1	

(ii) Public Health utilities (Water/Sewage Pipe Lines)*

The site includes the following Public Health utilities:-

S. No	Chainage		Length(in Km)	Crossings
	From (Km)	To (Km)	Water Supply line	Water Supply line
1	283.000	304.500	1.100	
2	304.500	325.440	8.430	

(iii) Any Other line

(* This illustrative and may change as per features of existing utilities.)

Annex – II

(As per Clause 8.3 (i))

(Schedule-A)

Dates for providing Right of Way of Construction Zone

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

Sl. No	Existing Chainage(km)		Length in km	Existing ROW	Proposed ROW Width (m)	Date of Providing proposed ROW
	From	To				
(i) 90% Right of Way (full width)	283.000	326.018	43.018	6 m	16.0 m to 46.0 m	on Appointed Date
(ii) Balance Right of Way (width)	283.000	326.018	43.018	6 m	16.0 m to 46.0 m	Within 150 days after the Appointed Date

Annex - III

(Schedule-A)

Alignment Plans

The existing alignment of the Project Highway shall be modified in the following sections as per the alignment plan indicated below:

- (i) The alignment of the Project Highway is enclosed in alignment plan. Finished road level indicated in the alignment plan shall be followed by the contractor as minimum FRL. In any case, the finished road level of the project highway shall not be less than those indicated in the alignment plan. The contractor shall, however, improve/upgrade the Road profile as indicated in Annex-III based on site/design requirement.
- (ii) Traffic Signage plan of the Project Highway showing numbers & location of traffic signs is enclosed. The contractor shall, however, improve/upgrade upon the traffic signage plan as indicated in Annex-III based on site/design requirement as per the relevant specification/IRC Codes/Manual.

Annex – IV

(Schedule-A)

Environment Clearances No

Environment Clearance is required for the project.