

<b>Punjab Masstransit Authority</b>			
<b>Minutes of Meeting</b>			
Subject:	Pre-Bid Conference On Tender For Development, Implementation, Operations, and Long-Term Maintenance of Proven Globally Deployed Automated Fare Collection and Bus Scheduling System (AFC-BSS) for Feeder Routes in Lahore		
Date:	September 09, 2015	Time:	11:00 AM
Venue:	Committee Room, Punjab Masstransit Authority	Chair:	Mr. Muhammad Ozair Shah, General Manager Operations, PMA
Participants:	<p>List of Participants:</p> <ol style="list-style-type: none"> <li>1. General Manager Operations, PMA</li> <li>2. Manager IT, PMA</li> <li>3. IT Expert, PMA</li> <li>4. Manager Operations Technical, Lahore, PMA</li> <li>5. Manager Operations Planning, PMA</li> <li>6. Financial Specialist, PMA</li> </ol> <p>The list of prospective bidders who participated the Pre-Bid meeting is attached at Annex-A</p>		
<b>Question</b>		<b>Discussion/Decision</b>	
1. NEC requested for extension in bid submission time.	1. After discussion with all the prospective bidders and as per their agreement it was decided that the bid submission time will not be extended.		
2. Clarification regarding Clause No. 17 (Joint Venture/Consortium) that whether an Agreement deed is required or Memorandum of Understanding (MOU) would be sufficient for bid submission.	2. It is clarified that Memorandum Of Understanding (MOU) would also be acceptable for bid submission and Sub-Clause No. 17(a) is changed as follows  <i>The Tenderers may form a joint venture of maximum four Tenderers/bidders. An Agreement Deed <u>legally executed to that effect, or a Memorandum of Understanding (MOU)</u>, signed by all the partners shall be submitted with the bid.</i>		
3. Clarification regarding access point to the feeder route bus for maintenance in case any	3. The maintenance staff of the Service Provider will attend to the problem in the AFC-BSS equipment		

<p>AFC-BSS equipment installed in the feeder bus (i.e OBU, validator(s)) malfunctions.</p> <p>4. Clarification regarding fare media to be used on feeder routes.</p>	<p>installed in the bus at the feeder routes terminals (ends of feeder routes) once the bus reaches there; upon completing/aborting its trip.</p> <p>4. Only Smart Cards will be used on the feeder routes. The requirement of adequate solution for short/occasional or single journeys, based on re-usable RFID cards or RFID tokens is for metrobus system only as there will be no retention of fare media in the feeder routes system as opposed to metrobus corridor. The Sub-Clause 13.2 is changed as</p> <p><del>---For short/occasional or single journeys, Bidder must propose adequate solution based on re-usable RFID cards or RFID tokens.---</del></p> <p><del>---Fare rates will be determined by Government of Punjab and cost of media will not be transferrable to passengers purchasing tickets for single or daily journey.---</del></p>
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## ATTENDANCE SHEET

PRE-BID MEETING ON DEVELOPMENT, IMPLEMENTATION, OPERATIONS AND LONG-TERM MAINTENANCE OF PROVEN GLOBALLY DEPLOYED AUTOMATED FARE COLLECTION AND BUS SCHEDULING SYSTEM (AFC-BSS) FOR FEEDER ROUTES IN LAHORE

## ATTENDANCE SHEET

Place: Committee Room, PMA Office, 5th floor,  
Arfa Software Technology Park, Lhr

Date: 09/09/2015

Time: 11:00 AM

Sr. No.	Name of Organization	Name of JV Partner (if any)	Representative's Name & Designation	Contact No.	Email Address	Signature
1	Inbox		Shahjad AkSani	0300-8242565	shahjad.aksani@inboxbiz.com	Shahjad
2	Inbox		Rashid Chaudhary	0321-2428863	rashid.ch@inboxbiz.com	Rashid
3	Inbox		Zia Saleem	0300-8221984	zia.saleem@inboxbiz.com	Zia
4	AUTOBAR		HABIB - BDM	0333244455	HABIB@AUTOBAR.COM.PK	HABIB
5	Autobar		M. Wassem (Sales Executive)	034-474864	Mwassem@autobar.com.pk	M Wassem
6	TPL TRACKER		NASEER BHATTI	0300-8486666	naseer.ahmed@tplholdings.com	Naseer
7	TPL TRACKER		M. Tariq	0345-1278292	mutariq@csquareonline.com	Tariq
8	TPL TRACKER		BILAL AFZAL	0300-2012600	bilal.afzal@tplholdings.com	Bilal
9	SAJID <sup>NEC</sup> FAYYAZ JAPAN		SAJID FAYYAZ	0300-8562116	Sajid.fayyaz@nec-1sb.com.pk	Sajid
10	NEC JAPAN		GHULAM MUSTAFA	0305-309778	mustafa@nec-1sb.com.pk	Ghulam
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# Addendum No1 to Tender Document

DEVELOPMENT, IMPLEMENTATION, OPERATIONS AND LONG-TERM MAINTENANCE OF PROVEN GLOBALLY DEPLOYED AUTOMATED FARE COLLECTION & BUS SCHEDULING SYSTEM (AFC-BSS) FOR FEEDER ROUTES IN LAHORE



**THE PUNJAB MASSTRANSIT AUTHORITY**

**Government of the Punjab**

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# **Addendum No.1 to the Tender Document**

Due to some clarifications required in the RFP document, the following addendum is hereby issued; which shall form a part and parcel of the original document titled

**"DEVELOPMENT, IMPLEMENTATION, OPERATIONS AND LONG-TERM MAINTENANCE OF PROVEN GLOBALLY DEPLOYED AUTOMATED FARE COLLECTION & BUS SCHEDULING SYSTEM (AFC-BSS) FOR FEEDER ROUTES IN LAHORE"**

, issued and uploaded on September 01, 2015. The contents of this addendum shall supersede/replace pages 22 and 28 of the original RFP document, and shall be read as part of the RFP document uploaded on the following websites:

[www.pma.punjab.gov.pk](http://www.pma.punjab.gov.pk)

[www.ppra.punjab.gov.pk](http://www.ppra.punjab.gov.pk)

### **13. Key components of the solution**

#### **13.1 Validators**

Each turnstile needs to be equipped with validator(s) for each type of media to be used. As a policy, on feeder routes each mini bus needs to be equipped with one(01) validator and each standard bus needs to be equipped with two(2) validators for onboard ticketing through RFID Smart card. The Validator in the bus shall be used both for Tap-in and Tap-out.

#### **13.2 Fare Media / Tickets**

RFID Smart Cards (stored value) for long term planned repeated journeys is a must, coupled with passenger registration module.

Required number of cards necessary to efficiently serve passenger volumes must be in stock with the chosen vendor at all points of time – this is must to ensure that no shortages of fare media occur at any given time. At no point should the tickets be short at any sale point on feeder routes.

**Note:** Fare rates will be determined by Government of Punjab and cost of media will not be transferrable to passengers purchasing tickets. However the smart cards will be refundable and issued to the general public against a security deposit which is fixed at Rs 130/- per smart card.

#### **13.3 Automated Fare Collection and Fare Policy**

Passengers will be charged distance based fare. Proposed AFC-BSS must be able to handle fare policies based on flat rate, zones/stages, as well as distance travelled. Proposed AFC-BSS must also be able to handle the full fare, concessional fare and free fare policies. Proposed AFC-BSS must cater to on-board as well as off-board ticketing modes and be able to handle transfers across on-board and off-board ticketing modes.

#### **13.4 Top Ups/Printing Tickets and Refunds**

Ticket Office Machines are to be made available by the AFC-BSS Solutions Provider, at sale points on feeder routes, to issuing charged cards with the desired amount paid by the passenger. Ticket office Machines will only work if they contain balance amount that can be transferred onto the fare media. Ticket Office Machines (Top up Machines) must reliably transmit transactional data to any intermediary system and/or central database. Ticket Office must be able to refund any reported incidents of overcharging after due diligence to passenger, if it is agreed that such reimbursements are to be adopted as policy. All such functionality must be a typical feature of proposed Top up Machine and AFC-BSS. Every sale point must have at least one top up machine available in fully functional condition at any point of time.

#### **13.5 Portable Validators (as backup)**

Portable validators will be used as backup medium in case of any failure and to validate entry of passengers in the buses on the feeder routes.

#### **13.6 Bus Scheduling and Vehicle Location System**

Concerned authority of the PMA must be able to enter bus schedule into the system using Bus

- 15.1.5 has the required relevant qualified personnel and enough financial and technical strength to fulfill the requirements.
- 15.1.6 Conforms to the clause of “Responsiveness of Bid” and “Preparation/Submission of Tender” given herein this tender document.
- 15.1.7 Verifiable proof for all the above shall be required.
- 15.1.8 Local companies forming part of the joint venture must be registered under the prevailing related rules or Companies Ordinance and Punjab Revenue Authority(PRA).

## **16. Tender Cost**

The Tenderer/bidder shall bear all costs / expenses associated with the preparation and submission of the bid and the Purchaser shall in no case be responsible / liable for those costs / expenses.

## **17. Joint Venture / Consortium**

Joint ventures or Consortium are also eligible for this tender, as long as the joint venture complies with the following conditions:

- a. The Tenderers may form a joint venture of maximum four Tenderers/bidders. An Agreement Deed **legally executed to that effect, or a Memorandum of Understanding (MOU)**, signed by all the partners shall be submitted with the bid.
- b. One partner of formulated joint venture will be designated the lead partner and would be get into legal contract with Purchaser and would be liable to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners. A power of attorney to that effect, legally executed, signed by all the partners shall be submitted with the Tender/bid.
- c. There must be at least one locally registered company (Partner) of good repute, with relevant experience and proven track record, in the joint venture.
- d. All the partners shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The Tender, and in case of successfully qualifying both technical and financial evaluation, the Contract Deed, to that effect, shall be signed by the lead partner.
- e. Partners other than the lead would also be bound by the terms and conditions of the contract.
- f. No partner of the formulated Joint Venture can be replaced or removed without the prior approval of the Purchaser.

## **18. Examination of the Tender Document**

The Tenderer is expected to examine the Tender Document, including all instructions and terms and conditions thereof.

## **19. Amendment of the Tender Document**

- 19.1** The Procurer may, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).
- 19.2** The Procurer shall notify the amendment(s) in writing to the prospective Tenderers.
- 19.3** The Procurer may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender, in which case all rights and obligations of the