

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

P1.062 Billion LRT Safety, Reliability & Capacity Improvement Projects

PROJECT NO. 1 RAIL REPLACEMENT AT LRT 1 REVENUE LINE

Written Queries and Answers

DAXI S.A., dated 28 December 2011

Item No.	Queries	Provision Number	Answers
1.	Based on our experience of similar contract in LRTA, some of the equipments listed will not be necessary for the installation (i.e. Rail Bender, Track Bending Machine, Sleeper Drilling machine, Ultrasonic Recording Trolley,..). May we request for (a) an updated list of Equipment Capabilities or (b) let the contractor free in his Equipment Capabilities	TOR Annex 3	Please refer to attached revised TOR Annex 3 (1 Page).
2.	Is LRTA willing to rent equipment to the contractor?	TOR Annex 3	No.
3.	If applicable, what is the price for renting the equipment mentioned in Annex 3?	TOR Annex 3	Not applicable.
4.	What are the specific criteria to be used by LRTA in classifying a sleeper to be "Broken or Cracked Sleeper"?	TOR Scope of Contract 1.1.e	All visible cracks.
5.	Is the criteria for replacing cracked sleepers limited to concrete sleepers only or is it also applicable to timber sleepers?	TOR Scope of Contract 1.1.e	This is applicable to concrete sleepers only.

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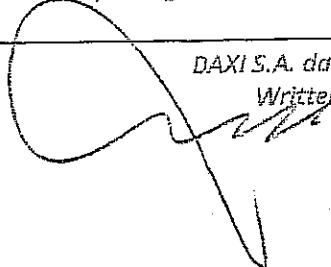
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6.	This item refers to PC Sleepers, which means: Pre-Stressed Concrete Sleepers, which are mono-bloc sleepers. Is it allowed to replace the existing twin-bloc sleeper with a mono-bloc sleeper?	TOR Scope of Contract 1.2.4 PC Sleepers	No.
7.	For the measurement of track geometry, should the contractor produce data print outs from a measuring trolley or is the data from a surveyor acceptable?	TOR Scope of Contract 1.1.j	Data is acceptable as long as it is duly certified and signed by the Contractor's duly authorized representative.
8.	In what way the Contractor is assured to have sufficient ballast available at the time of his track geometry correction?	TOR Scope of Contract 1.1.j	LRTA will be providing sufficient ballast.
9.	What are the penalties in the event that the contractor exceeds the allowable limit of 2% plug-in rail due to failed weld?	TOR Scope of Contract 1.2.3.d	In case the Contractor reached the allowable limit of 2% in the succeeding failed welding, use of plug-in rail will no longer be allowed, but the contractor will have to replace the whole 18-meter rail or the whole length of rail up the next welding point.
10.	Due to Holiday Season and queries and answers The Contractor requests for the postponement of the submission and opening of Bids which is due on the 16 th of January 2012?	ITB Clause 24.1	The BAC will issue proper Bid Bulletin should it find necessary to postpone the deadline for submission and opening of bids.

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11.	As the working window is very short the working schedule will be impossible to follow if the tracks are not turned over to the Contractor at 11pm. What rules will be applied by LRTA in respect to the Project duration if the contractor cannot start his work at 11pm?	TOR Duration 4.1	Exact time of track turn-over shall be properly recorded by both LRTA and the Contractor. In case of delay in the project implementation results due to accumulated delay in the track turn-over, contract duration extension commensurate to the said delays may be granted for as long as the delays are due to the failures of LRTA and without any fault on the part of the Contractor.
12.	What is the meaning of "grinding of newly installed rails? Is it the entire rail or is the grinding limited to the welding points?	TOR Annex B	Grinding is for the entire replaced rails.
13.	Is the alignment part of the defect liability?	TOR Warranty	No.


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Written Queries and Answers
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Project No. 1: SYSTEMATIC RAIL REPLACEMENT AT LRT1 REVENUE LINE

No.	Tools and Equipment	Minimum Number Required
1.0	Rail Bender	2
2.0	Hydraulic Tamping Machine	1
3.0	Ballast Tamping Set	4
4.0	Profile Grinder	2
5.0	Corrugation Grinder	2
6.0	Rail Carrier	15
7.0	Rail Drilling Machine	4
8.0	Abrasive Rail Cutter	3
9.0	Adjustable wrench	10
10.0	Weld Shearing machine	4
11.0	Portable Generator Set	5
12.0	Track Gauge and Super-elevation Measuring Device	3
13.0	Rail Head Wear Measuring Device	1
14.0	Sighting and leveling unit	1
15.0	Versine Measuring Device	1
16.0	Ultrasonic Recording Trolley	1
17.0	Track geometry Measuring Trolley	1
18.0	Complete Set of Welding Tools	3
19.0	Complete Set of Pre-heating Equipment	3
20.0	Rail Roller	30
21.0	Track Jack	50
22.0	Rail thermometer	2
23.0	Unimog	1
24.0	Sleeper Tong	30
25.0	Rail Tong	40
26.0	Rail de-stressing equipment	1

Equipment Capabilities:

The prospective Bidder should have assured access (through hire, lease, purchase agreement, or other means) at least to the following key items of construction equipment and should confirm the same in Attachment 4