

<b>Punjab Masstransit Authority</b>			
<b>Minutes of Meeting</b>			
Subject:	Pre-Bid Conference On Tender For Provision, Commissioning, Installation, Calibration, Integration, Testing, and Execution of IT Systems (CCTV Surveillance, Connectivity And Video Wall) For Metrobus System in Multan.		
Date:	December 29, 2015	Time:	03:00 pm
Venue:	Committee Room, Punjab Masstransit Authority	Chair:	Mr. Muhammad Ozair Shah, General Manager Operations, PMA
Participants:	List of Participants: <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. Financial Specialist, PMA</li> </ol> The list of prospective bidders who participated the Pre-Bid meeting is attached at Annex-A.		
<b>Question</b>		<b>Discussion/Decision</b>	
1. Clarification regarding clause 63 of “Delivery time”		1. After due deliberation with prospective bidders the delivery time is reduced from 120 days to 100 days from the issuance of Acceptance Letter.  The sub-clause 63.1 is updated as “The IT Systems setup delivery time is one hundred <del>and sixteen</del> (120)(100) calendar days from the issuance of Acceptance Letter (LOA) with complete deployment, commissioning and installation. Accordingly, Clause75 “Special stipulation” part: “Start operation of Services after installation, configuration, deployment, commissioning, testing, and training” is updated as “Fully functional IT Systems setup for 21 stations, corridor and command and control center of PMA within <del>420</del> 100 Calendar Days from the issuance of LOA”.	

<p>2. A typo error identified in “2 Megapixel Outdoor IR PTZ Camera for Metrobus Corridor and Stations specification part ‘Image Sensor’”.</p>	<p>2. The ‘Image Sensor’ specs are corrected as <del>4/2</del> 2MP.</p>
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ATTENDANCE SHEET

PRE-BID MEETING ON PROVISION, COMMISSIONING, INSTALLATION, CALIBRATION, INTEGRATION, TESTING AND EXECUTION OF IT-SYSTEMS (CCTV SURVEILLANCE, CONNECTIVITY AND VIDEO-WALL) FOR MULTAN METROBUS SYSTEM

ATTENDANCE SHEET

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

Date: 29/12/2015

Time

3:00 PM

Sr. No.	Name of Organization	Name of JV Partner (if any)	Representative's Name & Designation	Contact No.	Email Address	Signature
1	Inbox		Ali Shiehbaz	0333-4466791	ali.shiehbaz@interbiz.com	
2	Inbox		Mustasim Azhar	0333-4432449	mustasim.azhar@interbiz.com	
3	vital		Tahni Hameed	0333-4242649	Tahni@vitalgroup.com.pk	
4	Vital		Salman Anwar	0321-4392149	salman@vitalgroup.com.pk	
5	Interactive Group (IAC)		Saqib Saleem	03335142012	Saqib.Saleem@iacgrp.com	
6	Interactive Group		M. Asif Tareen	0333-384815	asif.tareen@iacgrp.com	
7	Interactive Group		ARSIAN ANWAR	0332-7548773	arsian.anwar@iacgrp.com	
8	Interactive Group		M-Umer Rauf	0333-3901510	umer-rauf@iacgrp.com	
9	Interactive Group		Asif Baig	0330-4840331	asif.baig@iacgrp.com	
10	GCS (Pvt Ltd)		Ahmad Raja Awan	0333-8016066	Ahmad.Raja@gsprvt.com	
11	GCS PVT LTD		M. Zahid Farooq	0333-4447774	Zahid.farooq@gsprvt.com	
12	PROLINEUK ELECTRONICS		AHMED ALI	0321-4466685	PROLINEPK@YAHOO.COM	
13	Interactive Group		Sami Farooqi	03458552102	Sami.farooqi@iacgrp.com	
14						
15						

## **Addendum No1 to Tender Document**

**PROVISION, COMMISSIONING, INSTALLATION, CALIBRATION,  
INTEGRATION, TESTING, AND EXECUTION OF IT SYSTEMS (CCTV  
SURVEILLANCE, CONNECTIVITY AND VIDEO WALL) FOR MULTAN  
METROBUS SYSTEM**



### **THE PUNJAB MASSTRANSIT AUTHORITY GOVERNMENT OF THE PUNJAB**

5<sup>th</sup> Floor, Arfa Software Technology Park (ASTP)

346-B, Main Ferozpur Road, Lahore, Pakistan.

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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

**"Provision, Commissioning, Installation, Calibration, Integration, Testing and Execution of It-Systems (CCTV Surveillance, Connectivity And Video-Wall) For Multan Metrobus System"**

, issued and uploaded on December 23, 2015. The contents of this addendum shall supersede/replace pages 50, 54 and 89 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)

**59.2** In case of non-compliance with instructions, non-cooperation or other difficulties experienced by the Contractor with regard to any of these personnel, the Contractor shall apprise the Purchaser / Client and proceed to implement suitable remedial measures after consultation with them.

**60. Standards**

The Goods and the Services supplied under this Contract shall conform to the authoritative latest/leading industry standards and best practices.

**61. Commercial Availability**

The Goods/Equipment/Software/Items and Services supplied under this Contract shall be commercially available at the time of signing of the contract. Commercial availability means that such Goods/Equipment/Software/Items shall have been sold, installed and operationalized in at least one(01) installations globally and comply to open standards as listed in the tender document.

**62. Labeling**

The Goods/Equipment/Software/Items supplied under the Contract, shall be clearly labeled so as to correspond with the delivered documentation, with proper labeling scheme. All equipment, cables, connectors, ports, boxes shall be clearly labeled.

**63. Delivery**

**63.1** The IT Systems setup delivery time is **one hundred (100)** calendar days from the issuance of Acceptance Letter (LOA) with complete deployment, commissioning and installation. The Contractor shall deliver the services at Multan, as specified by The Purchaser/The Client.

**63.2** The Goods/Equipment/Software/Items shall remain at the risk and under the physical custody of The Contractor until the delivery/commissioning in the live environment is completed.

**63.3** The Contractor shall ensure that the Goods/Equipment/Software/Items shall be delivered complete to enable the testing to proceed without interruption. If it shall appear to The Purchaser that the Goods/Equipment/Software/Items have been or are likely to be delayed by reason of incomplete delivery or for any other reasons, he may require the Contractor to dispatch the missing items of the Goods/Equipment/Software/Items or suitable replacements thereof, at the Contractor's expense, to the site of delivery by the fastest available means including air freight.

**63.4** The Contractor will deliver all the equipment in the contractor warehouse and intimate the Purchaser to inspect the Goods/Equipment/Software/Items. Purchaser will nominate the inspection team and will issue a certificate. All the expenses related to the warehousing and inspection will be borne by the contractor.

**64. Installation and Implementation**

**64.1** The Contractor shall ensure that the implementation design conforms to an open standard by which new Goods can be added without disruption to existing Goods/Equipment/Software/Items.

**64.2** The Contractor shall ensure that the implementation is fault tolerant. This is accomplished by supplying a set of programs and procedures that allow the system recovery or roll back when a fault is detected.

**64.3** The Contractor shall provide all the recent patches and updates for Software

75. Special Stipulations

<b>SCHEDULE-A, SPECIAL STIPULATIONS</b>	
<b>For ease of Reference, certain special stipulations are as under:</b>	
<b>Tender Security</b>	<p>Tender security should be submitted by the Bidder.</p> <p>The Contractor shall furnish the Tender Security as under: Demand Draft / Pay Order / Bank Guarantee, issued by a scheduled bank operating in Pakistan, in the name of the Client, , as per the format provided in the Tender Document[Annexure-G] or in another format acceptable to the Purchaser; for a sum of PKR ten (10) million; denominated in Pak Rupees;</p> <p>Have a minimum validity period of one hundred and eighty days (180) from the last date for submission of the Tender or until furnishing of the Performance Security, whichever is later</p>
<b>Performance Security</b>	<p>The successful Contractor shall furnish Performance Security as under: within ten (10) working days of the receipt of the Acceptance Letter from the Purchaser; in the form of a Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per the format provided in the Tender Document to the Purchaser; denominated in Pak Rupees; Have a minimum validity period of one year from the date of Award Notification or until the date of expiry of yearly support period. The technically and financially successful tenderer submit a sum equivalent to 10% of the yearly contract value, for a period of one year, on a yearly basis, with an undertaking to renew the Bank Guarantee before the end of each year, one month before the expiry period of the submitted bank guarantee.</p>
<b>Start operation of Services after installation, configuration, deployment, commissioning, testing, and training</b>	Fully functional IT Systems setup for 21 stations, corridor and command and control center of PMA <b>within 100 Calendar Days</b> from the issuance of LOA.
<b>Liquidated damages for failure / configuration of Services by the Contractor</b>	If the Contractor fails / delays in performance of any of the obligations except in situations of force majeure, under the Contract, or violates any of the provisions of the Contract or commits breach of any of the terms and conditions of the Contract; the Purchaser may, without prejudice to any other right of action / remedy it may have, deduct from the Contract Price, as liquidated damages, a sum of money as per following schedule:

<b>2 Megapixel Outdoor IR PTZ Camera For Metrobus Corridor and Stations</b>		<b>Yes</b>	<b>No</b>	<b>Qty</b>
Specification	Details			200
Image Sensor	2MP			
WDR	Dual Shutter upto 110 Db			
Num. of Effective Pixels	1920 x 1080 HxV			
Lens	30 X or higher Optical Zoom, 4.5 ~ 135mm F1.6			
Minimum Illumination	0.1 Lux, 0 lux (IR:ON)			
Shutter Time(Sec.)	1/3~1/15000 or 1/4~1/15000 Selectable			
Auto Iris	DC Drive			
S/N Ratio	More than 39 dB or above			
Video Compression	Motion JPEG, MPEG-4/H.264 High Profile			
H.264/MJPEG	30 FPS @ 1080p, 720p, SXGA, 1024x768, 800x600, D1, VGA, QVGA, QQVGA			
MPEG4	30fps @ 1080p, 720p, SXGA / 1024 x 768 / 800 x 600 / D1 / VGA / QVGA / QQVGA			
Video Streaming	Multiple Stream: Controllable Framerate and Bandwidth CBR/VBR			
Image Setting	Compression, Brightness, Contrast, Mirroring, Sharpness, AWB, AES, AGC, BLC, Day/Night Mode, WDR			
Audio Compression	G.711(u-law and a-law)/G.726/AAC			
Audio Input	Line In x 1			
Audio Output	Line Out x 1			
Security	Password Protection, IP Address Filtering, User Access Privilege			
Network Protocols	TCP/IP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DynDNS, NTP, FTP, SMTP, UDP, RTP, RTSP, RTCP, , UPnP, IPv4, SAMBA Client(NAS) or equivalent, IGMP, ICMP, ARP			
Intelligent Video	Video Motion Detection			
Alarm Trigger	Periodical Timer, Intelligent Video, Network Ping Loss, Network Disconnect			