

Public Bidding No.: 19-041-4
Malolos-Clark Railway Project for Packages CP N-01, CP N-02 & CP N-03; Construction of Civil Structures: Viaducts, Bridges and Five Stations

Bid Clarification Requests
General Bid Bulletin No. 12

No.	Packages	Volume & Section No.	Page No.	Clause No./Title	Clarification Request	Bidder's Proposed Revised Text (if any)	Final Response
1	CP N-01 CP N-02	Vol.1A, Sec.4A BOQ	BOQ-8- 150	Bidding Forms – Bill of Quantities (BOQ)	We kindly request for the soft copy Excel Sheet of the BOQ as provided in Bid Addendum 1, as the existing Excel File is according to the originally published BOQ.		<i>Excel file will be provided under GBB No. 12 but PDF will govern.</i>
2	CP N-01	Drawings		Calumpit Station	We kindly request for the following details: 1. Dimensions on Drawings for Reference (i.e. Plumbing Blow-up, Isometric and General Layout) are missing. 2. Supply pumps and tanks locations missing. 3. Supply and branch pipes missing on layout, Specifically connections from toilets to hallway. 4. Installations Details for fixtures are missing. 5. Incomplete sizes of cold water lines (i.e. branch sizes and main supply pipes). 6. Specifications of materials. 7. Schematic Drawings missing. 8. Concourse Sanitary Layout Missing. 9. VSTR missing/not Reflected on platform level. 10. Scale for Isometric Drawings not specified. 11. Waterline blow-up layout missing.		<i>Note that all MEP drawings are to be read in conjunction with Architectural drawings and relevant technical specifications.</i> <i>Refer to the latest issued drawings.</i> <i>Vent through wall has been provided, not VSTR.</i>
3	CP N-01	Vol.2 Sec.6 Drawings		Apalit Station	We kindly request for the following details: 1. Connection/ miscellaneous details of fixtures 2. Dimension of Water line pipe diameter serving fixtures 3. Connection details/ Lay-out from toilets to hallways (Above ceiling) to city sewer (underground) 4. Sewer branches, collector pipe and stacks diameter missing. 5. Toilet Blow-up plans with complete label and dimension. 6. VSTR and vent stack location and diameter 7. Riser diagram / Schematic drawing. 8. Drawing Scale for Isometrics and Blow-up plan.		<i>Note that all MEP drawings are to be read in conjunction with Architectural drawings and relevant technical specifications.</i> <i>Refer to the latest issued drawings.</i> <i>Vent through wall has been provided, not VSTR.</i>

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4	CP N-02	Vol.2 Sec.6 Drawings		San Fernando Station	<p>We kindly request for the following details:</p> <ol style="list-style-type: none"> 1. Dimensions on Drawings for Reference (i.e. Plumbing Blow- up, Isometric and General Layout) are missing. 2. Supply pumps and tanks locations missing. 3. Supply and branch pipes missing on layout. 4. Installations Details for fixtures are missing. 5. Incomplete sizes of cold water lines (i.e. branch sizes and main supply pipes). 6. Specifications of materials. 7. VSTR missing/not Reflected on platform level. 8. Scale for Isometric Drawings not specified. <p>Waterline blow-up layout missing.</p>		<p><i>Note that all MEP drawings are to be read in conjunction with Architectural drawings and relevant technical specifications.</i></p> <p><i>Refer to the latest issued drawings.</i></p> <p><i>Vent through wall has been provided, not VSTR.</i></p>
5	CP N-01	Volume 2, Part II- Requirements, Section 6, Part 1, TS 405.5.4.4	TS400 -80	Placing Concrete in Hot Weather	<p>... When the outdoor ambient temperature is more than 32 degree Celsius, the temperature of the concrete as Qlaced shall not exceed 32 degree Celsius.</p> <p>The Bidder would like to request that the requirement of the concrete temperature as placed shall not exceed 35 degree Celsius instead of 32 degree Celsius since Philippines is hot country and under Japan specification, 35 degree Celsius is allowed during hot weather.</p>		<p><i>Please refer to TS200, 206.8.3 Hot Weather Protection.</i></p>

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6	CP N-01	Volume 2 Section 6 Apalit Station Drawing	MCRP-DWG- APA-ST- 4131/4141/4402 /4411		<p>In drawing no. MCRP-DWG-APA-ST-4131 and MCRP-DWG-APA-ST-4141, the dimensions of the following steel members are;</p> <p>RSG1 - W33x141 RSG2 - W33x141 PSG22 - BH-1200/600x400x22x32 SB40A - BH-400x200x12x25</p> <p>while in drawing MCRP-DWG-APA-ST-4402 and MCRP-DWG-APA-ST-4411 the dimensions are:</p> <p>RSG1 - W27x146 RSG2 - W27x146 PSG22 - BH-1200/600x400x22x40 SB40A - BH-400x850x25x22</p> <p>The Employer is kindly requested to advise the correct dimensions of the above mentioned steel members.</p>		<p><i>Correct sizes:</i></p> <p><i>RSG1 - W27x146</i> <i>RSG2 - W33x141</i> <i>PSG22 - BH-1200/600x400x22x40</i> <i>SB40A - BH-400x850x25x22</i></p> <p><i>Please refer to the latest issued drawings.</i></p>
7		DRG. NO. MCRP-DWG- VIA00-ST- 0603- 0672		Pier Type P1-P7 Reinforcement Details	<p>The "VERTICAL REINFORCEMENT- BAR SIZES" of below mentioned pier reinforcement types are not available in the drawings.</p> <p>P1-TYPE 28 P2 R9 -TYPE 1 R9 P7</p> <p>Please provide..</p>		<p><i>P1-Type 28 has been shown on drawing MCRP-DWG-VIA00-ST-0604</i></p> <p><i>P2 R9 - Type 1 R9 - has been shown on drawing MCRP-DWG-VIA00-ST-0603</i></p> <p><i>P7 - Vertical rebar's and types are same as P1.</i></p> <p><i>Please refer to the latest issued drawings.</i></p>

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8		MCRP-DWG-BC01-ST-2076,2077, MCRP-DWG-BC02-ST-3076,3077, MCRP-DWG-BC03-ST-4062,4063, MCRP-DWG-BC04-ST-5045,5046,5047 MCRP-DWG-BC05-ST-6076,6077		Pier Segment-Reinforcement Sheet	<p>The height of each BCM Pier Segment are variable according to the layout or segment concrete drawings in ITB. However, in the CAD drawings of BCM pier segment reinforcement, all the heights of pier segment are same.</p> <p>In this regard, the Employer is requested to clarify the dimension of BCM pier segment in reinforcement drawings.</p>		<p><i>The dimensions of the BCM pier segments shall follow relevant layout and segment drawings. The reinforcement drawings will be amended to match the same and will be issued under GBB No. 12.</i></p>
9	CP N-01 CP N-02 CP N-03	Volume 2, 7 Section 6, Part II, Drawing	DWG-VIA01-ST-0029/0035 DWG-VIA02-ST-0017/0036 Longitudinal Profile (12/76) (15/76) (30/76) (62/76)		<p>Longitudinal profile is different in Drawings and Topo survey report, especially, around P-158 to P-161, P-215 to P217, P-480 to P-482, and P-1049 to P-1050. Please clarify the exact longitudinal profile.</p>		<p><i>The longitudinal profile has been amended on drawing numbers</i></p> <ol style="list-style-type: none"> <i>1.MCRP-DWG-VIA01-ST-0028,0029,0035</i> <i>2.MCRP -DWG-VIA02-ST-0017</i> <i>3.MCRP-DWG-VIA03-ST-0036</i> <p><i>Please refer to latest drawings issued under GBB No. 8.</i></p>

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10	CP N-01 CP N-03		MCRP-DWG-VIA01-DR-0038		Please provide details of culverts		<i>Culverts will follow the same reinforcement detail as shown in VIA00-DR-0301 Type A -LDA 2019.05.02</i>
11	CP N-01		MCRP-DWG-VIA01-RD-2008 MCRP-DWG-VIA01-ST-0088 MCRP-DWG-VIA01-ST-0053~0056		Typical section for some locations is not identified in swampy area. ex. P-373 to P-397, P-398 to P-402 The some pilecaps especially for the above piers are located under water unlike other piers in swampy area. Please provide typical section and clarify exact elevation of pilecaps for the above locations.		<i>Proposed maintenance road on these areas has removed/deleted. Sheet MCRP-DWG-VIA01-RD-2008 has been deleted due to the above</i> <i>Typical section has been included under drawing MCRP-DWG-VIA01-ST-0089.</i>
12	CP N-01		MCRP-DWG-VIA01-RD-2008		Due to at grade re-grading works, some consolidation settlement is expected. Please let us know the client is in charge of consolidation settlement after completion of construction.		<i>Yes. However, the at grade re-grading works shall be checked and is subject to the approval of the Engineer.</i>
13	CP N-01 CP N-02		MCRP-DWG-VIA01-ST-0088		There is discrepancy between the drawing and BOQ, hand laid rock embankment vs. gabion mattress. Please clarify the slope protection method for embankment		<i>Hand laid rock is not applicable anymore based on the new detail drawing. There is a gabion mattress on both sides. The updated drawing and BOQ will be issued under GBB No. 12.</i>
14	CP N-02	Volume 2, Section 6, Part II, Drawing	MCRP-DWG-VIA02-ST-0012		The 'at grade re-grading works' covers the Masaluso river between P-437 and P-438, while the gabion mattress is installed in those piers. Please clarify whether the river is blocked by embankment.		<i>The river will not be blocked by embankment due to at-grade regrading works. At-grade regrading works will be terminated upon contact with the gabion mattress provided within the piers 437 and 438. Drawings will be updated to reflect these.</i>

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15	CP N-02	Volume 2, Section 6, Part II, Drawing	MCRP-DWGVIA02-RD-2003 MCRP-DWGVIA02-ST-0015		Due to at grade re-grading works, some consolidation settlement is expected, because the existing ground level is lower than the final ground level after at grade re-grading works. ex. P-459 Please let us know the client is in charge of consolidation settlement after completion of construction.		<i>Yes. However, the at grade re-grading works shall be checked and is subject to the approval of the Engineer.</i>
16	CP N-02	Volume 2, Section 6, Part II, Drawing	MCRP-DWGVIA02-RD-2003		The water level at right side of embankment is different in VIA02-RD-2003 and VIA-02-ST-0089. Please let us know which water level is correct. Ex. 0.3m vs 2.0m		<i>The water level in the drawing is indicative only.</i>
17	CP N-03	Volume 2, Section 6, Part II, Drawing	MCRP-DWGVIA03-DR-0138		Please provide details of culverts.		<i>Culverts will follow the same reinforcement detail as shown in VIA00-DR-0301 Type A -LDA 2019.05.02</i>
18	General	Volume 2, Section 6, Part I, TS100	TS100-25		The Engineer will designate as unsuitable those soils that cannot be properly compacted in embankments. Please provide the criteria for unsuitable soils		<i>Please refer to TS 100 for definition of unsuitable materials.</i>
19	General	Volume 2, Section 6, Part I, TS100	TS100-29		Suitable Material – Material which is acceptable in accordance with the Contract and which can be compacted in the manner specified in this section. It can be common material or rock. Please let us know whether materials except unsuitable material are the suitable material		<i>Please refer to TS 100 for definition of suitable material</i>

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20	General	Volume 2, Section 6, Part I, TS100 VIA00-ST-0701	119 Gabions and Mattress		<p>The length shall be 3.00m to 6.00m, the width shall be 2.00m and the height shall be 0.17m, 0.23m or 0.30m or as shown on the Drawings. The width of gabion mattress is 4m in the drawing</p> <p>There is a discrepancy about width of gabion mattress in TS100-119 and Drawing. Please clarify the width of gabion mattress.</p>		<i>TS 100, # 119.2.1 states: "The length shall be 3.00m to 6.00m, the width shall be 2.00m and the height shall be 0.17m, 0.23m or 0.30m or as shown on the Drawings". Drawings are dimensioned and therefore take precedence.</i>
21	General	Volume 2, Section 6, Part I, TS200	TS200-33		<p>201.4.2 Material Materials used for backfill for structure excavation other than pipe culvert shall conform to the requirements of TS 103.</p> <p>201.4.3 Backfill for Structures Excavated areas around structures shall be backfilled with free draining granular material approved by the Engineer</p> <p>There is discrepancy in backfill materials between 201.4.2 and 201.4.3. Please clarify backfill material for structures except pipe culvert and storm drains, metal culverts and concrete culverts.</p>		<i>Refer to revised Specification TS 200 # 201.4.2 and 201.4.3</i>
22	General	Volume 2, Section 6, Part II, Drawing	MCRP-DWGVIA00-ST-0320		<p>PILE TEST The maximum settlement at test load exceeds 12mm</p> <p>Please clarify the meaning of test load.</p>		<i>Test load is 1 x L2 Pile Earthquake loads as mentioned on the drawings.</i>
23	General	Vol. 2 Sec. 6 IB Technical Specifications 200	TS200-56	204.2.6.1/ Initial Load Test	<p>If the load test gives a capacity greater than 25 percent of the capacity calculated by static formula and if it is desired to take benefit of the higher capacity, another two load tests shall be carried out to confirm the earlier value and minimum of the three shall be considered.</p> <p>As per specification, if the load test gives a capacity greater than 25 percent of the capacity calculated by static formula, and if it is desired to take benefit of the higher capacity, who shall bear the cost and extended construction period? Please clarify it.</p>		<i>It is at the discretion of the Engineer. It does not necessarily transfer into extended construction periods or additional costs if the higher value is used, as it can further optimize elements ie reduce costs.</i>

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24	General	Vol. 2 Sec. 6 IB Technical Specifications 200	TS200-56	204.4.9/ Concrete Placement, Curing, and Protection	<p>For piles less than 2.5m in diameter, the elapsed time from the beginning of concrete placement in the shaft to the completion of placement shall not exceed 2 hours. For piles 2.50m and greater in diameter, the concrete placing rate shall not be less than 9.0m of pile height per each 2-hour period.</p> <p>The concrete mix shall be of such design that the concrete remains in a workable plastic state throughout the 2-hour placement limit.</p> <p>The volume of piles is depending on the diameter and length of pile. If 1.5m in diameter has long length, the volume will be increased. Therefore, sometimes there will be limitations to place concrete within 2 hours. Please revise this sentence.</p>		<i>The specification has been changed to remove the time ban.</i>
25	CP N-01 CP N-02 CP N-03	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0046 Plan btw P315 to P316	<p>DWG : refer to ground improvement drawings</p> <p>Please provide the ground improvement drawing or specific requirements for the future PNR freight track if that is the Contractor's scope of works. We could not any requirements/drawing in the bidding documents provided.</p>		<i>This note has been removed on MCRP-DWG-VIA01-ST-0046.</i>
26	CP N-01 CP N-02 CP N-03	Vol.2 Sec.6 Drawings			<p>With regard to dimension of PC Box section in the outline drawings, please clarify the followings:</p> <ol style="list-style-type: none"> 1. whether the external dimension of the box (visible part) can be adjusted 2. If external dimension is fixed, thickness change shall be made only from the inside? 3. If the locations of piers can be adjusted to modify the span length 		<i>Value Engineering is allowed under the contract subject to the approval of the Engineer.</i>
27	General	Site Data Land Resumption to be Acquired			We would like to inquire the updated status and progress of land acquisition as described in the drawing.		<i>Please refer to the "Status of Land Acquisition Drawings" issued under GBB No. 9.</i>

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28	General	Vol.1A Sec.4A BOQ (Addendum 1)			If available, please provide the detailed number of furnitures, electrical appliances and vehicles for the Engineer's use.		<i>Refer to Appendix 5 of GS.</i>
29	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0105-0113	Pile EQ Loads are not provided for P159-161, 207, 208, 215, 216, 261, 262, 404, 405. Please provide pile EQ loads.		<i>Please refer to latest issued drawings.</i>
30	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST - 0028/0029 MCRP-DWG-VIA00-ST -0701	Around P-158 to P-159 and P-160 to P-161, the height of river bank is over than 5m but gabion mattresses does not have a benching. Gabion mattress has a benching if the height of river bank is over than 5m in MCRP-DWG-VIA00-ST-0701. Please clarify which drawing contractor shall follow.		<i>Benching shall be provided as indicated in VIA00-ST-0701</i>
31	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0088 MCRP-DWG-VIA01-RD-2008	The distance between pile cap and drainage box is not same in drawings (1 vs 500). Please clarify exact value.		<i>This drawing has been updated. Correct distance from this drawing is 500 mm.</i>
32	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0049 MCRP-DWG-VIA01-ST-0088	Some pile caps are located at the slope of existing embankment and most pile caps in swampy area has 3 piles in section view. In other words, typical section for swampy area is not matched to most pile cap in swampy area. ex) P-342 (Sta. 48+225) Please provide typical sections where pile cap is not located within existing embankment.		<i>Typical section has been included under drawing MCRP-DWG-VIA01-ST-0089.</i>
33	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0028 MCRP-DWG-VIA00-ST-0701	The length of gabion mattress around P-158 and P-159 is not shown in the drawing. Please clarify the length of gabion mattress.		<i>Please refer to VIA-01-ST-028</i>
34	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0029 MCRP-DWG-VIA00-ST-0701	The length of gabion mattress around P-160 and P-161 is different in PLAN (87.4m) and ELEVATION. Please clarify the length of gabion mattress.		<i>Please refer to VIA-01-ST-029</i>

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35	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA01-ST-0040 MCRP-DWG-VIA00-ST-0701	The height of river bank near P-261 is over than 5m but gabion mattress does not have a benching. Gabion mattress has a benching if the height of river bank is over than 5m in MCRP-DWG-VIA00-ST-0701. Please clarify which drawing contractor shall follow.		<i>Benching shall be provided as indicated in VIA00-ST-0701</i>
36	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA-ST-0053 to 0056	In the Drawings, it is noted that the "DECK DRAINAGE IS ELEVATED" in the area from P-372 to P-401. (1) Please clarify what the "Deck drainage" indicates. (2) Please clarify to which level it shall be elevated.		<i>1. These sections have the pipes installed in the superstructure instead of at-grade rectangular channels. 2. Elevations of these pipes can be found in the drainage drawings.</i>
37	CP N-01	Vol.2 Sec.6 Drawings Book_1_VIA09_ Add-1F-5A MAINTENANCE ROAD			Access through ROW In the case that a temporary embankment is proposed in order to execute the Substructure at the sections mentioned above: CP-01: - 49+200 to 50+370 - 50+390 to 50+580 - 50+700 to 50+760 Please confirm if the Contractor is obliged to remove any required temporary embankment for the works and reinstate the area affected to its original state, or otherwise, leave the embankment in place.		<i>The Contractor is obliged to remove all his temporary works unless otherwise agreed by the Engineer.</i>
38	CP N-01	Vol.2 Sec.6 Drawings Book_1_VIA09_ Add-1F-5A MAINTENANCE ROAD	Maintenance Road Typical Cross Section 6 of 6		Please confirm what is the correct data of the water Level at the Swampy Area from these 2 documents: - According to Typical Cross Section of the reference drawing: 0.3 m above mean sea level - According to Drawings MCRP-DWG-VIA01-ST-54: 0.8m estimated water level in fishpond/swamp		<i>Water level in the drawings are just indicative</i>
39	CP N-02	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA02-ST-0101 to 0107	Pile EQ Loads are not provided for P-458, 459, 468, 469, 632, 633. Please provide pile EQ loads.		<i>Please refer to latest drawings</i>

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40	CP N-02	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA02-ST-0014 MCRP-DWG-VIA02-ST-0089	Some pile caps are located at the slope of existing embankment and most pile caps in swampy area has 3 piles in section view. In other words, typical section forswampy area is not matched to most pile cap in swampy area. ex) P-455 (Sta. 52+740) Please provide typical sections where pile cap is not located within existing embankment.		<i>Typical section has been included under drawing MCRP-DWG-VIA01-ST-0089.</i>
41	CP N-02	Vol.2 Sec.6 Drawings & Supp. Info. for CP N-03	MCRP-DWG-VIA02-ST-0056 & ER27	B3. Critical Programme Requirements	Please clarify who will take the work scope of pile, pile cap and pier column at P825. It is written in Vol.2, Sec.6, Part III, supplementary information for CP N-03 that Pier 825 is constructed under CP N-02, but under CP N-03 in the drawing.		<i>Please follow the drawing for this interface</i>
42	CP N-03	Vol.2 Sec.6 Drawings	MCRP-DWG-VIA03-ST-0101 to 0111		Pile EQ Loads are not provided for P-1049, 1050, 889, 890, 1092, 1093. Please provide pile EQ loads.		<i>Please refer to latest issued drawings</i>
43	CP N-03	Vol.2 Sec.6 Drawings	MCRP-DWG-CLA-AR-3021		In GBB7 Annex A, it is noted that the Lift Station near the P-1109 is not relocated. However, the location of Lift Station is covered by the granite brick pavement in the Drawing. Please clarify this discrepancy between the GBB7 and the Archi. Drawing.		<i>There was an error in the location of the lift station in the Architectural Drawings (CLA-AR-3701). The lift station will not be relocated. Please refer to latest issued drawings.</i>
44	CP N-03	Vol.2 Sec.6 Drawings 1_VIA09_Add- 1F-1A VIA03	ST-0038		WASTERWAYS STREET TO BE CLOSED(KM.76+664.062) Please clarify this road will be closed.		<i>MCRP-DWG-VIA03-ST-0038 has been amended. Waterways to be kept open. Note was deleted on the drawing.</i>

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45	CP N-03	Vol.2 Sec.6 Drawings 1_VIA-09_Add- 1F 4A DRAINAGE SAPANG BALEN	1-16		Drainage Sapang Balen Will be the required lands for all Drainage Sapang Balen permanent works part of the ROW before the MCRP contractor starts the project construction?		<i>Basically, the river area (inside the natural river bank) is within the boundary of DPWH and permanent works parts is in it. As there are some private lands, the site is acquired and it becomes project ROW.</i>
46	General	Vol.2 Sec.6 Drawings			Please provide the details of foundation work for battery post and substation.		<i>Please refer to latest issued drawings</i>
47	General	Vol.2 Sec.6 Drawings	MCRP-DWG- VIA00-ST-0701		At top and bottom of gabion mattresses, about 1m of gabion mattress is embedded into the ground along the flow direction. Please clarify 1m embedding of gabion mattress into the ground is necessary in both sides vertical to the flow direction.		<i>Yes, this is required.</i>
48	General	Vol.1A Sec.4A BOQ	BOQ-17	No. 3 Part B. Extra Over for Breaking Out Obstructions	For item no. 204(8), please provide data related to the quantity of extra over for breaking out obstructions if any.		<i>Please refer to latest issued BoQ.</i>
49	General	Vol.2 Sec.6 Drawings			Please provide structure and piling layout drawing for substation, battery post, signaling house and un-provided drawings for station.		<i>Please refer to latest issued drawings</i>
50	CP N-01	Vol.2 Sec.6 TS 100_Addendum- 1-Final	TS100-47	108/ PORTLAND CEMENT CONCRETE PAVEMENT	This specification describes the slip form paving method. Please clarify that the maintenance road follows this specification.		<i>Slip form is preferred, however the contractor may recommend an alternative which must meet the same criteria and testing requirements.</i>
51	General	"CP N-02 Addendum-1 General Updates_Rev- 29-Mar-2019"			The file "CP N-02 Addendum-1 General Updates_Rev29-Mar-2019" summarising the changes in CP N-02 contains clarification No.25 which refers to "Part III(A) Scope of Works 2.4.1 Provision of Land Page ER 21" whereby "Sketch 2.4.1" is replaced by another sketch. Please confirm that this replacement is for CP N-01 instead of CP N-02.		<i>Yes it is typo. It's for CP N-01</i>


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52	CP N-01	Drawings		Calumpit and Apalit Stations	<p>Wall finishes; Please provide the location of the following: CHB Composite Aluminum Wall Panels Baking Fluoresin Paint Finish with Metal Framing</p> <p>Floor and Wall finishes of the following: Substation/Gen ISER/Battery Post</p> <p>GFRC Details</p>		<p><i>1. CHB - Substations, SIG/COM/RAIL buildings, ISER, and Battery Post; CIA (not included in CP N01-03)</i></p> <p><i>2. Composite Al Wall Panels - deleted; currently have Aluminum Expanded Wall</i></p> <p><i>3. Floor & Wall Finishes:</i> <i>a. Substation: MCRP-DWG-PSS-AR-3601</i> <i>b. ISER: MCRP-DWG-SIG-AR-3601</i> <i>c. Battery Post: MCRP-DWG-BP-AR-3601</i> <i>d. SIG/COM/RAIL: MCRP-DWG-STA-AR-3702</i></p> <p><i>4. GFRC Details: MCRP-DWG-[station]-AR-3511</i></p>
53	CP N-01	Vol.1A Sec.4A BOQ	BOQ11		Works instructed for Protection and/or Remedial Works to Old PNR Stations and Bridges. The Bidder understands that this will be paid by PS. However, Bill No.8, the PS-3 item was strikethrough. Please clarify.		<i>Please refer to latest issued BoQ</i>
54	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA00-ST-0321 to 0322	In drawing nos. MCRP-DWG-VIA00-ST-0321 and 0322, only the Pile Reinforcement Type for Pier Type P1 (Table 1) and Pier Type P2 (Table 2) are shown. Please provide also the table showing Pile Reinforcement Type for Pier Types P7, 5A, 5B, 5C and 5D).		<i>The Pile Reinforcement for P7 is same as P1, P5D pile reinforcement has been shown on VIA00-ST-646.</i>
55	CP N-01	Vol.2 Sec.6 Drawings		MCRP-DWG-VIA-ST-0101 to 0114	In the Pier Schedule given in drawing nos. MCRP-DWG-VIAST-0101 to 0114, the Pile Reinforcement Type in each pier is not mentioned. Please provide or clarify which drawing should be referred to identify the type of pile reinforcement in each pier.		<i>Please refer to drawings MCRP-DWG-VIA00-ST-0321 and 0322. Tables in the drawings show the reinforcement number.</i>
56	CP N-01 CP N-02 CP N-03	Vol.2 Sec.6		TS100-25	<p>The Engineer will designate as unsuitable those soils that cannot be properly compacted in embankments.</p> <p>Please provide the criteria for unsuitable soils.</p>		<i>Please refer to TS 100 for definition of unsuitable material</i>

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57	CP N-01	General Bid Bulletin No.8 Vol. 2 Sec. 6 Part III Supplementary Information	ER 21	2.4.1 Provision of Land	<p>Sketch 2.4.1 – Area Potentially Available for CP N-01 Temporary Facilities</p> <p>The Sketch 2.4.1 area is located in CP N-03, Please clarify the location of CP N-01 Temporary Facilities.</p>		<p><i>Please see the sketch below for the proposed land for contractor located at KM 39+300 Please refer to GBB No. 12.</i></p> 
58	CP N-01	General Bid Bulletin No.9 Volume 2, Section 6 III Supplementary Information	ER 23	B.1.2	<p>"The dates upon which all areas shall be made available with all obstructions cleared is given by reference to the "Batch" dates shown on the Table given on Figure B.1.2.1 below."</p> <p>"..., the various encumbrances shown on the "Status of Land Acquisition Drawings" No 22 to 30 shall not finally be cleared until 31 July 2020."</p> <p>Both reference texts seems in conflict. "The dates upon which all areas shall be made available with all obstructions cleared is given by reference to the "Batch" dates shown on the Table given on Figure B.1.2.1 below." means full access and possession with all obstructions cleared will be granted on the "Batch" dates and "..., the various encumbrances shown on the "Status of Land Acquisition Drawings" No 22 to 30 shall not finally be cleared until 31 July 2020." means encumbrances doesn't be cleared until "Batch" date.</p> <p>Please kindly clarify.</p>		<p><i>The "Status of Land Acquisition Drawings" shows the land available for construction at commencement date and various encumbrances including the buildings/structures, and the land to be acquired for MCRP ROW. And the figure B.1.2.1 and 1.2.2 shows the dates for full possession of the site without encumbrances for each "batch".</i></p>

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59	CP N-01	Vol.1 Sec.1	ITB 12	19.3 Bid Security/Bid Securing Declaration	For Unincorporated Joint Ventures, it is unlikely that banks will provide a bank guarantee or an irrevocable letter of credit for the Bidder. We would like to kindly ask if you will allow for a Bid Security to be 100% under the name of one of the members of the Joint Venture, and/or each member provide partial amounts that total the required amount.		<i>ITB 19.8 states that the Bid Security can be in the name of any or all of the JV partners. So a single partner can provide the Bid Security, provided BDS 19.4 is satisfied.</i>
60	CP N-01 CP N-02 CP N-03	Volume 2 Section 6 ERQ (CP N-01 Vol.2 Sec.6 III Supplementary Info20190510 (ER24)) (CP N-02 Vol.2 Sec.6 III Supplementary Info20190510 (ER24)) (CP N-03 Vol.2 Sec.6 III Supplementary Info20190510 (ER26))		B 1.2 Work Areas Access Dates Commencement Date	Access to and possession of the site area dates have been given in addendum 3. Should the contractor assume that commencement date is Jul 31 2020 for programme purposes in the Tender? Otherwise, could you please define the commencement date?		<i>Please refer to GCC 8.1 for the Commencement of Works. It is Employer's intention to commence the work as soon as GCC 8.1 is satisfied. The "Status of Land Acquisition Drawings" shows the land available for construction at commencement date and various encumbrances including the buildings/structures, and the land to be acquired for MCRP ROW. And the figure B.1.2.1 and 1.2.2 shows the dates for full possession of the site without encumbrances for each "batch".</i>

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61	CP N-01 CP N-02 CP N-03	Volume 2 Section 6 ERQ (CP N-01 Vol.2 Sec.6 III Supplementary Info20190510 (ER24)) (CP N-02 Vol.2 Sec.6 III Supplementary Info20190510 (ER24)) (CP N-03 Vol.2 Sec.6 III Supplementary Info20190510 (ER26))		B 1.2 Work Areas Access Dates Commencement Date	If the commencement date is before November 30 2020, please confirm if there will be any revision of the Key Dates		<i>Refer to GBB No. 12.</i>
62	CP N-01 CP N-03	Volume 2 Section 6 ERQ (CP N-01 Vol.2 Sec.6 III Supplementary Info20190510 (ER24)) (CP N-03 Vol.2 Sec.6 III Supplementary Info20190510 (ER26))	26	B 1.2 Work Areas Access Dates	Do we have to do test piles in the areas to be handed over to us on November 30 2020? If so, can we access those areas to do pile tests before the mentioned date?		<i>The pile test can only be carried out in the possessed area. The Engineer will instruct the pile test details.</i>

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63	CP N-01 CP N-02 CP N-03	Volume 2 Section 6 ERQ Drawings	MCRP-DWG- VIA00-ST-1652- Rev.2	MCRP-DWG-VIA00-ST- 1652-Rev.2	It is found that the size of bored pile has been changed to D800 from D1000 for Emergency Staircase however, the BOQ item 204(2)a is not amended accordingly. Please clarify.		<i>BoQ is correct. D1000 bored piles are used for the Emergency Stair. Drawing is revised in GBB No. 12.</i>
64	CP N-03	Volume 2 Section 6 ERQ (CP N-03 Vol.2 Sec.6 III Supplementary Info20190510)	27	B 1.2 Work Areas Access Dates	The work area access date for the purple area inside CP N-03 is marked as N/A but on the summary of land area table in page 27, the available area inside of the ROW is 100%. Can we suppose that this area is accessible from the commencement date?		<i>Yes.</i>
65	CP N-03	Volume 2 Section 6 ERQ (CP N-03 Vol.2 Sec.6 III Supplementary Info20190510)	27	B 1.2 Work Areas Access Dates	The work area access date for Clark Station of the red area inside CP N-03 is marked November 30 2020 but on the summary of land area table in page 27, the available area inside of the ROW is 100%. Can we suppose that this area is accessible from the commencement date?		<i>Please refer to the "Status of Land Acquisition" Drawings for land available immediately from the commencement date</i>

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66	General	Volume 2 Section 6 ERQ	CP N-01: ER23 CP N-02: ER22 CP N-03: ER25	B1.2	<p>"Within 14 days from the date the Contractor receives the letter issued by the Engineer under the provisions of Clause 8.1 of the General Conditions of Contract</p> <p>...</p> <p>The actual date(s) of handover shall be notified by the Engineer to the Contractor who shall thereupon formally take possession of and assume full responsibility for those areas and thereafter, shall commence and progress the Works in accordance with the terms of the Contract and the accepted Programme."</p> <p>AND</p> <p>"Figure B1.2.1 and 1.2.2 – Works Area Access Dates"</p> <p>1. It is requested to clarify that which date is the official commencement date from belows;</p> <p>a. The date the Contractor receives the letter issued by the Engineer under the provisions of Clause 8.1 of the GCC</p> <p>b. The actual date(s) of handover</p> <p>c. The date shown in Figure B1.2.1.</p> <p>2. If "the date the Contractor receives the letter" or "the actual date(s) of handover" is earlier than the date shown in Figure B1.2.1, it is kindly requested for the Employer to extend the Key Dates to be counted from the date shown in Figure B1.2.1, since the partial site access and possession prevent the Contractor from complying with the Contract and the accepted Programme</p> <p>3. If the Employer is considering "the date shown in Figure B1.2.1" as the official commencement dates, please clarify that there are four official commencement dates, since there are four Batches in Figure B1.2.1.</p>		<p><i>1. The official commencement date refers to a. The date the Contractor receives the letter issued by the Engineer under the provisions of Clause 8.1 of the GCC</i></p> <p><i>2. The Key Dates will be revised and issued under GBB No. 12.</i></p> <p><i>3. Not applicable</i></p>
67	General	Volume 2 Section 6 ERQ	CP N-01: ER16 CP N-02: ER15 CP N-03: ER16	2.2.2.3	<p>Access to those rooms showing a Key Date will be required for Interfacing Contractors to commence, continue and/or complete aspects of their installation work, and the date may carry a Liquidated Damage (LD) in the event that access is not made available.</p> <p>Please clarify whether the LD imposed on the Contractor will be 0.05% of the Accepted Contract Amount per day, even though the Contractor fails to achieve the Key Date of only one room belong to the Station Rooms in clause 2.2.2.3.</p> <p>If not so, please let us know the LD corresponding to each Station Room.</p>		<p><i>The LD's apply to each room, so they will apply if only one room is not achieved.</i></p>

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68	General	Volume 3 Section 8 PCC	PCC3	8.7 & 14.15(b) / Delay damages for the Works	<p>Five hundredths of a percent (0.05%) of the Accepted Contract Amount per day for the completion of the whole of Works and for delay in achieving each Key Date for the respective elements of the Works, in the currencies and proportions in which the Accepted Contract Amount is payable.</p> <p>Please clarify that the Maximum amount of the LD for the Works per day will be 0.05% of the Accepted Contract Amount, when the Contractor does not comply with several Key Dates on the same day.</p> <p>i.e. If the Contractor fails to achieve KD 01-2, KD 01-3 and KD 02-2 at the same time. the LD will be 0.15% / day (0.05% / day x 3 items) or 0.05% / day</p>		<i>The LD will be 0.05%/day/item. ie. 0.15% / day for 3 items.</i>
69	CP N-01	Vol.1 Sec.3 Vol.1 Sec.4	EQC 20 and BF 19	2.3.3 Financial Resources and Form FIN-3 Availability of Financial Resources	<p>Bidders must demonstrate sufficient financial resources, usually comprising of Working Capital supplemented by credit line statements or overdraft facilities and others to meet the Bidder's financial requirements...</p> <p>If the Bidder's Working Capital taken from FIN-1 exceeds USD60 Million, the Bidder does not need to provide/submit Credit Line Statement from the Bank.</p>		<i>The bidder must meet the requirement of financial resources stated in the bidding documents.</i>
70	CP N-01	Vol.IA Sec.4A	BOQ-27,61 (MCRP-DWG-CAL-AR-3201) (MCRP-DWG-APA-AR-3201)	Aluminum Composite Panel	It is indicated in the BOQ (20190425 MCRP CP N-01 BD Add2 R2) that there is Composite Aluminum Wall Panels Baking Fluororesin Paint Finish with Metal Framing, but not shown in the drawing. Please provide its location.		<i>The composite aluminum wall panels was deleted and replaced by Perforated Glass Fiber Reinforced Concrete Panels With Clear Urethane Paint Finish And Mounting Metal Fitting + Precast Concrete Wall Panels With Semi-Transparent Water Repellent Finish. Drawings will be revised and will be issued under GBB No. 12.</i>
71	CP N-01	TS 500 Tensile Membrane Roof Structure	TS 500-268	523 Tensile Membrane Roof Structure	<p>In TS 523.1.1, 2nd paragraph reads:</p> <p>"Membrane supplier has experience of manufacturing and installing polytetrafluoroethylene (PTFE) tensile membrane structures for over 20 years all over the world (including Philippines), and has installed at more than twenty (20) MRT stations by using TiO2 membrane roof structure."</p> <p>May the Employer accept to relax the requirement for the manufacturer of PTFE? See proposed revised text.</p>	Membrane supplier has experience of manufacturing and installing polytetrafluoroethylene (PTFE) tensile membrane structures for over 20 years all over the world (including Philippines) and has experience in installation of TiO2 membrane roof structure.	<i>Revised as follows: "Membrane supplier has experience of manufacturing and installing polytetrafluoroethylene (PTFE) tensile membrane structures for over 20 years all over the world (including Philippines) and has experience in installation of TiO2 membrane roof structure."</i>