

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP02: Elevated Structures and 3 Stations			
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
<i>TS 400</i>			
1	Page TS412-412(4), CHB Wall, Non-Load Bearing,(incl. Reinforcing Steel); 150mm	We propose to use local CMU that is compliant with ASTM and PSA standards, but equivalent to JIS A 5406.	CHB wall conforming to JIS A5406 or equivalent is acceptable.
<i>TS 500</i>			
2	Page TS500-45, Architectural Concrete Pavers	<u>Reference:</u> <i>"Average compressive strength of 8,000 psi (55 Mpa) with no individual unit under 7,200 psi (50 Mpa)."</i> May we know if it is required to use 8,000 psi for the interlocking concrete block pavers in Guiguinto Station. Because in the Philippines, normally the average strength of concrete pavers is 3,000 psi only. Please confirm.	The Bidder is requested to refer only to TS 500 Sub-Clause 504.2.2 as the requirement for Interlocking Concrete Paving Units.
3	Page TS500-45, Architectural Concrete Pavers	According to ICPI, their certification is only valid for North America and Canada, and not valid here in Philippines. On that matter, we would like to propose not to use an ICPI certified contractor.	In this case, the Bidder has to propose any other contractor certified by any other agency equally valid and accepted in the Philippines.
4	Page TS500-64, 506.2.3 Quality Assurance	<u>Reference:</u> <i>"1) Single Source Responsibility</i> <i>The Contractor shall obtain handrails and railing systems of each type and material from a single manufacturer"</i> We propose to have a separate subcontractor for glass and for railings since most of the subcontractors can only supply steel railings and the glass is supplied by another specialize subcontractor.	The Bidder's proposal is acceptable as long as it complies with TS500.

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5	Page TS500-212, Aluminum Composite Material	Elevation of Exterior Finishing shows that 4mm ACP will be used for canopy, but based from Bill of Quantities No. 3 and Decorative Fins Typical Details (NSCR-DWG-BAL-3454, NSCR-DWG-GUI-3454, & NSCR-DWG-MAL-3454), 25mm Honeycomb Panel will be used. Please clarify which clause will govern.	TS500, Sub-Clause 522.2 states that 25mm thk. Aluminum Composite Material (ACM) Honeycomb Panel for Fins (including framing and support) shall be used for all Stations, and TS500, Sub-Clause 522.5.2 Basis of Payment refers to Depot Pay Item D522 (2) which states that 4mm thk. NANO finish ACP with Polyvinylidene Difluoride (PVDF) coating on aluminum frame, wall cladding, ceiling & canopies (including framing and support) shall be used for Depot buildings.
Drawings			
Book 2 of 3			
6	Pages CP02-B2-014; CP02-B2-250; CP02-B2-510	According to General Notes(NSCR-DWG-BAL-AR-3006; NSCR-DWG-GUI-AR-3006; NSCR-DWG-MAL-AR-3006), thickness of core is 20mm while according to Section VI Work Requirements(522.2.1) and Decorative Fins Typical Details(NSCR-DWG-BAL-3454, NSCR-DWG-GUI-3454, & NSCR-DWG-MAL-3454), thickness is 25mm. Please clarify which clause will govern.	TS500, Clause 522.2 and 522.2.1 state that 25mm thk. Aluminum Composite Material (ACM) Honeycomb Panel for Fins (including framing & support) shall be used for all Stations. TS500, Clause 522.2.7.1.2 also states Panel Assembly for submittal of samples.
7	Pages CP02-B2-021; CP02-B2-027; CP02-B2-264; CP02-B2-520; and CP02-B2-524, All Station	It is stated in Cross Section (Blow up) (NSCR-DWG-AR-3123) that Ceiling Access Hatch is at every 10 meters but in Ceiling Pattern layout (NSCR-DWG-AR-3161) location is already provided which is not at every 10 meters. Please confirm which will govern.	Please consider the locations of ceiling access hatch provided in Drawing No. NSCR-DWG-AR-3161, Concourse Level (Lower & Upper Levels) Reflected Ceiling Plan in Book 2 of 3, Page CP02-B2-027.
8	Pages CP02-B2-021; CP02-B2-033; CP02-B2-270; CP02-B2-520; CP02-B2-530, All Station	It is stated in Cross Section (Blow up) (NSCR-DWG-AR-3123) that Floor Access Hatch is at every 10 meters but in Floor Pattern layout (NSCR-DWG-AR-3181) location is already provided which is not at every 10 meters. Please confirm which will govern.	Please consider the locations of floor access hatch provided in Drawing No. NSCR-DWG-AR-3181, Concourse & Platform Levels Floor Pattern Layout Plan in Book 2 of 3, Page CP02-B2-033.
9	Pages CP02-B2-036 and CP02-B2-274,	Floor finish for Emergency exit specified in Schedule of finishes (NSCR-DWG-AR-3201) are 600x600x12mm thk.	For Emergency Exit Stairs of all Stations, please use 600 x 600 x 12 mm thk. Granite tiles for stair landings; 300 x 600 x 12 mm

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	Balagtas and Guiguinto Station	granite tiles, 300x600x12mm thk. granite tiles w/ non-skid granite nosing, and 300x300x6mm unglazed ceramic tiles w/ nonskid nosing. Please specify which tiles will be used for stairs riser and thread.	thk. for stair treads and risers; and 30 mm thk. for non-skid nosing.
10	Page CP02-B2-115, CP02-B2-362 and CP02-B2-633, Balagtas, Guiguinto and Malolos Station	Please provide material details of the "preformed compressive material" with 100mm thick in between of face of concrete columns.	Please refer to TS 500, Clause 507.
11	Page CP02-B2-514, Malolos Station Architectural-Architectural Ground Level	Please provide details for Firewall (NSCR-DWG-MAL-AR- 3108)	The annotation "Fire Wall" has no relevance. The wall is a non-fire rated 200mm thk. CHB wall. The location of the wall is subject to finalization during construction stage.
Book 3 of 3			
12	Book 3 of 3, Pages CP02-B3-035, Drawing No. NSCR-DWG-MTS7-ST-4201, CP02-B3-099, Drawing No. NSCR-DWG-MTS8-ST-4201; and CP02-B3-164, Drawing No. NSCR-DWG-MTS9-ST-4201	<u>Reference:</u> <i>Note 3; Contractor shall determine the precast driven pile length based on the result of the soil survey and submit to the Engineer for Approval. Piling Method shall be such that generates less vibration and noise.</i> 1. Please provide pile load -capacity. 2. Please confirm to our proposal to use bored pile instead of PC Pile to minimize too much vibration and noise.	1. Please refer to TS 400, Page TS400-39, Clause 402.6.2. 2. The Engineer may accept Bored piles instead of the precast driven pile. The Contractor shall submit its proposal to the Engineer for approval.

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	Pre-Cast Concrete Piles		