



Republic of the Philippines
DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS

BIDS AND AWARDS COMMITTEE (Primary)

**Project: LRT LINE 2 EAST (MASINAG) EXTENSION PROJECT, PACKAGE 1 –
CONSTRUCTION OF VIADUCT**

General Bid Bulletin No.: 004-2014

TO ALL PROSPECTIVE BIDDERS:

Please find attached as Annex “A” the amendments to the bidding documents as well as the answers to queries raised by prospective bidders for the above-mentioned project.

For your guidance and information.

Issued this 31st October 2014.


ATTY. JOSE PERPETUO M. LOTILLA
Chairman, Bids and Awards Committee
and Undersecretary for Legal Affairs



**DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS
Bids and Awards Committee (Primary)**

Contract for the Civil Works of LRT Line 2 East (Masinag) Extension Project, Package 1 – Construction of Viaduct

The following clauses of the Bidding Documents are hereby added/amended:

Clause	Current Provisions	Provisions
AMENDMENTS TO THE BIDDING DOCUMENTS		
I. Under Instructions to Bidders (ITB)		
ITB 5.4 (a)	<i>Unless otherwise provided in the BDS, the Bidder must have completed, within ten (10) years from the submission of bids, a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted to current prices using the National Statistics Office consumer price index.</i>	Amended to read as follows: Unless otherwise provided in the BDS , the Bidder must have completed, within ten (10) years from the submission of bids , a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted to current prices using the National Statistics Office consumer price index.
ITB 12.1 (a)(iii)	<i>“Statement of all its ongoing and completed government and private contracts within ten (10) years from the submission of bids, including contracts awarded but not yet started, if any. The statement shall xxxx”.</i>	Amended to read as follows: “Statement of all its ongoing and completed government and private contracts within ten (10) years from the submission of bids , including contracts awarded but not yet started, if any. The statement shall xxxx”.
II. Under Bid Data Sheet		
BDS 1.1		Amended to read as follows: “xxx

Clause	Current Provisions	Provisions
		<p>Brief Description of the Project:</p> <p>The project is the Construction of Elevated Guideway/Viaduct for the extension of the existing LRT Line 2 System by 3.934 kilometers eastward from the existing Santolan Station along Marcos Highway, Pasig City, beginning from Station 23+181.041, and terminating at Station 27+090.041 in the intersection of Marcos Highway and Sumulong Highway at Masingag, Cainta, Antipolo City, Rizal.”</p>
10.1		<p>Amended to read as follows:</p> <p>Last day of submission or requests for clarifications:</p> <p>25 October 2014 04 November 2014</p>
10.2		<p>Amended to read as follows:</p> <p>Last day to Issue Bid Bulletin/ Addendum/ Notices/ Clarifications:</p> <p>28 October 2014 07 November 2014</p>
BDS 5.4 (a)		<p>Amended to read as follows:</p> <p>No further instruction.</p> <p>For this purpose, similar project shall refer to the construction of elevated viaduct or bridge of at least one (1) kilometer two (2) kilometers in length, with a contract amount of not less than 50% of the ABC in a single contract.</p>
BDS ITB 12.1 (a)(iii)		<p>Amended to read as follows:</p> <p>Bidders must also submit the following:</p> <ol style="list-style-type: none"> 1. Duly signed Statement of all Ongoing Government & Private Construction Contracts including contracts awarded but not yet started. (FORM 1) 2. Duly signed Statement of all Completed Government & Private Construction Contracts which are similar in nature. (FORM 2) <p>The bidders must have an experience of having completed at least one (1) contract that</p>

Clause	Current Provisions	Provisions																																																																																							
		is similar to the contract to be bid which involves the construction of an elevated viaduct or bridge of at least one (1) kilometer two (2) kilometers in length and whose value, adjusted to current prices using the NSO consumer price indices, must be at least fifty percent (50%) of the Approved Budget for the Contract.																																																																																							
Add Clause 12.1 (b) (ii.3) in the Bid Data Sheet	<i>None.</i>	<p>Add the following clause to read:</p> <p>“Bidders must likewise comply with the following list of Minimum Equipment for Viaduct Construction, duly signed and included in the First Envelope:</p> <table border="1" data-bbox="949 571 2063 1431"> <thead> <tr> <th data-bbox="949 571 1055 676">Item</th> <th data-bbox="1055 571 1536 676">Particulars</th> <th data-bbox="1536 571 1861 676">Capacity</th> <th data-bbox="1861 571 2063 676">Minimum Required Number</th> </tr> </thead> <tbody> <tr> <td data-bbox="949 676 1055 715">1</td> <td data-bbox="1055 676 1536 715">Plant</td> <td data-bbox="1536 676 1861 715"></td> <td data-bbox="1861 676 2063 715"></td> </tr> <tr> <td data-bbox="949 715 1055 753">1.1</td> <td data-bbox="1055 715 1536 753">Concrete Batch Pant</td> <td data-bbox="1536 715 1861 753">25-55cmh</td> <td data-bbox="1861 715 2063 753">1</td> </tr> <tr> <td data-bbox="949 753 1055 791">2</td> <td data-bbox="1055 753 1536 791">Heavy Equipment</td> <td data-bbox="1536 753 1861 791"></td> <td data-bbox="1861 753 2063 791"></td> </tr> <tr> <td data-bbox="949 791 1055 829">2.1</td> <td data-bbox="1055 791 1536 829">Drill Rig, Mechanical Rotary</td> <td data-bbox="1536 791 1861 829">1200 - 3000mmØ</td> <td data-bbox="1861 791 2063 829">2</td> </tr> <tr> <td data-bbox="949 829 1055 868">2.2</td> <td data-bbox="1055 829 1536 868">Hydraulic Excavator</td> <td data-bbox="1536 829 1861 868">1.0cm</td> <td data-bbox="1861 829 2063 868">1</td> </tr> <tr> <td data-bbox="949 868 1055 906">2.3</td> <td data-bbox="1055 868 1536 906">Wheel Loader</td> <td data-bbox="1536 868 1861 906">2.5cm</td> <td data-bbox="1861 868 2063 906">1</td> </tr> <tr> <td data-bbox="949 906 1055 944">2.4</td> <td data-bbox="1055 906 1536 944">Backhoe with Hydraulic Breaker</td> <td data-bbox="1536 906 1861 944">0.8cm</td> <td data-bbox="1861 906 2063 944">1</td> </tr> <tr> <td data-bbox="949 944 1055 983">2.5</td> <td data-bbox="1055 944 1536 983">Dump Truck</td> <td data-bbox="1536 944 1861 983">9-12cm</td> <td data-bbox="1861 944 2063 983">4</td> </tr> <tr> <td data-bbox="949 983 1055 1021">2.6</td> <td data-bbox="1055 983 1536 1021">Concrete Pump, Trailer Mounted</td> <td data-bbox="1536 983 1861 1021">40cmh</td> <td data-bbox="1861 983 2063 1021">1</td> </tr> <tr> <td data-bbox="949 1021 1055 1059">2.7</td> <td data-bbox="1055 1021 1536 1059">Transit Mixer</td> <td data-bbox="1536 1021 1861 1059">6cm</td> <td data-bbox="1861 1021 2063 1059">6</td> </tr> <tr> <td data-bbox="949 1059 1055 1098">2.8</td> <td data-bbox="1055 1059 1536 1098">Hydraulic Crane (Truck Mounted)</td> <td data-bbox="1536 1059 1861 1098">120-200T</td> <td data-bbox="1861 1059 2063 1098">2</td> </tr> <tr> <td data-bbox="949 1098 1055 1136">2.9</td> <td data-bbox="1055 1098 1536 1136">Hydraulic Crane (Truck Mounted)</td> <td data-bbox="1536 1098 1861 1136">25-50T</td> <td data-bbox="1861 1098 2063 1136">2</td> </tr> <tr> <td data-bbox="949 1136 1055 1174">2.10</td> <td data-bbox="1055 1136 1536 1174">Water Tank Truck</td> <td data-bbox="1536 1136 1861 1174">10000L</td> <td data-bbox="1861 1136 2063 1174">1</td> </tr> <tr> <td data-bbox="949 1174 1055 1212">2.11</td> <td data-bbox="1055 1174 1536 1212">Truck Tractor with Dolly</td> <td data-bbox="1536 1174 1861 1212">80T</td> <td data-bbox="1861 1174 2063 1212">2</td> </tr> <tr> <td data-bbox="949 1212 1055 1251">2.12</td> <td data-bbox="1055 1212 1536 1251">Truck Tractor with Low Bed</td> <td data-bbox="1536 1212 1861 1251">20T</td> <td data-bbox="1861 1212 2063 1251">1</td> </tr> <tr> <td data-bbox="949 1251 1055 1289">2.13</td> <td data-bbox="1055 1251 1536 1289">Stake/Cargo Truck</td> <td data-bbox="1536 1251 1861 1289">12T</td> <td data-bbox="1861 1251 2063 1289">2</td> </tr> <tr> <td data-bbox="949 1289 1055 1327">3</td> <td data-bbox="1055 1289 1536 1327">Light Equipment</td> <td data-bbox="1536 1289 1861 1327"></td> <td data-bbox="1861 1289 2063 1327"></td> </tr> <tr> <td data-bbox="949 1327 1055 1366">3.1</td> <td data-bbox="1055 1327 1536 1366">Bar Bender/Cutter (Electric Driven)</td> <td data-bbox="1536 1327 1861 1366">12-36mmØ</td> <td data-bbox="1861 1327 2063 1366">2</td> </tr> <tr> <td data-bbox="949 1366 1055 1404">3.2</td> <td data-bbox="1055 1366 1536 1404">Rebar Spiral Bender (Electric Driven)</td> <td data-bbox="1536 1366 1861 1404">12-32mmØ</td> <td data-bbox="1861 1366 2063 1404">1</td> </tr> <tr> <td data-bbox="949 1404 1055 1442">3.3</td> <td data-bbox="1055 1404 1536 1442">Portable Air Compressor</td> <td data-bbox="1536 1404 1861 1442">330cfm</td> <td data-bbox="1861 1404 2063 1442">2</td> </tr> </tbody> </table>				Item	Particulars	Capacity	Minimum Required Number	1	Plant			1.1	Concrete Batch Pant	25-55cmh	1	2	Heavy Equipment			2.1	Drill Rig, Mechanical Rotary	1200 - 3000mmØ	2	2.2	Hydraulic Excavator	1.0cm	1	2.3	Wheel Loader	2.5cm	1	2.4	Backhoe with Hydraulic Breaker	0.8cm	1	2.5	Dump Truck	9-12cm	4	2.6	Concrete Pump, Trailer Mounted	40cmh	1	2.7	Transit Mixer	6cm	6	2.8	Hydraulic Crane (Truck Mounted)	120-200T	2	2.9	Hydraulic Crane (Truck Mounted)	25-50T	2	2.10	Water Tank Truck	10000L	1	2.11	Truck Tractor with Dolly	80T	2	2.12	Truck Tractor with Low Bed	20T	1	2.13	Stake/Cargo Truck	12T	2	3	Light Equipment			3.1	Bar Bender/Cutter (Electric Driven)	12-36mmØ	2	3.2	Rebar Spiral Bender (Electric Driven)	12-32mmØ	1	3.3	Portable Air Compressor	330cfm	2
Item	Particulars	Capacity	Minimum Required Number																																																																																						
1	Plant																																																																																								
1.1	Concrete Batch Pant	25-55cmh	1																																																																																						
2	Heavy Equipment																																																																																								
2.1	Drill Rig, Mechanical Rotary	1200 - 3000mmØ	2																																																																																						
2.2	Hydraulic Excavator	1.0cm	1																																																																																						
2.3	Wheel Loader	2.5cm	1																																																																																						
2.4	Backhoe with Hydraulic Breaker	0.8cm	1																																																																																						
2.5	Dump Truck	9-12cm	4																																																																																						
2.6	Concrete Pump, Trailer Mounted	40cmh	1																																																																																						
2.7	Transit Mixer	6cm	6																																																																																						
2.8	Hydraulic Crane (Truck Mounted)	120-200T	2																																																																																						
2.9	Hydraulic Crane (Truck Mounted)	25-50T	2																																																																																						
2.10	Water Tank Truck	10000L	1																																																																																						
2.11	Truck Tractor with Dolly	80T	2																																																																																						
2.12	Truck Tractor with Low Bed	20T	1																																																																																						
2.13	Stake/Cargo Truck	12T	2																																																																																						
3	Light Equipment																																																																																								
3.1	Bar Bender/Cutter (Electric Driven)	12-36mmØ	2																																																																																						
3.2	Rebar Spiral Bender (Electric Driven)	12-32mmØ	1																																																																																						
3.3	Portable Air Compressor	330cfm	2																																																																																						

Clause	Current Provisions	Provisions			
		3.4	High Cycle Concrete Vibrator	220v	1
		3.5	High Cycle Concrete Vibrator	8Hp	1
		3.6	Dewatering Pump NPT 100mmØ	4Hp	2
		3.7	Chipping/Drill Hammer	5-15kg	4
		3.8	Welding Machine Electric	300A	2
		3.9	Diesel Driven Welding Machine	300A	2
		3.10	Pre-stressing Jack ¹⁾	250kg	1
		3.11	Generator Powered Light Tower	1000 lumens	10
		3.12	Portable Angle Grinder	150mmØ	4
Note: ¹⁾ Can be provided by a Sub-contractor.					
III. Under Special Conditions of Contract					
SCC Clause 1.23		The Project Site is located at/within the span of 3.934 kilometers eastward from the existing Santolan Station along Marcos Highway, Pasig City, terminating after the intersection of Marcos Highway and Sumulong Highway at Masinag, Cainta , Antipolo City , Rizal.			
SCC Clause 1.30		<p>Brief Description of the Project:</p> <p>The project is the Construction of Elevated Guideway/Viaduct for the extension of the existing LRT Line 2 System by 3.934 kilometers eastward from the existing Santolan Station along Marcos Highway, Pasig City, beginning from Station 23+181.041, and terminating at Station 27+090.041 in the intersection of Marcos Highway and Sumulong Highway at Masinag, Antipolo City, Cainta, Rizal.</p>			
IV. On Section VI. Technical Specifications, Volume 2: Supplemental Specifications and Section VIII. Bill of Quantities (Form 6)					
Under Part A: <i>Facilities for the Engineer</i>	Pay Item No. : A.1.1 (e)	<p>“Pay Item: A.1.1 (e) are hereby amended and should be read “A.1.1 (e)1.”</p> <p>After scheduled F.7 of this clause A.1.1(e)1, the following specifications shall be added and deleted from Part L, Provisional Sum:</p> <p>“A.1.1 (e) 2 - LABORATORY TESTING OF MATERIALS FOR PAVEMENT RESTORATION</p>			

Clause	Current Provisions	Provisions																	
		<p>1) <i>General Requirements</i></p> <p>Where removal and restoration of affected pavement are essential to the works under the Contract and materials are to be tested prior to and after installation are to be executed by the Contractor and is instructed to consider the following requirements:</p> <p>a) The test to be undertaken shall comply with the requirements of the Contract per DPWH Materials Testing Requirements. The testing shall be outsourced from DPWH accredit laboratories condensing that the items to be tested are not the main components of the contract.</p> <p>b) The contractor shall be responsible in coordinating, planning and determining with the Engineer for the testing to be conducted from such facilities including the witnessing of the conduct of testing at such laboratory facilities and the Contractor shall include the costs of testing and shall inform the Engineer of such transaction and arrangement for his evaluation and approval to prevent possible delays in the implementation.</p> <p>2) <i>Specific Requirements</i></p> <p>Necessary test includes, but not limited to the following:</p> <table border="1" data-bbox="1050 943 2045 1433"> <thead> <tr> <th data-bbox="1050 943 1563 1023">Works</th> <th data-bbox="1563 943 1809 1023">Testing Requirement</th> <th data-bbox="1809 943 2045 1023">Test Method</th> </tr> </thead> <tbody> <tr> <td data-bbox="1050 1023 1563 1353" rowspan="5">Structural Backfill/ Aggregate Sub-base Course/</td> <td data-bbox="1563 1023 1809 1102">Gradation</td> <td data-bbox="1809 1023 2045 1102">AASHTO T11 & T27</td> </tr> <tr> <td data-bbox="1563 1102 1809 1182">Plasticity</td> <td data-bbox="1809 1102 2045 1182">AASHTO T89 & T90</td> </tr> <tr> <td data-bbox="1563 1182 1809 1262">Laboratory Compaction</td> <td data-bbox="1809 1182 2045 1262">AASHTO T180</td> </tr> <tr> <td data-bbox="1563 1262 1809 1310">Abrasion</td> <td data-bbox="1809 1262 2045 1310">AASHTO T96</td> </tr> <tr> <td data-bbox="1563 1310 1809 1353">CBR</td> <td data-bbox="1809 1310 2045 1353">AASHTO T193</td> </tr> <tr> <td data-bbox="1050 1353 1563 1433">Sub-grade Preparation/ Aggregate Sub-base Course</td> <td data-bbox="1563 1353 1809 1433">Field Density</td> <td data-bbox="1809 1353 2045 1433">AASHTO T310</td> </tr> </tbody> </table>	Works	Testing Requirement	Test Method	Structural Backfill/ Aggregate Sub-base Course/	Gradation	AASHTO T11 & T27	Plasticity	AASHTO T89 & T90	Laboratory Compaction	AASHTO T180	Abrasion	AASHTO T96	CBR	AASHTO T193	Sub-grade Preparation/ Aggregate Sub-base Course	Field Density	AASHTO T310
Works	Testing Requirement	Test Method																	
Structural Backfill/ Aggregate Sub-base Course/	Gradation	AASHTO T11 & T27																	
	Plasticity	AASHTO T89 & T90																	
	Laboratory Compaction	AASHTO T180																	
	Abrasion	AASHTO T96																	
	CBR	AASHTO T193																	
Sub-grade Preparation/ Aggregate Sub-base Course	Field Density	AASHTO T310																	

ANNEX A

Clause	Current Provisions	Provisions		
		Bituminous Tack Coat and Surface Course/ Other Bituminous materials	Quality Test	AASHTO M140/ AASHTO M-20
		AC Composite Aggregates/ Mineral Fillers/ Hot Mix Asphalt/ PCCP Fine and Course Aggregates	Gradation	AASHTO T11 & T27
			Plasticity	AASHTO T89 & T90
		AC Composite Aggregates	Fractured Face	
			Soundness	AASHTO T104
			Sand Equivalent	AASHTO T176
			Flakiness Index	BS 812
		Hydrated Lime	Quality Test	PHILSA I-1-68
		Hot Mix Asphalt	Stability Test	AASHTO T245
			Extraction Test	AASHTO T164
		AC Pavement	Coring for Density	AASHTO T275
			Coring for Thickness	
		Cement	Quality Test	AASHTO M85
		Water	Quality Test	AASHTO T26
		Special Curing Agents	Quality Test	AASHTO M148
		Admixtures	Quality Test	AASHTO M194
		Tie Bars/ Dowell/ RSB	Quality Test	PNS 49 or ASTM A615
		Joint Filler	Quality Test	AASHTO M213
		Concrete Pavement	Flexural Strength	AASHTO T97

Clause	Current Provisions	Provisions																																																														
			Coring Thickness	for AASHTO T148																																																												
		<p data-bbox="992 379 1384 408">3) <i>Measurement and Payment</i></p> <p data-bbox="1043 432 2056 496">Measurement and Payment will be made in accordance with the type and frequency of tests required by the Engineer.</p> <p data-bbox="1043 520 1406 549">Payment will be made under:</p> <table border="0" data-bbox="1025 564 1906 1406"> <thead> <tr> <th data-bbox="1043 564 1189 593"><u>Pay Item</u></th> <th data-bbox="1234 564 1384 593"><u>Description</u></th> <th data-bbox="1630 564 1906 593"><u>Unit of Measurement</u></th> <th data-bbox="1809 564 1906 593"></th> </tr> </thead> <tbody> <tr> <td data-bbox="1025 617 1189 646">A.1.1. (e) 2.1</td> <td data-bbox="1234 617 1570 681">Soil Gradation for Backfill, Sub-base course</td> <td data-bbox="1671 655 1711 684">ea.</td> <td data-bbox="1809 617 1906 681"></td> </tr> <tr> <td data-bbox="1025 687 1189 716">A.1.1. (e) 2.2</td> <td data-bbox="1234 687 1659 751">Aggregates Gradation for AC, PCCP, Curb & Gutter, Sidewalk</td> <td data-bbox="1765 726 1805 754">ea.</td> <td data-bbox="1809 687 1906 751"></td> </tr> <tr> <td data-bbox="1025 758 1189 786">A.1.1. (e) 2.3</td> <td data-bbox="1234 758 1693 821">Plasticity Test for Backfill, Sub-base Course</td> <td data-bbox="1765 796 1805 825">ea.</td> <td data-bbox="1809 758 1906 821"></td> </tr> <tr> <td data-bbox="1025 828 1189 857">A.1.1. (e) 2.4</td> <td data-bbox="1234 828 1653 857">Extraction Test/Gradation for AC</td> <td data-bbox="1742 828 1783 857">ea.</td> <td data-bbox="1809 828 1906 857"></td> </tr> <tr> <td data-bbox="1025 863 1189 892">A.1.1. (e) 2.5</td> <td data-bbox="1234 863 1682 927">Laboratory Compaction for Backfill, Sub-base course</td> <td data-bbox="1671 901 1711 930">ea.</td> <td data-bbox="1809 863 1906 927"></td> </tr> <tr> <td data-bbox="1025 933 1189 962">A.1.1. (e) 2.6</td> <td data-bbox="1234 933 1682 997">Abrasion Test for Backfill, Sub-base Course</td> <td data-bbox="1727 971 1767 1000">ea.</td> <td data-bbox="1809 933 1906 997"></td> </tr> <tr> <td data-bbox="1025 1003 1189 1032">A.1.1. (e) 2.7</td> <td data-bbox="1234 1003 1644 1067">Field Density Test for sub-grade, Sub-base course</td> <td data-bbox="1742 1042 1783 1070">ea.</td> <td data-bbox="1809 1003 1906 1067"></td> </tr> <tr> <td data-bbox="1025 1074 1189 1102">A.1.1. (e) 2.8</td> <td data-bbox="1234 1074 1653 1102">CBR for Backfill, Sub-base Course</td> <td data-bbox="1809 1074 1850 1102">ea.</td> <td data-bbox="1809 1074 1906 1102"></td> </tr> <tr> <td data-bbox="1025 1109 1189 1137">A.1.1. (e) 2.9</td> <td data-bbox="1234 1109 1671 1236">Quality Test (Abrasion, Grading, Plasticity, Stripping & Bulk Specific Gravity) for AC and PCCP Blended Aggregates</td> <td data-bbox="1727 1211 1767 1240">ea.</td> <td data-bbox="1809 1109 1906 1236"></td> </tr> <tr> <td data-bbox="1025 1243 1189 1272">A.1.1. (e) 2.10</td> <td data-bbox="1234 1243 1592 1272">Stability Test for Hot Mix AC</td> <td data-bbox="1809 1243 1850 1272">ea.</td> <td data-bbox="1809 1243 1906 1272"></td> </tr> <tr> <td data-bbox="1025 1278 1189 1307">A.1.1. (e) 2.11</td> <td data-bbox="1234 1278 1518 1307">Soundness Test for AC</td> <td data-bbox="1809 1278 1850 1307">ea.</td> <td data-bbox="1809 1278 1906 1307"></td> </tr> <tr> <td data-bbox="1025 1313 1189 1342">A.1.1. (e) 2.12</td> <td data-bbox="1234 1313 1585 1342">Sand Equivalent Test for AC</td> <td data-bbox="1809 1313 1850 1342">ea.</td> <td data-bbox="1809 1313 1906 1342"></td> </tr> <tr> <td data-bbox="1025 1348 1189 1377">A.1.1. (e) 2.13</td> <td data-bbox="1234 1348 1435 1377">Flakiness Index</td> <td data-bbox="1809 1348 1850 1377">ea.</td> <td data-bbox="1809 1348 1906 1377"></td> </tr> <tr> <td data-bbox="1025 1383 1189 1412">A.1.1. (e) 2.14</td> <td data-bbox="1234 1383 1570 1412">Fractured Face Test for AC</td> <td data-bbox="1765 1383 1805 1412">ea.</td> <td data-bbox="1809 1383 1906 1412"></td> </tr> </tbody> </table>			<u>Pay Item</u>	<u>Description</u>	<u>Unit of Measurement</u>		A.1.1. (e) 2.1	Soil Gradation for Backfill, Sub-base course	ea.		A.1.1. (e) 2.2	Aggregates Gradation for AC, PCCP, Curb & Gutter, Sidewalk	ea.		A.1.1. (e) 2.3	Plasticity Test for Backfill, Sub-base Course	ea.		A.1.1. (e) 2.4	Extraction Test/Gradation for AC	ea.		A.1.1. (e) 2.5	Laboratory Compaction for Backfill, Sub-base course	ea.		A.1.1. (e) 2.6	Abrasion Test for Backfill, Sub-base Course	ea.		A.1.1. (e) 2.7	Field Density Test for sub-grade, Sub-base course	ea.		A.1.1. (e) 2.8	CBR for Backfill, Sub-base Course	ea.		A.1.1. (e) 2.9	Quality Test (Abrasion, Grading, Plasticity, Stripping & Bulk Specific Gravity) for AC and PCCP Blended Aggregates	ea.		A.1.1. (e) 2.10	Stability Test for Hot Mix AC	ea.		A.1.1. (e) 2.11	Soundness Test for AC	ea.		A.1.1. (e) 2.12	Sand Equivalent Test for AC	ea.		A.1.1. (e) 2.13	Flakiness Index	ea.		A.1.1. (e) 2.14	Fractured Face Test for AC	ea.	
<u>Pay Item</u>	<u>Description</u>	<u>Unit of Measurement</u>																																																														
A.1.1. (e) 2.1	Soil Gradation for Backfill, Sub-base course	ea.																																																														
A.1.1. (e) 2.2	Aggregates Gradation for AC, PCCP, Curb & Gutter, Sidewalk	ea.																																																														
A.1.1. (e) 2.3	Plasticity Test for Backfill, Sub-base Course	ea.																																																														
A.1.1. (e) 2.4	Extraction Test/Gradation for AC	ea.																																																														
A.1.1. (e) 2.5	Laboratory Compaction for Backfill, Sub-base course	ea.																																																														
A.1.1. (e) 2.6	Abrasion Test for Backfill, Sub-base Course	ea.																																																														
A.1.1. (e) 2.7	Field Density Test for sub-grade, Sub-base course	ea.																																																														
A.1.1. (e) 2.8	CBR for Backfill, Sub-base Course	ea.																																																														
A.1.1. (e) 2.9	Quality Test (Abrasion, Grading, Plasticity, Stripping & Bulk Specific Gravity) for AC and PCCP Blended Aggregates	ea.																																																														
A.1.1. (e) 2.10	Stability Test for Hot Mix AC	ea.																																																														
A.1.1. (e) 2.11	Soundness Test for AC	ea.																																																														
A.1.1. (e) 2.12	Sand Equivalent Test for AC	ea.																																																														
A.1.1. (e) 2.13	Flakiness Index	ea.																																																														
A.1.1. (e) 2.14	Fractured Face Test for AC	ea.																																																														

Clause	Current Provisions	Provisions					
		A.1.1. (e) 2.15 Coring Test for AC Thickness ea. A.1.1. (e) 2.16 Coring Test for AC Density ea. A.1.1. (e) 2.17 Coring Test for PCCP Thickness ea. A.1.1. (e) 2.18 Flexural Strength Test for PCCP ea.					
Correspondingly, the following Pay Item shall be added in Part A and deleted in Part L:							
		Pay Item	Description	Unit	Quantity	Unit Cost (Pesos)	Total (Pesos)
		A.1.1. (e) 2.1	Soil Gradation for Backfill, Sub-base course (PESOS) _____ and _____centavos each)	ea.	27		
		A.1.1. (e) 2.2	Aggregates Gradation for AC, PCCP, Curb & Gutter, Sidewalk (PESOS) _____ and _____centavos each)	ea.	71		
		A.1.1. (e) 2.3	Plasticity Test for Backfill, Sub-base Course (PESOS) _____ and _____centavos each)	ea.	11		
		A.1.1. (e) 2.4	Extraction Test/ Gradation for AC (PESOS) _____ and _____centavo	ea.	9		

Clause	Current Provisions	Provisions				
			s each)			
		A.1.1. (e) 2.5	Laboratory Compaction for Backfill, Sub-base course (PESOS) _____ and _____centavo	ea.	8	
		A.1.1. (e) 2.6	Abrasion Test for Backfill, Sub-base Course (PESOS) _____ and _____centavo	ea.	8	
		A.1.1. (e) 2.7	Field Density Test for sub-grade Preparation, Sub-base course (PESOS) _____ and _____centavo	ea.	84	
		A.1.1. (e) 2.8	CBR for Backfill, Sub-base Course (PESOS) __ and _____centavo	ea.	8	
		A.1.1. (e) 2.9	Quality Test (Abrasion, Grading, Plasticity, Stripping & Bulk Specific Gravity) for AC and PCCP Blended Aggregates (PESOS)	ea.	61	

Clause	Current Provisions	Provisions					
			_____ and _____centavo s each)				
		A.1.1. (e) 2.10	Stability Test for Hot Mix AC (PESOS)_____ _____ and _____centavo s each)	ea.	9		
		A.1.1. (e) 2.11	Soundness Test for AC (PESOS)_____ _____ and _____centavo s each)	ea.	3		
		A.1.1. (e) 2.12	Sand Equivalent Test for AC (PESOS)_____ _____ and _____centavo s each)	ea.	3		
		A.1.1. (e) 2.13	Flakiness Index (PESOS)_____ _____ and _____centavo s each)	ea.	3		
		A.1.1. (e) 2.14	Fractured Face Test for AC (PESOS)_____ _____ and _____centavo s each)	ea.	3		
		A.1.1. (e) 2.15	Coring Test for AC Thickness (PESOS) _____ _____ and	ea.	6		

Clause	Current Provisions	Provisions					
			_____centavo s each)				
		A.1.1. (e) 2.16	Coring Test for AC Density (PESOS) _____ and _____centavo s each)	ea.	6		
		A.1.1. (e) 2.17	Coring Test for PCCP Thickness (PESOS) _____ and _____centavo s each)	ea.	15		
		A.1.1. (e) 2.18	Flexural Strength Test for PCCP (PESOS) _____ and _____centavo s each)	ea.	40		
Under Part G: <i>Drainage and Slope Protection Structures</i>	Pay Items: - 517(1)a; 517(1)b; 517(1)c; - 517(1)d; 517(1)e.1; 517(1)e.2; - 517(1)f.1; 517(1)f.2; 517(2)g	All requirements reference to "Steel" Pipe shall be replaced with "PVC" Pipe.					
Under Part L: <i>Provisional Sum</i>	<i>SPL 1000</i> <i>SPL 1000.1</i> <i>SPL 1000.2</i>	<p>Technical Specifications under clauses SPL 1000.1 and SPL 1000.2 are hereby deleted in its entirety and replaced to read as follows:</p> <p>"SPL 1000 REMOVALS AND RELOCATIONS OF PEDESTRIAN OVERPASS AND PUBLIC UTILITIES</p> <p>SPL 1000.1 Description</p> <p>Removal, relocation or re-installation of the existing pedestrian overpass and</p>					

Clause	Current Provisions	Provisions
		<p>public utilities that maybe affect shall consisted of:</p> <ol style="list-style-type: none"> 1) Existing pedestrian overpass in-front of Robinson’s Metro East Mall that will be affected by the Emerald Station, 2) The on-going construction of new pedestrian overpass at Sumulong Highway junction by the DPWH Rizal Engineering District that will intersect with the proposed viaduct pier, 3) Meralco Power Lines, 4) Telecommunications Ducts and Cables, 5) Potable Water Pipelines, and 6) Street Lighting, Drainage and Sewer System and Gas Lines, if there’s any. <p>SPL 1000.2 General Requirements</p> <p>Where the removal and re-installation of government or private facilities shall be executed by the Contractor, or when removal and re-installation of public utilities are not to be executed by the Contractor but by the respective owners of such public utilities, the following stipulations must be considered:</p> <ol style="list-style-type: none"> 1) The work to be undertaken shall comply with the requirements of the Contract. The Work Program to be submitted in accordance with the Conditions of Contract shall be the basis, reference or the factor that will determine any negotiations or working arrangements to be entered into by DOTC with the particular government agencies like MMDA, DPWH and Private entities or Owner’s of public utilities, which constructed and is maintaining such facilities and utilities, it is therefore essential for the Contractor to provide the details on the priorities and sequences of his construction activities and operations and any particulars may be required by the Engineer on the said program. 2) The Contractor shall be responsible in coordinating, planning and determining with the government agencies and public utilities the location or alteration of such facilities and/or utilities including the costs of undertaking such Works and shall inform the Engineer of such transaction and arrangement for his evaluation and approval to prevent possible delays in the implementation. 3) No work shall commence on any part, portion or section of the project that may

Clause	Current Provisions	Provisions
		<p>affect or disturb the operation on the existing condition of the facilities and/or public utilities, unless written permission has been first secured from the Engineer.</p> <p>SPL 1000.3 Exception to the General Requirements</p> <p>Other than the two pedestrian overpass and public utilities described above, expenses shall be borne by the Contractor in connection with the necessary temporary protective support, removal, relocation or re-installation of <i>other pedestrian overpasses, site facilities and public utilities not identified to be relocated</i> including the payment of claims from the owner's of the facilities and/or public utilities as a result of any damages or injuries caused by his operations or by his subcontractors.</p> <p>SPL 1000.4 Specific Requirements</p> <p>Necessary utility relocations are identified in the Utility Survey and Mapping Report to be provided to the Contractor. The Contractor had to validate these relocation requirements and/or identify all other necessary relocations, in close coordination with the respective government agencies and utility companies.</p> <ol style="list-style-type: none"> 1. Removal and Reconstruction of Pedestrian Overpass <p>Removal and reconstruction plan of pedestrian overpass fronting the Robinson's Mall, where the Emerald Station will be constructed are provided in the Drawings. The Contractor shall provide a detailed removal, retrieval and re-installation of all usable elements of the overpass especially all metal/steel works, as basis for final costing for approval of the Engineer.</p> <p>Similarly, the on-going construction at Sumulong Highway junction needs to be re-aligned as it will intersect with the viaduct Pier. The Contractor shall prepare removal plan and reconstruction plan for approval of the Engineer.</p> 2. Relocation of Meralco's Low, Medium and High Voltage Power Lines <p>Numerous power lines as well as guy wires traversing the eastbound and</p>

Clause	Current Provisions	Provisions
		<p>westbound lanes, or crossing the Marcos Highway are prevalent along the route of line extension. These lines need to be decommissioned and/or relocated before any launching of AASHTO girders can be made, and reinstalled thereafter. At the option of Meralco, subject to approval by the Engineer, these could be made with the use spun cables attached to the structures or install intermediate poles along the island of the road or the roadway.</p> <p>The Contractor thoroughly discussed with Meralco's Engineering Group to address the necessary decommissioning, removal and relocation plans for proper coordination, scheduling and costing, for approval of the Engineer.</p> <p>3. Removal and Relocation of Telecommunication Ducts and Cables</p> <p>Appropriate survey method must be made by the Contractor prior to drilling for bored pile construction to determine the exact alignment of PLDT and Globe's cable ducts that crosses along Marcos Highway or those along the sidewalk fronting the Robinson's Mall, as well other areas not previously identified. Underground cables are either fiber optic or copper wire cables.</p> <p>The Contractor shall be liable to the damages on underground fiber optic/copper wire cables including cable ducts due to the absence of his necessary surveys.</p> <p>Although the overhead telephone lines by PLDT and Globe Telecom that crosses Marcos Highway along the entire stretch of line extension may not need to be relocated and may only need to be protected during launching of AASHTO girders, the Contractor shall be similarly liable to the damages that may occur during girder installations.</p> <p>4. Removal and Relocation of Potable Water Transmission/Distribution Pipelines</p> <p>Pipeline alignment verification survey using special equipment such as Ground Penetrating Radar (GPR) or actual pipeline cover excavation shall be undertaken by the Contractor to determine the exact position/alignment of the pipeline traversing near the center island, or along roads intersecting Marcos Highway where bored pile will be constructed.</p>

Clause	Current Provisions	Provisions
		<p>Based on actual pipeline alignment and location/dimension of bored pile constructions, necessary relocation and relocation options provided in the Utility Survey and Mapping Report shall be discussed and confirmed with the Manila Water Company for appropriate planning and costing, subject to the approval of the Engineer.</p> <p>5. Street Lights</p> <p>Street lights are maintained by the MMDA for the Santolan to Felix Avenue section and by the Antipolo LGU for the Felix Avenue to Sumulong Highway junction. All street lights within the center island of Marcos Highway are partially operational, where some mast pole lights are either not functional or defective, shall all be removed.</p> <p>At the option of MMDA or the LGU, reinstallation with reduced mast height where it was previously located or relocated when previous location was affected by the viaduct columns shall be coordinated by the Contractor, for appropriate planning and costing, subject to the approval of the Engineer.</p> <p>SPL 1000.5 Measurement and Payment</p> <p>Provisional Sum under this pay item is provided in the Bill of Quantities.</p> <p>Measurement will be based on specific removal and detailed relocation's scope of works. Payment will be made in a Lump Sum price shall be taken for the stipulated Provisional Sum, for the removal and relocation cost of the affected pedestrian overpass of Robinson's Metro East Mall (Emerald Station) and Masinag Junction (by DPWH) and all other government facilities and public utilities, approved by the Engineer.</p>
V. Responses to Bidder's Queries		
1. Bid submission date		Please refer to Annex A of General Bid Bulletin No. 03-2014, Item No. 7.
2. Clause 12.1(a)(iv)	Requesting clarification on the following:	<p>Submission of a Joint Venture PCAB License is required.</p> <p>Section 38 of Republic Act No. 4566 (AN ACT CREATING THE PHILIPPINE LICENSING BOARD FOR CONTRACTORS, PRESCRIBING ITS POWERS, DUTIES AND FUNCTIONS,</p>

Clause	Current Provisions	Provisions
	<p>1. Normally and in accordance with PCAB rules, new PCAB application requires minimum 30 days processing from submission of the application. The requirement to submit special license for the Joint Venture as part of the prequalification requirements is not achievable due to the existing PCAB rules.</p> <p>2. Other project biddings where the Joint Venture is declared lowest bidder, the requirement for the special PCAB license of the JV is part of the post-qualification requirements prior to contract signing in accordance with Rule XI-Award, Implementation and Termination of Contract, 37.1.4 of RA 9184.</p>	<p>PROVIDING FUNDS THEREFOR, AND FOR OTHER PURPOSES.) provides and requires the following:</p> <p>“Section 38. <i>Joint licenses.</i> It is unlawful for any two or more licensees, each of whom has been issued a license to engage separately in the capacity of a contractor, to jointly submit a bid or otherwise act in the capacity of a contractor without first having secured an additional license for acting in the capacity of such a joint venture or combination in accordance with the provisions of this Act as provided for an individual, partnership or corporation.”</p> <p>In addition, the Government Procurement Policy Board (GPPB) clearly states in their Non-Policy Opinion No. 17-2013 the following:</p> <p>“Section 23.5.2.3 of the IRR provides that persons/entities enumerated in Section 23.5.2.1 of the IRR may participate in public bidding if it has been issued a license by the PCAB to engage or act as a contractor, which necessarily includes a joint venture bidder. Thus, for joint venture bidders to be engaged as a contractor, a Joint License issued by PCAB pursuant to Section 38 of RA 4566, and not the PCAB license and registration individually issued to each joint venture partner, must be submitted.</p> <p>In this regard, x x x the failure of the joint venture bidder to submit a Joint License may be a ground for its disqualification despite the submission of the individual licenses of each joint venture partner.</p>
<p>1. BDS 12.1 (a)(iii)</p>	<p>Requesting clarifications pertaining to allowing <u>consolidation of their experience in LRT Line 1 North Extension Project to meet eligibility requirements.</u></p>	<p>Consolidation of experience or accumulation of contract amount is not allowed nor supported by the Revised IRR of R.A. No. 9184.</p>