

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP01: Elevated Structures, 7 Stations and Depot			
ITEM NO.	REFERENCE CLAUSE/SECTION	CLARIFICATION REQUEST	RESPONSE
1	General Bid Bulletin No. 4, Annex "A", item 10	<p><u>Clarification Request:</u> May the bidder understand that the Environmental Monitoring for each package will be limited to Sampling Station location as included in each package?</p> <p><u>Response:</u> Yes, formal (lab calibrated measurement) environmental monitoring is limited to the items listed and it should be noted that Table 3 refers to both noise and vibration.</p> <p>However, the Bidder should also note that the Contractor is required to monitor the environmental effects of construction as outlined in GS Clause 118.3 Contractor's Environmental Management and Monitoring Plan and GS Appendix 7.3, Annex 3.</p> <p>The Bidders Outline Contractor's Environmental Management and Monitoring Plan (CEMMP) will show how the Bidder intends to meet these requirements and some form of environmental monitoring is required at the construction zones, particularly with respect to noise and vibration.</p> <p>The Bidder should also note that in GS Clause 118.7 Special Provisions, GS Clause 118.7.1 PNR Old Stations; specific requirements for vibration monitoring in the vicinity of the old stations during high vibration operations is required.</p> <p>For clarity, GS Clause 118.5.1 Environmental Impact Self-</p>	<p>The revision to GS Clause 118.5.1 in the referenced response is further revised for clarity: "The Contractor shall conduct environmental monitoring throughout all stages of construction, of the water quality, air quality, noise and vibration, solid waste and hazardous wastes and contaminated soil at the locations and on the frequencies indicated in the tables below. Maps of these locations are contained in Annexes D and E of Appendix 7; <u>and solid and hazardous waste and contaminated soil.</u></p> <p>Monitoring Reports shall be in writing and submitted on quarterly basis. The Reports shall include a listing and summary of testing and monitoring results on all aspects <u>(the above monitoring but including environmental incidents/complaints and response, contaminated soil/hazardous waste disposal records, solid waste disposal records, PNR Old Station vibration monitoring records, other environmental monitoring results)</u>, including copies of the laboratory analysis results duly signed by the accredited environmental laboratory.</p> <p>The Contractor is recommended to employ a company who specializes in the monitoring and measurement of the environment items specified herein and shall obtain the Engineer's approval."</p>

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		<p>Monitoring Reports (page GS-61) is revised as follows: “The Contractor shall conduct environmental monitoring throughout all stages of construction, of the water quality, air quality, noise and vibration, solid waste and hazardous wastes and contaminated soil at the locations and on the frequencies indicated in the tables below. Maps of these locations are contained in Annexes D and E of Appendix 7.</p> <p>Monitoring Reports shall be in writing and submitted on quarterly basis. The Reports shall include a listing and summary of testing and monitoring results on all aspects <u>(the above monitoring but including environmental incidents/complaints and response, contaminated soil/hazardous waste disposal records, solid waste disposal records, PNR Old Station vibration monitoring records, other environmental monitoring results)</u>, including copies of the laboratory analysis results duly signed by the accredited environmental laboratory.</p> <p>The Contractor is recommended to employ a company who specializes in the monitoring and measurement of the environment items specified herein and shall obtain the Engineer’s approval.”</p>	