

<b>North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP02: Elevated Structures and 3 Stations</b>		
<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/SECTION</b>	<b>REVISIONS/AMENDMENTS</b>
<i>Volume IA, Part 1 – Bill of Quantities</i>		
1	Section IV, Page BOQ-15, item 206 (10)a	Blinding Layer Concrete/Lean Concrete, 20 MPa for Bridge and Viaduct, <u>including below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</u>
2	Section IV, Page BOQ-75, item 206 (10)b	Blind Layer Concrete/Lean Concrete 15 MPa for Earth Retaining System (GRS method) Including <del>Sand layer</del> <u>(t=150mm)below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</u>
3	Section IV, Page BOQ-78, item 206 (10)c	Blind Layer Concrete/Lean Concrete 15 MPa for Drainage Channel in Main Line and Depot Including <del>Compacted Sand Layer</del> <u>(t=150mm)below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</u>
4	Section IV, Page BOQ-25, 43, 59, 78, 84, 92, 99, item 405(16)	Blind Layer Concrete/ <del>(Lean Concrete)</del> , 15 MPa <u>for Drainage Channel in Main Line and Depot, including</u> <del>Compacted Sand Layer</del> <u>(t=150mm)below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</u>
5	Section VI, TS 200 Page 180 Clause 206.17.2 Basis of Payment	xxx  In addition, payment for precast concrete members shall be considered to be full compensation for the cost of all other items embedded in the member and for the erection of the members except for all reinforcing steel and prestressing material embedded in the precast members which shall be paid for under other bid items in the contract documents.  <u>The Quantities of the Blind Layer Concrete/Lean Concrete in items 206(10)a, 206(10)b, 206(10)c, 206(10)d, 206(10)e below include only concrete. The underlying layers are considered incidental to the Work.</u>

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6	Section VI, TS 200, Page TS200-181 Clause 206.17.2, Table for Blinding Layer Concrete / Lean Concrete	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">Blinding Layer Concrete / Lean Concrete,</td> </tr> <tr> <td style="width: 10%; text-align: center;">206 (10)a</td> <td>Blinding Layer Concrete/Lean Concrete, 20 MPa for Bridge and Viaduct, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic Meters</td> </tr> <tr> <td style="text-align: center;">206 (10)b</td> <td>Blind Layer Concrete/Lean Concrete 15 MPa for Earth Retaining System (GRS method), including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic meter</td> </tr> <tr> <td style="text-align: center;">206(10)c</td> <td>Blind Layer Concrete/Lean Concrete 15 MPa for Drainage Channel in Main Line and Depot, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic meter</td> </tr> <tr> <td style="text-align: center;">206(10)d</td> <td>Blind Layer Concrete/Lean Concrete 15 MPa for Structure in Depot Detention Basin, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic meter</td> </tr> <tr> <td style="text-align: center;">206(10)e</td> <td>Blind Layer Concrete/Lean Concrete 15 MPa for Drainage Channel in Main Line and Depot, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic meter</td> </tr> </table>	Blinding Layer Concrete / Lean Concrete,			206 (10)a	Blinding Layer Concrete/Lean Concrete, 20 MPa for Bridge and Viaduct, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic Meters	206 (10)b	Blind Layer Concrete/Lean Concrete 15 MPa for Earth Retaining System (GRS method), including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic meter	206(10)c	Blind Layer Concrete/Lean Concrete 15 MPa for Drainage Channel in Main Line and Depot, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic meter	206(10)d	Blind Layer Concrete/Lean Concrete 15 MPa for Structure in Depot Detention Basin, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic meter	206(10)e	Blind Layer Concrete/Lean Concrete 15 MPa for Drainage Channel in Main Line and Depot, including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic meter
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7	Section VI, TS400, Page TS400-19, Clause 401.3.7	Access tubes for cross-hole sonic log testing shall be steel pipe of 3.6mm minimum wall thickness and at least <del>138.1</del> <u>138.1</u> mm inside diameter.																		
8	Section VI, TS 400, Page TS400-26, Clause 401.4.11, Table 401.4-1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Table 401.4-1 Bored Pile Construction Tolerance</th> </tr> <tr> <td style="width: 80%;">Bored Pile Diameter</td> <td style="text-align: center;">Tolerance</td> </tr> <tr> <td>Less than or equal to 600 mm</td> <td style="text-align: center;">75mm</td> </tr> <tr> <td>Greater than 600 mm and less than <u>or equal to</u> 1500 mm</td> <td style="text-align: center;">100mm</td> </tr> <tr> <td>Greater than 1500 mm</td> <td style="text-align: center;">150mm</td> </tr> </table>	Table 401.4-1 Bored Pile Construction Tolerance		Bored Pile Diameter	Tolerance	Less than or equal to 600 mm	75mm	Greater than 600 mm and less than <u>or equal to</u> 1500 mm	100mm	Greater than 1500 mm	150mm								
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9	Section VI, TS 400 Page 86 Clause 405.9.2 Basis of Payment	xxx  Payment shall consist full compensation of furnishing, placing and finishing concrete including all labor, tools and incidentals such as fromwork, any other not indicated BOQ items on the drawing necessary to complete the work prescribed in the item.  <u>The Quantities of the Blind Layer Concrete/Lean Concrete in item 405(16) below include only concrete. The underlying layers are considered incidental to the Work.</u>									
10	Section VI, TS 400, Page TS400-89, Clause 405.9.2	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Pay Item Number</th> <th style="width: 65%;">Description</th> <th style="width: 20%;">Unit of Measurement</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> <tr> <td style="text-align: center;">405(16)</td> <td>Blinding Concrete (Lean Concrete), 15 Mpa including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings</td> <td style="text-align: center;">Cubic Meter</td> </tr> </tbody> </table>	Pay Item Number	Description	Unit of Measurement	xxx			405(16)	Blinding Concrete (Lean Concrete), 15 Mpa including <del>compacted sand layer (150mm)</del> below layers' ground treatment such as sand, hard core, gravel layer either stipulated on the drawings	Cubic Meter
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11	Section VI, TS 600, Pages TS600-43 to TS600-60	Please also refer to Annex "C" of this GBB for the revisions on Pages TS600-43 to TS600-60.									
12	Section VI, TS 600, Page TS600-143	<p><b>611 AIR COOLED SPLIT TYPE AIR-CONDITIONING UNIT/<u>PRECISION-TYPE A/C SYSTEM</u></b></p> <p><b>611.1 The Work</b> The works of this section covered the specifications includes all labor, materials, equipment, services, facilities and all items necessary to complete testing, inspections and commissioning of air cooled split type air conditioning unit/<u>precision-type A/C System</u>.</p> <p style="text-align: center;">xxx</p> <p><b>611.1.2 Submittals</b></p> <p>1) Field Test and Commissioning Reports shall be submitted. Indicate and interpret test results for compliance with performance requirements.</p>									

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		2) Maintenance Data: For split-system air-conditioning units/ <u>precision-type A/C Systems</u> to include in maintenance manuals. xxx
13	Section VI, TS 600, Page TS600-148	<b>611.3.5 Demonstration</b> Engage a factory-authorized service representative to train the Employer's maintenance personnel to adjust operate, and maintain split-system air-conditioning units/ <u>precision-type A/C Systems</u> .