

To,

All the prospective bidders

Subject: Two-Laning of Existing Hayuliang – Hawai Road on EPC basis from Design Km. 34.000 to Km. 51.825 [Existing Km 26.625 to Km 45.050 (Hayuliang – Hawai Road)] in the state of Arunachal Pradesh Under SARDP-NE -**Corrigendum in Schedules**

Sir,

Wherever applicable, the **IRC: SP: 73:2007** may be read as **IRC: SP: 73:2015**

2. Further, the following modifications have been made:

	As Existing	As Modified																																																												
Para 3 of Annexure-I of Schedule B	INTERSECTION AND GRADE SEPERATOR	INTERSECTION/MINOR JUNCTION AND GRADE SEPERATOR																																																												
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New clause may be added after Para 14 of Annexure-I of Schedule B	5	Place Identification signs size 1200X900 mm	Sqm	3.84
	6	90 cm Triangle	Nos.	15
	7	90 cm Octagon	Nos.	15
	8	Hazard plate 300X900 mm	Sqm	252.45
	9	800 x 600 mm Size	Nos.	20
	10	60 Cm circular	Nos.	20
	11	Supply and fixing of Micro Prismatic type Retro-Reflective sign plate which is to be fixed on Overhead/ Cantilever structures with the help of G.I. nut bolts	Sqm	51.36
	12	Over Head Sign Truss	MT	5.5
	13	Boundary Stone (taken 10% of Qty)	Nos.	9
	14	5th Km Stone -New	Nos.	2
	15	Ordinary Km Stone	Nos.	15
	16	Hectometer Stone	Nos.	68
	17	Delineator	Nos.	80
	18	Bollards	Nos.	80
	19	RCC Guard Post	Nos.	80
	20	Enamel Paint	Sqm	40
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	12	Over Head Sign Truss	MT	5.5
	13	Road side Boundary Stone (taken 10% of Qty)	Nos.	As per the IRC SP: 73:2015
	14	5th Km Stone -New	Nos.	
	15	Ordinary Km Stone	Nos.	
	16	Hectometer Stone	Nos.	
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	20	Enamel Paint	Sqm	

New clause may be added after Para 14 of Annexure-I of Schedule B	15.0 Slope Protection Measures
	15.1.1 Breast Wall and Retaining Wall Following measures shall be adopted: Slope protection along hill slope side shall be with breast walls with PCC minimum M15 grade concrete. However, at the zones prone to sliding breast walls will be of sausage type (by stone-mesh gabions). Retaining wall has been considered at valley sides. The height of breast walls is varying from 1.5 m to 3m as per site requirement and to be finalized by consultation with Authority Engineers. The breast wall of height 3m has been considered if the height of hill cut is more than 9m and in this circumstances 3m berm with catch water drain is required to be provided. The maximum cut slope at hill side is 55° (0.7H to 1V).

	15.1.1.2 Embankment less than 3m in height shall be turfed as per MoRTH Specifications. 15.1.1.3 Vetiver Plantation, Hydro Seeding and Hydro Mulching etc or similar works is to be done for slope protection and site mitigation measure upto a height of 12-15 m all along the slopes in each cutting locations except hard rock location which needs to be protected with appropriate applicable technologies, if required.	
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Y.C Srivastava
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