

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP03: Rolling Stock			
ITEM NO.	REFERENCE CLAUSE/ SECTION	GENERAL BID BULLETIN CONTENTS	ADDENDUM/SUPPLEMENT
1	General Bid Bulletin No. 3, Annex "A", Item 23 Volume II, Section VI, Page TS-29, Clause 3.2.4: Wheel Unloading	<p><u>Clarification Request:</u> The maximum unloading limit is specified within 60% in this clause, however, the twist condition is unclear. The Bidder requests the Employer to provide the maximum cant gradient and the maximum track irregularity between the wheel-base for the bogie twist.</p> <p><u>Response:</u> Please refer to item 17, this Annex "A", GBB No. 3. Additionally, regarding track irregularity, the following applies:</p> <p>As per CP03, TS Clause 1.5 Route Data - Transition Curve Length: Maximum out of L1, L2, L3; L1=800C, L2=7.5CV, L3=6.75CdV</p> <p>The Track work subsystem shall liaise with the Rolling Stock for the relationship between permitted train speed, track radius and track cant.</p> <p>As per Technical Regulatory Standards on Japanese Railways - the maximum gradient of cant is 1/300 for a line section where the maximum wheelbase of the rolling stock traveling on the said curve is equal to or smaller than 2.5m. Therefore:</p> <p>Track irregularity: (1) Gauge: +0, -3mm (2) Cross Level: ±2mm (3) Longitudinal Level: ±2mm in 10m chord</p>	<p>The response is revised to read as follows:</p> <p>"Please refer to GBB No. 3, Annex "A", Item 17. Additionally, regarding cant gradient and track irregularity, the following applies:</p> <p>■Cant Gradient: (1) As per CP03, TS Clause 1.5 Route Data - Transition Curve Length: Maximum out of L1, L2, L3; L1=800C, L2=7.5CV, L3=6.75CdV (2) The Track work subsystem shall liaise with the Rolling Stock for the relationship between permitted train speed, track radius and track cant. (3) As per Technical Regulatory Standards on Japanese Railways - the maximum gradient of cant is 1/300 for a line section where the maximum wheelbase of the rolling stock traveling on the said curve is equal to or smaller than 2.5m.</p> <p>■Track Irregularity: (1) Gauge: +0, -3mm (2) Cross Level: ±2mm (3) Longitudinal Level: ±2mm in 10m chord (4) Lateral Alignment: ±2mm in 10m chord (5) Twist: ±4mm at 5m interval."</p>

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		(4) Lateral Alignment: $\pm 2\text{mm}$ in 10m chord (5) Twist: $\pm 4\text{mm}$ at 5m interval.	