

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

Volume Ia, Part 1 – Bill of Quantities

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------------|---|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|
| 1 | Section IV, Page BOQ-7 | <p align="center"><i>Volume Ia, Part 1 – Bill of Quantities</i></p> <p>SUB-STATIONS</p> <p align="center">xxx</p> <p>GRAND TOTAL BID PRICE</p> | | | | | | | | | | | | | | | | | | |
| 2 | Section IV, Page BOQ-10 | TOTAL (GENERAL REQUIREMENTS), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | | | | | | | |
| 3 | Section IV, Page BOQ-15 | <table border="1"> <tr> <td data-bbox="917 660 989 862">206 (10)a</td> <td data-bbox="917 862 989 2139">Blinding Layer Concrete/Lean Concrete, 20 MPa for Bridge and Viaduct, including compacted sand layer (150mm)^f</td> </tr> </table> | 206 (10)a | Blinding Layer Concrete/Lean Concrete, 20 MPa for Bridge and Viaduct, including compacted sand layer (150mm) ^f | | | | | | | | | | | | | | | | |
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| 4 | Section IV, Pages BOQ-16 to BOQ-17 | <table border="1"> <tr> <td data-bbox="821 660 861 862">216(13-10)a</td> <td data-bbox="821 862 861 2139">Seismic Restrainer, Type 1, 180mmφ Steel Pin</td> </tr> <tr> <td data-bbox="782 660 821 862">216(13-10)b</td> <td data-bbox="782 862 821 2139">Seismic Restrainer, Type 2, 200mmφ Steel Pin</td> </tr> <tr> <td data-bbox="742 660 782 862">216(13-10)c</td> <td data-bbox="742 862 782 2139">Seismic Restrainer, Type 3, 220mmφ Steel Pin</td> </tr> <tr> <td data-bbox="702 660 742 862">216(13-10)d</td> <td data-bbox="702 862 742 2139">Seismic Restrainer, Type 4, 240mmφ Steel Pin</td> </tr> <tr> <td data-bbox="662 660 702 862">216(13-10)e</td> <td data-bbox="662 862 702 2139">Seismic Restrainer, Type 5, 265mmφ Steel Pin</td> </tr> <tr> <td data-bbox="622 660 662 862">216(13-10)f</td> <td data-bbox="622 862 662 2139">Seismic Restrainer, Type 6, 295mmφ Steel Pin</td> </tr> <tr> <td data-bbox="582 660 622 862">216(13-10)g</td> <td data-bbox="582 862 622 2139">Seismic Restrainer, 450×2600mm Steel Pin</td> </tr> <tr> <td data-bbox="542 660 582 862">216(13-10)h</td> <td data-bbox="542 862 582 2139">Seismic Restrainer, 600×3900mm Steel Pin</td> </tr> <tr> <td data-bbox="502 660 542 862">216(13-10)i</td> <td data-bbox="502 862 542 2139">Seismic Restrainer, 700×3900mm Steel Pin</td> </tr> </table> | 216(13-10)a | Seismic Restrainer, Type 1, 180mmφ Steel Pin | 216(13-10)b | Seismic Restrainer, Type 2, 200mmφ Steel Pin | 216(13-10)c | Seismic Restrainer, Type 3, 220mmφ Steel Pin | 216(13-10)d | Seismic Restrainer, Type 4, 240mmφ Steel Pin | 216(13-10)e | Seismic Restrainer, Type 5, 265mmφ Steel Pin | 216(13-10)f | Seismic Restrainer, Type 6, 295mmφ Steel Pin | 216(13-10)g | Seismic Restrainer, 450×2600mm Steel Pin | 216(13-10)h | Seismic Restrainer, 600×3900mm Steel Pin | 216(13-10)i | Seismic Restrainer, 700×3900mm Steel Pin |
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| 216(13-10)i | Seismic Restrainer, 700×3900mm Steel Pin | | | | | | | | | | | | | | | | | | | |
| 5 | Section IV, Page BOQ-20 | TOTAL (VIADUCT & BRIDGES), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | | | | | | | |
| 6 | Section IV, Page BOQ-21 | TOTAL (STATIONS), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | | | | | | | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | | | | |
|----------|---|---|---------|---|--|---------|---|--------------------------|----------------|--|--------|---|--|---|
| 7 | Section IV, Page BOQ-53 | <table border="1"> <tr> <td>621(15)</td> <td>Elevator for Guiguinto Station (EL-1), 1050Kg Capacity (Furnished, & Installed With RAMS)</td> <td></td> </tr> <tr> <td>621(16)</td> <td>Elevator for Guiguinto Station (EL-2), 1050Kg Capacity (Furnished, & Installed With RAMS)</td> <td></td> </tr> <tr> <td>622(14)</td> <td>Escalator for Guiguinto Station, Rise=5.64m (Furnished, & Installed With RAMS)</td> <td></td> </tr> <tr> <td>622(15)</td> <td>Escalator for Guiguinto Station, Rise=8.14m (Furnished, & Installed With RAMS)</td> <td></td> </tr> </table> | 621(15) | Elevator for Guiguinto Station (EL-1), 1050Kg Capacity (Furnished, & Installed With RAMS) | | 621(16) | Elevator for Guiguinto Station (EL-2), 1050Kg Capacity (Furnished, & Installed With RAMS) | | 622(14) | Escalator for Guiguinto Station, Rise=5.64m (Furnished, & Installed With RAMS) | | 622(15) | Escalator for Guiguinto Station, Rise=8.14m (Furnished, & Installed With RAMS) | |
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| 622(15) | Escalator for Guiguinto Station, Rise=8.14m (Furnished, & Installed With RAMS) | | | | | | | | | | | | | |
| 8 | Section IV, Page BOQ-55 | SUB-TOTAL (PART E... | | | | | | | | | | | | |
| 9 | Section IV, Page BOQ-61 | <table border="1"> <tr> <td></td> <td>Steel Windows</td> <td></td> <td></td> </tr> <tr> <td>527(1)</td> <td>Type "A" Louver Aerofoil</td> <td>m²</td> <td>417.31</td> </tr> <tr> <td>527(4)</td> <td>Aluminum Louver (Furnished, Fabricated & Installed)</td> <td>m²</td> <td>-</td> </tr> </table> | | Steel Windows | | | 527(1) | Type "A" Louver Aerofoil | m ² | 417.31 | 527(4) | Aluminum Louver (Furnished, Fabricated & Installed) | m ² | - |
| | Steel Windows | | | | | | | | | | | | | |
| 527(1) | Type "A" Louver Aerofoil | m ² | 417.31 | | | | | | | | | | | |
| 527(4) | Aluminum Louver (Furnished, Fabricated & Installed) | m ² | - | | | | | | | | | | | |
| 10 | Section IV, Page BOQ-71 | 622(17) Escalator for Malolos Station, Rise=8.74m (Furnished, & Installed With RAMS) | | | | | | | | | | | | |
| 11 | Section IV, Page BOQ-74 | <table border="1"> <tr> <td>201(3)a</td> <td>Structures Excavation for Earth Retaining Wall (GSR Method)</td> <td></td> </tr> <tr> <td></td> <td align="center">xxx</td> <td></td> </tr> <tr> <td>228(1)ed</td> <td>Jet Grouting, 2500mm Ø</td> <td></td> </tr> </table> | 201(3)a | Structures Excavation for Earth Retaining Wall (GSR Method) | | | xxx | | 228(1)ed | Jet Grouting, 2500mm Ø | | | | |
| 201(3)a | Structures Excavation for Earth Retaining Wall (GSR Method) | | | | | | | | | | | | | |
| | xxx | | | | | | | | | | | | | |
| 228(1)ed | Jet Grouting, 2500mm Ø | | | | | | | | | | | | | |
| 12 | Section IV, Pages BOQ-77 | TOTAL (ELEVATED EMBANKMENT/EARTH-RETAINING SYSTEM), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | |
| 13 | Section IV, Page BOQ-79 | TOTAL (DRAINAGE, CP02), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | |
| 14 | Section IV, Page BOQ-80 | BILL No. 6 SUMMARY OF BILL No. 6 (1) THROUGH... xxx TOTAL COST FOR BILL NO. 6 (SUB-STATIONS), CARRIED FORWARD TO THE GENERAL SUMMARY | | | | | | | | | | | | |

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| 15 | Section IV, Pages BOQ-81 to BOQ -88, Heading | BILL OF QUANTITIES No. 6 SUMMARY OF BILL No. 67 (1) | | | | | | | | | |
| 16 | Section IV, Pages BOQ-86, BOQ-94, and BOQ-101 | <table border="1" style="width:100%"> <tr> <td style="width:33%">D506</td> <td style="width:33%">D506(53)</td> <td style="width:33%">Maintenance Ladder</td> </tr> </table> | D506 | D506(53) | Maintenance Ladder | | | | | | |
| D506 | D506(53) | Maintenance Ladder | | | | | | | | | |
| 17 | Section IV, Pages BOQ-89 to BOQ -95, Heading | <p align="center">BILL OF QUANTITIES No. 6 SUMMARY OF BILL No. 67 (2)</p> <p align="center">... SUB-STATION 8 (PR6-108 TO PR6-110) PR5-102 TO PR5-104)</p> | | | | | | | | | |
| 18 | Section IV, Pages BOQ-96 to BOQ -104, Heading | <p align="center">BILL OF QUANTITIES No. 6 SUMMARY OF BILL No. 67 (32)</p> <p align="center">SUB-STATION 9 (PR7-73 TO PR7-75) PR5-102 TO PR5-104)</p> | | | | | | | | | |
| 19 | Section IV, BOQ-104 | <table border="1" style="width:100%"> <tr> <td align="center" colspan="3">xxx</td> </tr> <tr> <td colspan="3">SUB-TOTAL (PART F-MISCELLANEOUS STRUCTURES)</td> </tr> <tr> <td colspan="3">TOTAL (MAINLINE TRACTION SUB-STATION 9)</td> </tr> </table> <p align="center"><i>Volume II, Part 2 – Works Requirements</i></p> | xxx | | | SUB-TOTAL (PART F-MISCELLANEOUS STRUCTURES) | | | TOTAL (MAINLINE TRACTION SUB-STATION 9) | | |
| xxx | | | | | | | | | | | |
| SUB-TOTAL (PART F-MISCELLANEOUS STRUCTURES) | | | | | | | | | | | |
| TOTAL (MAINLINE TRACTION SUB-STATION 9) | | | | | | | | | | | |
| 20 | GS 100, Page GS-23 Section 108.2 | <p>Upon completion of the Engineer's site offices the Contractor shall provide brand new SUV Type vehicles and brand new motorcycles for the use of the Engineer's Inspectors. The quantity, type and specification of the vehicles and motorcycles isare listed in Appendix 5. The vehicles and motorcycles shall remain available until the end of the Defects Notification Period.</p> <p>The vehicles and motorcycles shall be solely for the use of the Engineer's staff and if purchased, shall be handed over to the Employer, in good working order, at the end of the Defects Notification Period.</p> <p>The provision of the vehicles and motorcycles shall include all running and maintenance costs (fuel, maintenance, insurance, tax, lubricants, cleaning, maintenance, repairs and replacement, if necessary).</p> | | | | | | | | | |
| 21 | GS 100, Page GS-219, Appendix 5, Section 2.0 | <p>Engineer Vehicles</p> <p>As a minimum, supply the following vehicles, including fuel supply toll charges, parking fee, drivers fee and maintenance:</p> | | | | | | | | | |

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| 22 | TS 100 Page TS100-53 Section 107 | <p align="center">107 SUB-BALLAST / AGGREGATE BASE COURSE</p> <p><i>All "Sub-ballast" referred to in this Section, except the Pay Item Table in Section 107.4.2, shall be read as "Sub-ballast / Aggregate Base Course"</i></p> <p>For CP01; 1633 (ea) Pick-up Truck, 5-seater, 2000 cc minimum, 4WD (Engineer) 7 (ea) Pick-up Truck, 5-seater, 2000 cc minimum, 4WD (Employer) For CP02; 1012 (ea) Pick-up Truck, 5-seater, 2000 cc minimum, 4WD (Engineer) 3 (ea) Pick-up Truck, 5-seater, 2000 cc minimum, 4WD (Employer)</p> | | | | | | | | | | |
| 23 | TS 100 Page TS100-85 Section 109.1 | <p>1) Undertrack drainage of surface stormwater from within the NSCRP NSCR ROW.</p> | | | | | | | | | | |
| 24 | TS 100 Page TS100-86 Section 109.3.1 1 st sentence | Trenches shall be excavated in accordance with the requirements of Section 201102, Structure Excavation and Backfill, ... | | | | | | | | | | |
| 25 | TS 100 Page TS100-93 Section 110.3.3 Last Sentence | ... in accordance with Section 201102, Structure Excavation and Backfill. | | | | | | | | | | |
| 26 | TS 100 Page TS100-169 Section 133.4.1 | The quantity of sprigging to be paid for shall be the number of units of 100 square meters, measured on the ground surface, completed and accepted. | | | | | | | | | | |
| 27 | TS 100 Pages TS100-213 to TS-100-214 Section 143.6.1 3 rd Paragraph and 4 th Paragraph | <p>Distribution Pump system will be measured by Lumps Summ and payment will be made by the table below:</p> <table border="1" data-bbox="202 1198 515 2154"> <thead> <tr> <th data-bbox="379 1198 459 1619">Payment Percentage</th> <th data-bbox="379 1619 459 2154">Item Deliverables</th> </tr> </thead> <tbody> <tr> <td data-bbox="339 1198 379 1619">10%</td> <td data-bbox="339 1619 379 2154">Of the Contract Price upon Award, acceptance, signing, notice to proceed</td> </tr> <tr> <td data-bbox="300 1198 339 1619">40%</td> <td data-bbox="300 1619 339 2154">Materials and Equipment Delivery and Acceptance at Site</td> </tr> <tr> <td data-bbox="260 1198 300 1619">25%</td> <td data-bbox="260 1619 300 2154">Installation of Devices, Equipment and Appurtenances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc.</td> </tr> <tr> <td data-bbox="202 1198 260 1619">10%</td> <td data-bbox="202 1619 260 2154">Testing, Commissioning, Acceptance and Handover.</td> </tr> </tbody> </table> | Payment Percentage | Item Deliverables | 10% | Of the Contract Price upon Award, acceptance, signing, notice to proceed | 40% | Materials and Equipment Delivery and Acceptance at Site | 25% | Installation of Devices, Equipment and Appurtenances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc. | 10% | Testing, Commissioning, Acceptance and Handover. |
| Payment Percentage | Item Deliverables | | | | | | | | | | | |
| 10% | Of the Contract Price upon Award, acceptance, signing, notice to proceed | | | | | | | | | | | |
| 40% | Materials and Equipment Delivery and Acceptance at Site | | | | | | | | | | | |
| 25% | Installation of Devices, Equipment and Appurtenances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc. | | | | | | | | | | | |
| 10% | Testing, Commissioning, Acceptance and Handover. | | | | | | | | | | | |

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| | | <table border="1"> <tr> <td>5%</td> <td>As Built Drawings</td> </tr> <tr> <td>10%</td> <td>Retention</td> </tr> </table> <p>Measurement for all testing, inspections and commissioning shall not be made paid, it shall be considered as included in the related Pay Item."</p> | 5% | As Built Drawings | 10% | Retention | | | | | | | | | | |
| 5% | As Built Drawings | | | | | | | | | | | | | | | |
| 10% | Retention | | | | | | | | | | | | | | | |
| 28 | TS 100 Page TS100-218 Section 144.6.1 4 th and 5 th Paragraph | <p>Waste Water Treatment Plant will be measured by Lump Sum... and payment will be made by the table below:</p> <table border="1"> <thead> <tr> <th>Percentage Payment</th> <th>Item Deliverables</th> </tr> </thead> <tbody> <tr> <td>10%</td> <td>Of the Contract Price upon Award, acceptance, signing, notice to proceed</td> </tr> <tr> <td>40%</td> <td>Materials and Equipment Delivery and Acceptance at Site</td> </tr> <tr> <td>25%</td> <td>Installation of Devices, Equipment and Appliances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc.</td> </tr> <tr> <td>10%</td> <td>Testing, Commissioning, Acceptance and Handover.</td> </tr> <tr> <td>5%</td> <td>As Built Drawings</td> </tr> <tr> <td>10</td> <td>Retention</td> </tr> </tbody> </table> <p>Measurement for all testing, inspections and commissioning shall not be made paid, it shall be considered as included in the related Pay Item.</p> | Percentage Payment | Item Deliverables | 10% | Of the Contract Price upon Award, acceptance, signing, notice to proceed | 40% | Materials and Equipment Delivery and Acceptance at Site | 25% | Installation of Devices, Equipment and Appliances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc. | 10% | Testing, Commissioning, Acceptance and Handover. | 5% | As Built Drawings | 10 | Retention |
| Percentage Payment | Item Deliverables | | | | | | | | | | | | | | | |
| 10% | Of the Contract Price upon Award, acceptance, signing, notice to proceed | | | | | | | | | | | | | | | |
| 40% | Materials and Equipment Delivery and Acceptance at Site | | | | | | | | | | | | | | | |
| 25% | Installation of Devices, Equipment and Appliances: Support Hangers, Ducts, Pumps, ACU, Generators, Air Duct, Plenums, etc. | | | | | | | | | | | | | | | |
| 10% | Testing, Commissioning, Acceptance and Handover. | | | | | | | | | | | | | | | |
| 5% | As Built Drawings | | | | | | | | | | | | | | | |
| 10 | Retention | | | | | | | | | | | | | | | |
| 29 | TS 200 Page TS200-52 Section 204.4.3.2 | <p>Time of Removal When concrete strength tests are used for removal of forms and supports, such removal should not begin until the concrete has attained either the percentage of the specified design strength shown in the table below or as specified on the drawings.</p> | | | | | | | | | | | | | | |
| 30 | TS 200 Page TS200-61 Section 204.2.5, item 1) | <p>...If slurry is used to construct the shafts, the slurry manufacturer's representative and the Contractor's employee trained in the use of the slurry. As as identified by the Engineer shall attend, in accordance with Section 204.4.3.4.1-204.2.3 shall attend.</p> | | | | | | | | | | | | | | |
| 31 | TS 200 Page TS200-62 Section 204.2.6 | <p>204.2.6 Drilled Holes Not Used. All holes for concrete piles cast in drilled holes shall be drilled dry to the tip elevations shown on the Drawings. All holes will be examined for straightness and any hole which on visual inspection from the top shows less than one half the diameter of the hole at the bottom of the hole will be rejected. Suitable casings shall be furnished and placed when required to prevent caving of the hole before concrete is placed.</p> | | | | | | | | | | | | | | |

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| | | <p>All loose material existing at the bottom of the hole after drilling operations have been completed shall be removed before placing concrete.</p> <p>The use of water for drilling operations or for any other purpose where it may enter the hole will not be permitted. All necessary action shall be taken to prevent surface water from entering the hole and all water which may have infiltrated into the hole shall be removed before placing concrete.</p> <p>Concrete shall be placed by means of suitable tubes. Prior to the initial concrete set, the top 3m of the concrete-filled pile or the depth of any reinforcing cage, whichever is greater, shall be consolidated by acceptable vibratory equipment.</p> <p>Casing, if used in drilling operations, may be left in place or removed from the hole as concrete is placed. The bottom of the casing shall be maintained not more than 1.5m nor less than 0.3m below the top of the concrete during withdrawal and placing operations unless otherwise permitted by the Engineer. Separation of the concrete during withdrawal operations shall be avoided by vibrating the casing.</p> |
| 32 | <p>TS 200 Page TS200-62, and TS200-63, Section 204.2.6.1.1, Header Numbering and 8th Paragraph</p> | <p>204.2.6.1.1204.2.6.1 Drilled Shafts</p> <p>The center-to-center spacing between shafts is normally restricted to a minimum of $3B/3D$, where D is the diameter of the pile, to minimize...</p> |
| 33 | <p>TS 200 Page TS200-66 Section 204.2.7.1 1st Paragraph</p> | <p>...Initial load test shall be referred to Static Load Test in Section 204.7.2204.2.7.2</p> |
| 34 | <p>TS 200 Page TS200-66 Section 204.2.7.2 2nd Paragraph Last Paragraph Page TS200-67</p> | <p>...The equipment to conduct the static load test shall be supplied by the entity specified in the contract documents</p> <p style="text-align: center;">XXX</p> <p>The minimum number of tests to be conducted for confirming the capacity and their locations shall be as indicated on the contract as directed and approved by the Engineer.</p> |

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| 35 | TS 200 Page TS200-67 Section 204.2.7.3 2 nd Paragraph | High Strain Pile integrity tests shall be carried out on 10% of the piles in accordance with the requirements of ASTM D4945. The location of the test piles shall be proposed by the Contractor and as directed by the Engineer. The Contractor shall prepare the top of piles for the required instrument attachment as directed by the Engineer. |
| 36 | TS 200 Page TS200-67 Section 204.2.7.4 2 nd Paragraph | The number of piles to be tested by this method shall be 3% of all piles or as proposed by the Contractor and agreed with as designated by the Engineer, prior to commencement of any piling works on-site. |
| 37 | TS 200 Page TS200-69 Section 204.3.5 1 st Paragraph | ... Only synthetic slurry systems which have been approved by the Employer/Engineer may be used... |
| 38 | TS 200 Page TS200-70 Section 204.3.7 2 nd Paragraph | ... The access tubes shall be fitted with watertight threaded caps on the bottom and the top. The access tubes are considered to be incidental to the bored pile construction. |
| 39 | TS 200 Page TS200-73 Section 204.4.4 Last sentence | ... Contractor shall remove, bypass or break up the obstruction under the provisions of Section 204.5.2.4. |
| 40 | TS 200 Page TS200-74 Section 204.4.6 1 st Paragraph, last sentence. | ... A sample set shall be composed of samples taken at mid-height and within 600 mm. of the bottom of the storage area. |
| 41 | TS 200 Pages TS200-76 Section 204.4.9 4 th Paragraph, last sentence | ... Responsibility for setting for testing costs, and calculation of time extension, shall be in accordance with Section 204.4.12. |
| 42 | TS 200 Pages TS200-80 | "Trial bored/Bored piles that are installed prior to installation of contract bored piles for the purpose of demonstrating to the Engineer/engineer the adequacy of the methods proposed shall not be measured per each number of bored pile installed" |

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|-----------------|--|---|
| 43 | Section 204.5.1.1 TS 200 Pages TS200-80 Section 204.5.1.2 | successfully for payment and are considered to be incidental to bored pile construction." 204.5.1.2 Geotechnical Works (Boring Test Confirmation Boreholes) |
| 44 | TS 200 Page TS200-80 Section 204.5.1.4 | Geotechnical Works (Boring Tests Confirmation Boreholes) shall be done prior to bored pile excavation. The top elevation shall be defined as ground surface at the time carrying the boring test Confirmation Boreholes. The bottom of elevation shall be defined as the bottom of the boring Confirmation Boreholes. 204.5.1.4 Permanent casing Not Used. |
| 45 | TS 200 Page TS200-81 Section 204.5.1.7 | Furnishing and placing permanent casing shall be measured by the number of linear meter of each diameter of required permanent casing installed as specified in Section 204.3.3. The upper limit of casing payment shall be defined as the lower of: 1) Original ground or 2) Base of footing; If excavated prior to bored pile installation, the lower limit shall be the elevation indicated in the Contract Plans. CSL tests shall be measured per pile for tests accepted by the Engineer by the linear meter of tube furnished and installed. |
| 46 | TS 200 Page TS200-81 Section 204.5.2.1 | 204.5.2.1 Test Piles Not Used. |
| 47 | TS 200 | Trial bored piles shall be paid on the basis of number of bored piles directed by the Engineer and installed successfully. Payment for trial bored piles shall include mobilization, excavation and disposal of drill spoil, furnishing, mixing, placing, maintaining, containing, collecting, and disposing of all mineral, synthetic, and water slurry and disposal of all excavated materials, temporary casing, concrete, and reinforcing steel, if necessary. 204.5.2.2 Geotechnical Works (Boring Test Confirmation Boreholes) |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-----------------|-------------|---------------------|--------|----------------------------|--------------|--------|---|------|-----|--|--|--|--|-------------------|---------------------------------|-----|-----|------|--------------------------|
| 48 | TS 200 Page TS200-81 Section 204.5.2.3 | Geotechnical Works (Boring Tests Confirmation Boreholes) carried out at the direction of the Engineer shall be paid based on the number of boring test Confirmation Boreholes carried out and approved by the Engineer. Payment for the item concrete bored piles east in drilling hole shall be per linear meter for each diameter. Such payment includes all costs in connection with mobilization, excavation and disposal of drill spoil, furnishing, mixing, placing of concrete, maintaining, containing, collecting, and disposing of all mineral, synthetic, and water slurry and disposal of all excavated materials, concrete and reinforcement. Temporary casing... | | | | | | | | | | | | | | | | | | | | |
| 49 | TS 200 Page TS200-81 Section 204.5.2.4 | Payment for removing bore pile shaft obstructions shall be made for the changes in shaft construction methods necessary to remove the obstruction based on hours spent at contract bid rates through a Provisional Sum. | | | | | | | | | | | | | | | | | | | | |
| 50 | TS 200 Page TS200-82 Section 204.5.2.5 | 204.5.2.5 Permanent Casing Furnishing and Placing Not Used. Payment for the item "Furnishing and Placing Permanent Casing For 1500mm Diameter Bored Pile" shall be paid per linear meter. | | | | | | | | | | | | | | | | | | | | |
| 51 | TS 200 Page TS200-82 Section 204.5.2.8 | Payment for the item "CSL Access Tube" shall be paid per linear meter installed. Payment shall be made under: | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | |
| 52 | TS 200 Page TS200-116 Section 206.2.2 Table 206.2-1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Pay Item Number</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Unit of Measurement</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">204(1)</td> <td style="text-align: center;">Test Piles 1500mm diameter</td> <td style="text-align: center;">Linear meter</td> </tr> <tr> <td style="text-align: center;">204(2)</td> <td style="text-align: center;">Geotechnical Works (Boring Test Confirmation Boreholes)</td> <td style="text-align: center;">Each</td> </tr> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Table 206.2-1 Classification of Normal Weight Concrete</th> </tr> <tr> <th style="text-align: center;">Class of Concrete</th> <th style="text-align: center;">Consistency Range in Slump (mm)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">xxx</td> <td style="text-align: center;">xxx</td> </tr> <tr> <td style="text-align: center;">Seal</td> <td style="text-align: center;">100 to 200 125 to 230</td> </tr> </tbody> </table> | Pay Item Number | Description | Unit of Measurement | 204(1) | Test Piles 1500mm diameter | Linear meter | 204(2) | Geotechnical Works (Boring Test Confirmation Boreholes) | Each | xxx | | | Table 206.2-1 Classification of Normal Weight Concrete | | Class of Concrete | Consistency Range in Slump (mm) | xxx | xxx | Seal | 100 to 200 125 to 230 |
| Pay Item Number | Description | Unit of Measurement | | | | | | | | | | | | | | | | | | | | |
| 204(1) | Test Piles 1500mm diameter | Linear meter | | | | | | | | | | | | | | | | | | | | |
| 204(2) | Geotechnical Works (Boring Test Confirmation Boreholes) | Each | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | |
| Table 206.2-1 Classification of Normal Weight Concrete | | | | | | | | | | | | | | | | | | | | | | |
| Class of Concrete | Consistency Range in Slump (mm) | | | | | | | | | | | | | | | | | | | | | |
| xxx | xxx | | | | | | | | | | | | | | | | | | | | | |
| Seal | 100 to 200 125 to 230 | | | | | | | | | | | | | | | | | | | | | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | | | | | | | | | | | |
|--|--|--|-------------------------|--|--|-------------------------|---|--|--|--|-------------------------|---|-------------------------|---|-----------------------------|-----------------------|-------------------|-----------------------------------|---------------------|-------|----------------|
| 53 | TS 200 Page TS200-117 Section 206.2.3 Table 206.2-2 | <p align="center">Table 206.2-2 Concrete Strength</p> <table border="1"> <thead> <tr> <th>Element</th> <th>Class of Concrete to DPWH Specification</th> <th>Minimum Compressive Strength of 150×300 Cylinder Specimen at 28 days</th> <th>Slump</th> </tr> </thead> <tbody> <tr> <td>Pre-stressed Concrete Box Girder (Service)</td> <td>Class P</td> <td>50 MPa</td> <td>mm 50-100 200 max</td> </tr> <tr> <td>Pre-stressed Concrete Box Girder (Transfer)</td> <td>Class P</td> <td>50</td> <td>50-100 200 max</td> </tr> <tr> <td>All other structures except Piles</td> <td>Class P</td> <td>40</td> <td>50-100-200 max</td> </tr> </tbody> </table> <p align="center">xxx</p> | | | | Element | Class of Concrete to DPWH Specification | Minimum Compressive Strength of 150×300 Cylinder Specimen at 28 days | Slump | Pre-stressed Concrete Box Girder (Service) | Class P | 50 MPa | mm 50-100 200 max | Pre-stressed Concrete Box Girder (Transfer) | Class P | 50 | 50-100 200 max | All other structures except Piles | Class P | 40 | 50-100-200 max |
| Element | Class of Concrete to DPWH Specification | Minimum Compressive Strength of 150×300 Cylinder Specimen at 28 days | Slump | | | | | | | | | | | | | | | | | | |
| Pre-stressed Concrete Box Girder (Service) | Class P | 50 MPa | mm 50-100 200 max | | | | | | | | | | | | | | | | | | |
| Pre-stressed Concrete Box Girder (Transfer) | Class P | 50 | 50-100 200 max | | | | | | | | | | | | | | | | | | |
| All other structures except Piles | Class P | 40 | 50-100-200 max | | | | | | | | | | | | | | | | | | |
| 54 | TS 200 Page TS200-121 Section 206.4.2 Table 206.4-1 | <p align="center">Table 206.4-1 Normal-Weight Concrete Slump Test Limits</p> <table border="1"> <thead> <tr> <th>Type of Work</th> <th>Nominal Minimum Slump (mm)</th> <th>Maximum Slump (mm)</th> </tr> </thead> <tbody> <tr> <td>Formed Elements: Section Over 300mm thick Sections 300mm thick or less</td> <td>25 to 75mm 75mm 25 to 100mm 100mm</td> <td>125mm 125mm 125mm</td> </tr> <tr> <td>Cast in Place Piles and drilled shafts not vibrated</td> <td>125 to 200mm</td> <td>230mm</td> </tr> <tr> <td>Concrete placed under water</td> <td>125 to 200mm 125mm</td> <td>230mm</td> </tr> <tr> <td>Filling for riprap</td> <td>75 to 180mm 75mm</td> <td>200mm</td> </tr> </tbody> </table> | | | | Type of Work | Nominal Minimum Slump (mm) | Maximum Slump (mm) | Formed Elements: Section Over 300mm thick Sections 300mm thick or less | 25 to 75mm 75mm 25 to 100mm 100mm | 125mm 125mm 125mm | Cast in Place Piles and drilled shafts not vibrated | 125 to 200mm | 230mm | Concrete placed under water | 125 to 200mm 125mm | 230mm | Filling for riprap | 75 to 180mm 75mm | 200mm | |
| Type of Work | Nominal Minimum Slump (mm) | Maximum Slump (mm) | | | | | | | | | | | | | | | | | | | |
| Formed Elements: Section Over 300mm thick Sections 300mm thick or less | 25 to 75mm 75mm 25 to 100mm 100mm | 125mm 125mm 125mm | | | | | | | | | | | | | | | | | | | |
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| Concrete placed under water | 125 to 200mm 125mm | 230mm | | | | | | | | | | | | | | | | | | | |
| Filling for riprap | 75 to 180mm 75mm | 200mm | | | | | | | | | | | | | | | | | | | |
| 55 | TS 200 Page TS200-126 Section 206.5.6.1 Table 206.5-1 | <p align="center">Table 206.5-1 Frequency of Testing</p> <table border="1"> <thead> <tr> <th>Characteristic Analyzed</th> <th>Minimum Frequency of Test</th> </tr> </thead> <tbody> <tr> <td>Slump</td> <td>One per batch of concrete truck</td> </tr> </tbody> </table> <p align="center">xxx</p> | | | | Characteristic Analyzed | Minimum Frequency of Test | Slump | One per batch of concrete truck | | | | | | | | | | | | |
| Characteristic Analyzed | Minimum Frequency of Test | | | | | | | | | | | | | | | | | | | | |
| Slump | One per batch of concrete truck | | | | | | | | | | | | | | | | | | | | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | |
|----------|---|--|---------------------------------|--|
| 56 | TS 200 Page TS200-172 Section 206.16.6.2.6 | Removal of Forms and Falsework When concrete strength tests are used for removal of forms and supports, such removal should not begin until the concrete has attained either the percentage of the specified design strength shown in the table below or as specified on the drawings. | | |
| 57 | TS 200 Pages TS200-189 to TS200-190 Section 207.11 Table 207.11-1 | Table 207.11-1 Reinforcing Bars Nominal Weight and Areas | | |
| | Bar Size (Metric mm) | Linear Mass Density (kg/m) | Nominal Area (mm ²) | |
| | #66 | 0.2490.222 | 3228 | |
| | #4010 | 0.5600.617 | 7479 | |
| | #4312 | 0.9940.888 | 129113 | |
| | #4616 | 1.5521.578 | 199201 | |
| | #2020 | 2.2352.466 | 284314 | |
| | #2222 | 3.0423.261 | 387415 | |
| | #2525 | 3.9733.853 | 510491 | |
| | #2928 | 5.0604.834 | 645616 | |
| | #3232 | 6.404 6.313 | 819804 | |
| | #3636 | 7.9077.990 | 10061018 | |
| | #4340 | 11.389.864 | 14521257 | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | |
|----------|--|---|--|------|
| 58 | TS 200 Page TS200-322 Section 216.13.2 | Pay Item Number | Description | |
| | | xxx | Unit of Measurement | |
| | | 216(13)216(13)a | Seismic Restrainer Type 1, 180mmØ Steel Pin | Each |
| | | 216(13)b | Seismic Restrainer, Type 2, 200mmØ Steel Pin | Each |
| | | 216(13)c | Seismic Restrainer, Type 3, 220mmØ Steel Pin | Each |
| | | 216(13)d | Seismic Restrainer, Type 4, 240mmØ Steel Pin | Each |
| | | 216(13)e | Seismic Restrainer, Type 5, 265mmØ Steel Pin | Each |
| | | 216(13)f | Seismic Restrainer, Type 6, 295mmØ Steel Pin | Each |
| | | 216(13)g | Seismic Restrainer, 450 x 2600mm Steel Pin | Each |
| | | 216(13)h | Seismic Restrainer, 600 x 3900mm Steel Pin | Each |
| 216(13)i | Seismic Restrainer, 700 x 3900mm Steel Pin | Each | | |
| xxx | | | | |
| 59 | TS 400, Page TS400-15 to TS400-16 Section 401.2.6.2 2 nd Paragraph | ...ASTMD1143/D1143M. The equipment to conduct the static load test shall be supplied by the entity specified by the Drawings. The Contractor shall... | | |
| 60 | TS 400, Page TS400-16 Section 401.2.6.2 Last Paragraph | The minimum number of tests to be conducted for confirming the capacity shall be 2% of all piles shown on the Drawings (fractional number rounded up to the next higher integer number): | | |
| 61 | TS 400, Page TS400-16 Section 401.2.6.3 2 nd Paragraph | High Strain Pile integrity tests shall be carried out on 10% of the piles in accordance with the requirements of ASTM D4945. The location of the test piles shall be as directed by the Engineer. The Contractor shall prepare the top of piles for the required instrument attachment as directed by the Engineer. | | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS |
|----------|--|--|
| 62 | TS 400, Page TS400-16 Section 401.2.6.4 | Cross-hole Sonic Logging (CSL) testing shall be performed on bored piles as specified in the Contract. The Contractor shall accommodate the CSL testing by furnishing and installing access tubes in accordance with Section 401.3.7- Cross Hole Sonic Logging Test, and in accordance with the construction requirements set out in Section 401.4.12. These access tubes are considered to be incidental to bored pile construction. |
| 63 | TS 400, Page TS400-24 Section 401.4.8 4 th Paragraph | The number of piles to be tested by this method shall be proposed by agreed between the Contractor and agreed with the Engineer. prior to commencement of any piling works on site. The steel reinforcing cage shall be securely held in position throughout the concrete placement operation. The reinforcing steel in the shaft shall be tied and supported so that the location of the reinforcing steel will remain within allowable tolerance. Concrete spacers or other approved non-invasive spacing devices shall be used at... |
| 64 | TS 400, Page TS400-29 Section 401.5.1.1 | Trial bored Bored piles that are installed prior to installation of contract bored piles for the purpose of demonstrating to the engineer the adequacy of the methods proposed shall not be measured per each number of bored pile installed successfully for payment and are considered to be incidental to bored pile construction. |
| 65 | TS 400, Page TS400-29 Section 401.5.1.2 | 401.5.1.2 Exploration Holes Confirmation Boreholes Exploration holes Confirmation Boreholes specified in the contract by the Engineer for purposes of confirming geotechnical properties of soil and rock and to determine the founding elevation of the proposed bored piles will be measured per linear meter for exploration holes installed by the number of confirmation boreholes completed and accepted. Exploration holes Confirmation Boreholes may be drilled prior to bored pile excavation or from the base of the excavation bored pile. The top elevation shall be defined as ground surface at time of exploration hole Confirmation Borehole drilling. The bottom of elevation shall be defined as the bottom of the exploration hole Confirmation Borehole. |
| 66 | TS 400, Page TS400-30 Section 401.5.1.4 | 405.5.1.4 Permanent Casing Not Used. Furnishing and placing permanent casing shall be measured by the number of linear meter of each diameter of required permanent casing installed as specified in Section 401.3.3. The upper limit of casing payment shall be defined as the lower of: 1) Original ground or 2) Base of footing If excavated prior to bored pile installation. The lower limit shall be the elevation indicated in the Contract Drawings. |

209

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------------|--------------------------------|---------------------|--|-------------------|--------------|--------|--|------|--------------------------|----|----------------|--------|---------------------|--------------------------|--------|--|--------------|-----|--|--|
| 67 | TS 400, Page TS400-30 Section 401.5.1.7 | CSL tests shall be measured per pile for tests accepted by the Engineer. CSL access tube shall be measured by the linear meter of tube furnished and installed. | | | | | | | | | | | | | | | | | | | | | |
| 68 | TS 400, Page TS400-30 Section 401.5.1.9 | Steel reinforcing bar for pile shafts shall be measured by... | | | | | | | | | | | | | | | | | | | | | |
| 69 | TS 400, Page TS400-31 Section 401.5.1.9 | 401.5.2.2 Exploration Holes Confirmation Boreholes Exploration holes Confirmation boreholes installed at the direction of the Engineer shall be paid per each of exploration hole installed. | | | | | | | | | | | | | | | | | | | | | |
| 70 | TS 400, Page TS400-31 Section 401.5.2.4 | ... to remove the obstruction based on hours spent at contract bid rates through a Provisional Sum. | | | | | | | | | | | | | | | | | | | | | |
| 71 | TS 400, Page TS400-31 Section 401.5.2.4 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Pay Item Number</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Unit of Measurement</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">401(4)</td> <td style="text-align: center;">Trial Bored Piles</td> <td style="text-align: center;">Linear meter</td> </tr> <tr> <td style="text-align: center;">401(2)</td> <td style="text-align: center;">Exploration Holes Confirmation boreholes</td> <td style="text-align: center;">Each</td> </tr> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> <tr> <td style="text-align: center;">401(4)</td> <td style="text-align: center;">Obstruction Removal</td> <td style="text-align: center;">Provisional Php/Hour/Sum</td> </tr> <tr> <td style="text-align: center;">401(5)</td> <td style="text-align: center;">Permanent Casing Furnishing and Piling</td> <td style="text-align: center;">Linear meter</td> </tr> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> </tbody> </table> | Pay Item Number | Description | Unit of Measurement | 401(4) | Trial Bored Piles | Linear meter | 401(2) | Exploration Holes Confirmation boreholes | Each | xxx | | | 401(4) | Obstruction Removal | Provisional Php/Hour/Sum | 401(5) | Permanent Casing Furnishing and Piling | Linear meter | xxx | | |
| Pay Item Number | Description | Unit of Measurement | | | | | | | | | | | | | | | | | | | | | |
| 401(4) | Trial Bored Piles | Linear meter | | | | | | | | | | | | | | | | | | | | | |
| 401(2) | Exploration Holes Confirmation boreholes | Each | | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | | |
| 401(4) | Obstruction Removal | Provisional Php/Hour/Sum | | | | | | | | | | | | | | | | | | | | | |
| 401(5) | Permanent Casing Furnishing and Piling | Linear meter | | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | TS 400, Page TS400-68 Section 405.3.1.1 Table 405.3.1 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Exposure Class</th> <th style="text-align: center;">Maximum Aggregate Size (mm)</th> <th style="text-align: center;">Slump (mm)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Girder (to include Prestressing Steel)</td> <td style="text-align: center;">25-20</td> <td style="text-align: center;">50-100</td> </tr> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> <tr> <td style="text-align: center;">Bored Piles (In-Situ RC)</td> <td style="text-align: center;">20</td> <td style="text-align: center;">50-100/200-250</td> </tr> <tr> <td colspan="3" style="text-align: center;">xxx</td> </tr> </tbody> </table> | Exposure Class | Maximum Aggregate Size (mm) | Slump (mm) | Girder (to include Prestressing Steel) | 25-20 | 50-100 | xxx | | | Bored Piles (In-Situ RC) | 20 | 50-100/200-250 | xxx | | | | | | | | |
| Exposure Class | Maximum Aggregate Size (mm) | Slump (mm) | | | | | | | | | | | | | | | | | | | | | |
| Girder (to include Prestressing Steel) | 25-20 | 50-100 | | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | | |
| Bored Piles (In-Situ RC) | 20 | 50-100/200-250 | | | | | | | | | | | | | | | | | | | | | |
| xxx | | | | | | | | | | | | | | | | | | | | | | | |

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | |
|----------|--|--|----|
| | | Building/Blinding/Mass Concrete/Cinder Concrete | 25 |
| 73 | TS 400, Page TS400-69 Section 405.4.3.1 | 4) If so instructed by the Contractor Engineer, a petrologic... | |
| 74 | TS 400, Page TS400-78 Section 405.5.4.4 | ...When the outdoor ambient temperature is more than 32°C, the temperature of the concrete as placed shall not exceed 32°C <u>30°C</u> ... | |
| 75 | TS 400, Page TS400-86 Section 405.9.1 | The quantity of concrete to be paid for will be the final quantity placed and accepted in the completed structure. No deduction will be made for the volume occupied by pipe less than 100mm in diameter or by reinforcing steel, anchor conduits, weep holes or expansion joint materials. <u>Compacted sand layer shall not be measured for payment as it is considered a subsidiary to the item for Blinding Concrete.</u> | |
| 76 | TS 400, Page TS400-97 Section 407.2.1 2 nd Paragraph | Bituminous material shall be either rapid Curing (RC) or Medium Curing (MC) Cut-back Asphalt, whichever is called for in the Bill of Quantities. It shall conform to the requirements of Item 702 Bituminous Materials of the DPWH Standard Specifications. It shall conform to the requirements of Item 704.2.2 Bituminous Materials. The type and grade shall be specified in the Special Provisions: | |
| 77 | TS 400, Page TS400-99 Section 407.3.2.3 1st Paragraph | ...Bituminous material shall be applied by means of pressure distributor at the temperature given by <u>Section 407.2.2 Construction Requirements Item 704.2.2 Bituminous Materials</u> , of the particular material being used... | |
| 78 | TS 400 Page TS400-101 Section 407.4.3 | The construction requirement shall be in accordance, whenever applicable, with <u>Section 307.3 of Item 307, Bituminous Plant-Mix Surface Course of the DPWH Standard Specifications</u> . | |
| 79 | TS 400 Page TS400-131 Section 411.1. | Add: "8) Catwalks" | |

**North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)
Package CP02: Elevated Structures and 3 Stations**

REVISIONS/AMENDMENTS

| ITEM NO. | REFERENCE CLAUSE/ SECTION | REVISIONS/AMENDMENTS | | | | | | | | | |
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| 80 | TS 500, Page TS-125 Section 512.5.2 | <table border="1"> <thead> <tr> <th data-bbox="1166 1787 1238 2150">Depot Building Pay Item Number</th> <th data-bbox="1015 1787 1166 2150">Description</th> <th data-bbox="943 1787 1015 2150">Unit of Measurement</th> </tr> </thead> <tbody> <tr> <td data-bbox="1078 1787 1126 2150">D512(6)</td> <td data-bbox="1015 1787 1078 2150">Pre-painted Metal Sheet Roofing (t=0.60mm)</td> <td data-bbox="943 1787 1015 2150">Square Meter</td> </tr> <tr> <td data-bbox="1015 1787 1078 2150">D512(6)D512(7)</td> <td data-bbox="943 1787 1015 2150">Pre-painted Hi-Rib Z.A.M. Steel Roofing on Purlins (t=0-60mm)</td> <td data-bbox="871 1787 943 2150">Square Meter</td> </tr> </tbody> </table> | Depot Building Pay Item Number | Description | Unit of Measurement | D512(6) | Pre-painted Metal Sheet Roofing (t=0.60mm) | Square Meter | D512(6)D512(7) | Pre-painted Hi-Rib Z.A.M. Steel Roofing on Purlins (t=0-60mm) | Square Meter |
| Depot Building Pay Item Number | Description | Unit of Measurement | | | | | | | | | |
| D512(6) | Pre-painted Metal Sheet Roofing (t=0.60mm) | Square Meter | | | | | | | | | |
| D512(6)D512(7) | Pre-painted Hi-Rib Z.A.M. Steel Roofing on Purlins (t=0-60mm) | Square Meter | | | | | | | | | |

Volume IV, Part 3 – Conditions of Contract and Contract Forms

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| 81 | Section VIII, Page PC-12, PC 1.1.6 Other Definitions | <p>The pertinent Clause/Section is revised as follows: "...Possession of parcels of land referred to in (d), (e), and (f) above, are available for temporary use by the Contractor provided that it is deemed to be at the discretion of the Contractor the Contractor must lease these parcels of land from PNR. The lease rates shall be equivalent to 7% of the zonal value of the actual area occupied per month." Copies of the drawings showing the areas of the parcels of land referred to in (d), (e) and (f) are attached for reference as Annexes "C" to "E" of this General Bid Bulletin.</p> |
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