



The Hashemite Kingdom of Jordan

Land Transport Regulatory Commission



RFP # 7/2010
Responses to Vendor Inquiries

**Develop and Implement Intelligent Transportation System
for the Public Transportation Sector**

September 25th 2011

Responses to Inquiries

Inquiry 1: In 4.3 Response Submission (page 28):

First paragraph mentions "Vendors must submit proposals to this RFP to LTRC no later than 2:00pm on Sunday 20/2/2011", however, in last paragraph "the proposal must be received by LTRC no later than 1:00 pm on Tuesday 15/11/2011"

Please clarify first paragraph of section 4.3 regarding submission date?

Response 1: Submission date is Tuesday 15/11/2011 no later than 1:00 pm.

Inquiry 2: In 2.1.2 Functional Requirements (page 9):

"The system must associate vehicle status with hard-coded system time-stamps which includes embedding input or configuration data directly into the source code of a program".

Please clarify the following terms:

- Hard coded time stamps.
- Embedding input or configuration data directly into the source code of a program.

For better understanding we would appreciate that LTRC gives an example regarding these two items.

Response 2: Embedding input or configuration data directly into the source code of a program.

Inquiry 3: In section 2.2.2 Cash Transactions (page 9), which is a major addition to the requirements of the previous bid:

"Access to printers and ticket stock will be logged. Access to cash and the safe will be separated from access to printers and will be logged. Each access will require a different authorization level."

- a. What is the envisioned electronic capability, control and monitoring that is expected to be in the safe door and internal mechanisms, in order to be able to open it with multiple authorization levels, as well as logging its opening and closure?
- b. Do you require that the cash lever within the safe is controlled electronically from the EFC unit or manually by the driver?
- c. Please explain how access to the printer will require an authorization level, and how will this work when there is a need to change the paper roll by a bus driver?

- d. Powering the safe mechanisms and sensors while passengers board the bus at the bus stations will obviously require much more power from the battery of the bus than operating without this requirement; this would mean that any operation related to accepting cash and cash deposit is only possible when the motor of the bus is running.

Do you accept that this will create high constraints in the daily operation of the system by bus operators?

Response 3: This requirement was included in the original RFP and was not changed in the re-issued RFP.

The proposed solution should provide different authorization levels for drivers and for the operators who will be collecting cash.

Inquiry 4: In section 4.2, Response Format:

“In case of sub-contracting, the subcontractor has to be approved by LTRC and the contractor will be liable for all works performed by the sub-contractor.”

- If a subcontractor is clearly mentioned within the response, will the award constitute a de-facto approval of the subcontractor?
- If the answer to the previous question is NO, kindly clarify the subcontractor approval process and timing.

Response 4: Yes, the subcontractor is part of the binding technical proposal. The subcontractor experience will be part of the evaluation. Should this subcontractor be changed, then LTRC approval is required.

Inquiry 5: In the Arabic Agreement Annex 1, page 53 of the RFP, article (b):

Please clarify the maximum expected time for LTRC to audit and approve the monthly submitted reports and invoice so that the monthly subsidies and CH operating payments become due?

(LTRC may omit this clarification: Without the maximum time specified, LTRC may withhold approval of the reports forcing the winning bidder to grant LTRC financial facilities against the subsidies, accumulating to more than JD3Mn per every month of delay, without the possibility of terminating the contract).

Response 5: LTRC will review reports and process payments in the most efficient manner within financial transaction cycle in the government.

Inquiry 6: The vendor’s proposal should detail control room design and setup including: What are the minimum requirements for control room? BOQ?

Response 6: Please refer to section 2.1.6 of the RFP.

Inquiry 7: The collection box will be attached to the system and will accept all Jordanian monetary denominations (coins and bills)
Please explain this sentence more.

Response 7: The collection box should be part of the system (not separate or detached) and should accept both Jordanian monetary coins and bills in all denominations.

Inquiry 8: The CMS will provide inventory management.
Give us more information about inventory management system.

Response 8: Inventory management is required to maintain proper logging and planning for ordering, and handling smart cards. The system involves processes that identify inventory requirements, set targets, provide replenishment techniques, report actual and projected inventory status and handle functions related to tracking and managing smart cards and reconciling of the inventory balances. The array of information stored will be determined during the analysis phase of this project.

Inquiry 9: The vendor will propose a mechanism for re-loading smart cards online (optional).
Optional items which may affect the price quotation. How will you investigate the offers fairly?

Response 9: Optional features must be clearly labeled in both technical and financial proposals.

Inquiry 10: The system must associate vehicle status with hard coded system timestamps which includes embedding input or configuration data directly into the source code of a program.
Please explain this sentence more.

Response 10: Please refer to Response 2 above.

Inquiry 11: Any tampering (physical and logical) with the mobile Gps/Gsm unit must be detected by the system.
Please give examples of tampering (physical and logical).

Response 11: Tampering is any un authentication or unauthorized alteration on operation of the system (Gps\Gms).

Inquiry 12: The financial proposal should include prices with and without advertising on the open side. (Under 2.3.1)

Does it mean that the bidders will submit two alternative offers?

Response 12: Yes.

Inquiry 13: There is a fare collection system in Amman. How will the integration be possible with this system in the future?

Response 13: In RFP (2.2) Electronic Fare Collection System, the electronic fare collection system scope requirements include planning, designing, installing, integration and implementation. Therefore integration one of system scope.

Inquiry 14: Will LTRC accept an offer based on percentage of collected money rather than a fixed monthly payment for the clearing house payment fees?

Response 14: This inquiry is unclear.

Inquiry 15: Does LTRC Commit to a minimum number of buses that will be equipped with the fare collection hardware

Response 15: Please refer to Appendix 5 of the RFP.

Inquiry 16: Will LTRC provide any kind of guarantee that the monthly Clearing House Management fees will be paid on time and without delays.

Response 16: Please refer to Response 5 above.

Inquiry 17: Please Confirm that the Clearing House will carry the whole student subsidy Amount for all students riding the bus in Jordan for a month and pay the full fare amount to bus companies on daily basis. In This case will LTRC provide any guarantees that subsidy amounts will be paid without delay after providing all the related reports.

Response 17: Confirmed.

Inquiry 18: Can LTRC guarantee that Bus companies and drivers will not resist the system and prefer that passengers pay cash?

Response 18: LTRC will play its role in supporting the success of the system.

Inquiry 19: How will LTRC deal with hardware that shows clear signs of vandalism?

Response 19: This inquiry is irrelevant.

Inquiry 20: What are the reasons behind cancelling the tender and re-issuing it again?

Response 20: This inquiry is irrelevant.

Inquiry 21: After Awarding of the Tender, The winner will present a 10% performance bond against value of the awarded project. Is there another pre-payment bond for another 10%? And is this an optional bond?

Response 21: Please refer to the Financial Terms in section 4.5 of the RFP.

Inquiry 22: Who are the companies that are participating in this Tender?

Response 22: Below is a list of the companies who have acquired the tender documents:

اسم الشركة
شركة اساس حقيقي لتقنية المعلومات
مؤسسة رتاج للتكنولوجيا والخدمات الفنية
الشركة الاقليمية العربية للتكنولوجيا والاتصالات
تقنيات المرور للشرق الاوسط
شركة المكعب الذكي لتكنولوجيا المعلومات
الشركة الاردنية لادارة وتتبع المركبات
THALAS
شركة تطوير الاتصالات
شركة نافذ للخدمات اللوجستية
مؤسسة الشخثوري التجارية
الشركة المتكاملة للبطاقات الذكية
الشركة الاردنية الدولية للحماية
شركة الملتقى للحلول التكنولوجية

Inquiry 23: For the purpose of sizing, kindly advise the expected number of users from LTRC.

Response 23: Please refer to RFP (3.4) knowledge transfer and training.

Inquiry 24: Regarding financial activities, is a full-fledged financial system required for financial settlement?

Response 24: Financial settlements are the responsibility of the Clearing House.

Inquiry 25: Kindly advise of any existing infrastructure.

Response 25: The only existing infrastructure is at LTRC. More information will be provided to the winning bidder.

Inquiry 26: How many bus garage/depots are there?

Response 26: Please refer to 5.2.4 Bus Stations

Inquiry 27: Would it be possible to change the implementation phase schedule as long as it is finished within the schedule as planned?

Response 27: Please refer to appendix (5.1) Project Implementation Phases

Inquiry 28: Are there any additional details regarding the equipment specifications?

Response 28: Please refer to RFP (2.4) General Requirements

(2.4.1 SYSTEM ARCHITECTURE)

It is expected that the vendor will propose equipment and software that are successfully tried and tested on systems used internationally.

<End of Vendor Inquiries>