

Punjab Masstransit Authority

Minutes of Clarification Meeting

Subject: PROVISION, INSTALLATION, TESTING, CALIBRATION, COMMISSIONING AND INTEGRATION OF IT-SYSTEMS (VIDEO WALL AND CONTROLLER WITH ALLIED EQUIPMENT) FOR MULTAN METROBUS SYSTEM

Date: February 29, 2024

Time: 1500 Hours

Venue: Committee Room, Punjab Masstransit Authority Lahore

Chair: Mr. Muhammad Ozair Shah,
General Manager (Operations)
PMA

- Participants:** List of Participants:
1. M. Farooq Sadiq, Secretary, PMA
 2. Mr. Raheel Qutab, Manager IT, PMA
 3. Mr. Rahman Afzal, Manager Finance, PMA
 4. Mr. Muhammad Yasin, IT Expert (Surveillance & Networking), Multan, PMA (on video link)
 5. Mr. Basit Mujeeb, Deputy Manager IT, Multan, PMA (on video link)
 6. Mr. Muhammad Asim, Assistant Manager IT, Lahore, PMA
 7. Mr. Hammad Naveed Jaura, Network Administrator, Multan PMA
 8. Mr. Muhammad Musadiq Khan Wattoo, Chief (Eco. Dev/Transport), P&D.
 9. Ms. Attiya Qamar, Section Officer NTS, Transport Department.
 10. Mr. Ali Raza, Joint Director, Punjab Information Technology Board (PITB)

The list of representatives of prospective bidders is attached as Annex-B.

DECISIONS / DISCUSSIONS

The meeting started at 1500 Hours. Mr. Muhammad Ozair Shah, General Manager (Operations), PMA formally welcomed the participants and started meeting. General scope of work of the project was elaborated to the participants. Question and Answer session was conducted afterwards. Detailed Minutes of Meeting are attached as **Annex-A**.

The list of participants is attached as **Annex-B**. The meeting ended at 1645 Hours with a note of "Thanks".

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| RESPONSE TO THE BIDDER'S QUERIES | | |
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| Sr. | QUERIES / COMMENTS | PMA'S RESPONSE |
| 1 | All prospective bidders requested to extend the delivery period from 90 to 120 days on account of delays being faced currently for opening of LCs etc. | After discussion with all the prospective bidders, it was decided that the IT-Systems setup delivery time is hereby extended to <u>One Hundred and Twenty calendar days (120) from the issuance of LOA.</u> Accordingly, the Clause 64.1 and Clause 79 of RFP are updated. |
| 2 | M/s Vital International and Ideal Business Products (IBP) suggested to reduce the maximum bezel width of 3.5 mm of video wall screens. | It is clarified that as per the specifications given at Annex-C of the RFP document, the bidder can quote a video wall solution with bezel width of 3.5 mm or lesser (Ultra- Narrow bezel to bezel). |
| 3 | M/s Vital International and Ideal Business Products (IBP) suggested to make following adjustments/changes in the specifications of video wall screens given at Annex-C of the RFP: i) The brightness of video wall screens may be reduced from 700 nits to 500 nits. ii) The input connectivity requirement may be reduced from 2 HDMI ports to 1 HDMI port. iii) The requirement of USB port may be removed. | It is clarified that the mentioned specifications are generic and suggestions are hereby denied. |
| 4 | M/s Vital International requested to increase the percentage of payment at delivery of equipment stipulated in the RFP. | It is clarified that schedule of payment given under Clause 41 i.e. "Payment" is evaluated and found that no change is required in this regard. Hence, the request is denied. |
| 5 | M/s Vital International and Ideal Business Products (IBP) inquired about the software updates. | It is clarified that Clause 67 i.e. "Software Updates" of RFP is self-explanatory regarding the software update during the currency of the project. |

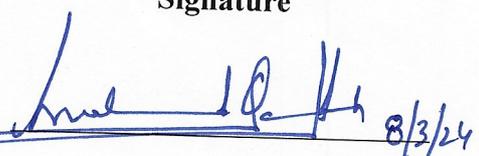
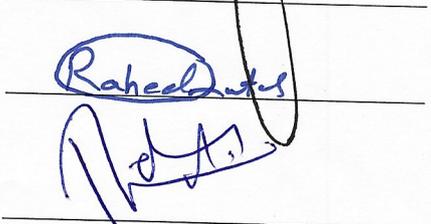
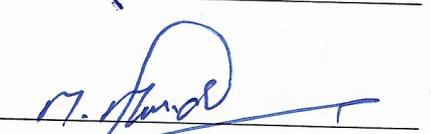
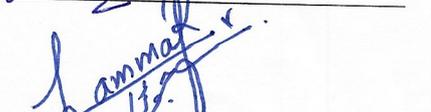
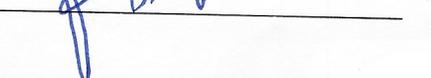
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| 6 | M/s Ideal Business Products (IBP) inquired about the functionality of Video Wall and quantity of CCTV cameras to be displayed on Video Wall. | It is clarified that as per Clause 7.4 i.e. "Key Components of the Project" of the RFP, the bidders will be required to connect/integrate Video Wall with Workstations of Command and Control Center. The Video Wall will operate as a receiving and view point for real-time CCTV video feed, playback and statistical/ graph etc. of AFC-BSS System etc. that are available for viewing at workstations and/or for display on the video-wall. |
| 7 | M/s Ideal Business Products (IBP) inquired about the need of special hardware as mentioned at page 61 of the RFP. | It is clarified that there is no requirement of any special hardware and the last paragraph of page 61 of the RFP is self-explanatory, which states as under: <i>"enable operators to access and display the screen contents of any Windows Workstation in the LAN as well as control it with the local keyboard and mouse without a need for special hardware".</i> |
| 8 | M/s LMKT inquired about the requirement for the integration of Video Wall with the Network Monitoring System (NMS). | It is clarified that refer Annex-G i.e. "Responsibility Matrix" of the RFP; the successful bidder will be required to facilitate Integration of Video Wall System with NMS through SNMP protocol. |
| 9 | M/s LMKT inquired about the "Certification of Employment" criteria given at Sr. No. 3 of Annex-A i.e. "Technical Evaluation Criteria" of the RFP | It is clarified that as per the laid down evaluation criteria in the relevant section of the RFP; the bidder is required to furnish employment certificates of its employees to certify the current employment status along with their CVs. |
| 10 | M/s Vital International inquired that whether the Video Wall Screens will be installed/mounted on the Wall or Stands. | It is clarified that as per the requirements given at Annex-C i.e. "Specifications"; the Video Wall Screens will be deployed securely on Stands instead of Wall. It is further clarified that the stands and associated brackets etc. has to be supplied by the successful bidder in accordance with Clause 63 i.e. "Standards" of the RFP. |
| 11 | M/s Vital International inquired about the connectivity and integration of Video Wall with UPS and Earthing requirement for Video Wall. | It is clarified that the successful bidder will be required to perform the connectivity/integration of Video Wall solution with UPS and the Earthing System in accordance with RFP Clause 7.4.6 |

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| | | <p>“Electricity and Power Backup” and Clause 7.4.4 “Earthing Requirement” respectively. Moreover, it is further clarified that the Contractor will connect the equipment’s with the established earthing system without responsibility of conducting earthing bore.</p> <p>However, it is also clarified that the prospective bidder can conduct a site survey in this regard.</p> |
| 12 | M/s LMKT requested to extend bid submission deadline. | It is clarified that sufficient time has already been granted in the RFP for the submission of bid. Hence, the request is denied. |

| Name | Designation | Signature |
|----------------------------------|---|--|
| Mr. Muhammad Ozair Shah | General Manager Operations, PMA |  8/3/24 |
| Mr. Farooq Sadiq | Secretary, PMA |  |
| Mr. Raheel Qutab | Manager IT, PMA |  |
| Mr. Muhammad Rehman Afzal | Manager Finance, PMA |  |
| Mr. Muhammad Musadiq Khan Wattoo | Chief (Eco. Dev./Transport), P&D |  |
| Ms. Attiya Qamar | Section Officer NTS, Transport Department |  |
| Mr. Ali Raza | Joint Director, Punjab Information Technology Board (PITB) |  |
| Mr. Muhammad Yasin | IT Expert (Surveillance & Networking), Multan, PMA (via Zoom) |  |
| Mr. Basit Mujeeb | Deputy Manager IT, Multan, PMA (via Zoom) |  |
| Mr. Muhammad Asim | Assistant Manager IT, Lahore, PMA |  |
| Mr. Hammad Naveed Jaura | Network Administrator, Multan PMA |  |

Annex-B

ATTENDANCE SHEET - CLARIFICATION MEETING TENDER FOR PROVISION, INSTALLATION, TESTING, CALIBRATION, COMMISSIONING AND INTEGRATION OF IT-SYSTEMS (VIDEO WALL AND CONTROLLER WITH ALLIED EQUIPMENT) FOR MULTAN METROBUS SYSTEM

ATTENDANCE SHEET

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

Date: 29/02/2024

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 | Vital International | — | Safwan Hamza Sales Engineer | 03028441255 | safwan@vitalgroup.com.pk | |
| 2 | " | — | Zafar LATIF ZONAL MANGER SALES | 03004127276 | zafar@vitalgroup.com.pk | |
| 3 | LMKT Pvt Ltd | LMK Resources Pakistan Pvt Ltd. | Mustafiz Ahmed. A.M Operation | 0336-8567164 | Mahmad@lmkt.com | |
| 4 | Company Computer Marketing | CMT | Atif Bukhari | 0302-5556422 | Byedalif@cmc.net.pk | |
| 5 | Ideal Business/Pakistani | IBP | Muhammad E. J. Sol. | 0333 4289359 | mdecar@ibpworld.com | |
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29/2/24
Page 1/1

**Addendum No. 1 to Tender Document
PROVISION, INSTALLATION, TESTING,
CALIBRATION, COMMISSIONING AND INTEGRATION
OF IT-SYSTEMS (VIDEO WALL AND CONTROLLER
WITH ALLIED EQUIPMENT) FOR MULTAN
METROBUS SYSTEM**



THE PUNJAB MASSTRANSIT AUTHORITY
GOVERNMENT OF THE PUNJAB
5th Floor, Arfa Software Technology Park (ASTP)
346-B, Main Ferozepur Road, Lahore, Pakistan.
Phone: +92 42 99028000 Fax: +92 42 9923 2541
URL: www.pma.punjab.gov.pk

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, INSTALLATION, TESTING, CALIBRATION, COMMISSIONING AND INTEGRATION OF IT-SYSTEMS (VIDEO WALL AND CONTROLLER WITH ALLIED EQUIPMENT) FOR MULTAN METROBUS SYSTEM

issued and uploaded on February 26, 2024. The contents of this addendum shall supersede/replace on pages 40 and 46 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

www.ppra.punjab.gov.pk

in the tender document.

62. LABELING

The Goods/Equipment/Software/Items maintained under the Contract shall be clearly labeled such that no Goods/Equipment/Software/Items remain without labeling during the Contract period, so as to correspond with the delivered documentation, with proper labeling scheme. All equipment, cables, connectors, ports, boxes shall be clearly labeled.

63. STANDARDS

- 63.1** The Goods and Services supplied under this Contract shall conform to the authoritative latest/leading industry standards and best practices.
- 63.2** The replaced goods shall not generate interference that could adversely influence the operation of other hardware, whether or not directly interfaced to it. The Contractor shall ensure that all replaced parts under this contract work on open communication standards / protocols enabling connection to central control systems from different manufacturers.
- 63.3** The Service Provider shall submit an undertaking to guarantee the availability of the spare parts for all systems and sub-systems offered under this contract for a period of ten (10) years from the date of expiry of initial warranty period of all hardware, software, and goods forming part of the IT-Systems to the Client.
- 63.4** The Service Provider shall be responsible to take all necessary permissions, no objection certificates, clearances, etc. with the regional departments and relevant authorities.

64. DELIVERY

- 64.1** The IT-Systems setup delivery time is ~~Ninety (90)~~ **One Hundred and Twenty (120)** calendar days for delivery of hardware and software from the issuance of Acceptance Letter (LOA) with complete deployment, installation and commissioning. The Contractor shall deliver the services at Multan, as specified by the Purchaser.
- 64.2** 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.
- 64.3** 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 IT-Systems or suitable replacements thereof, at the Contractor's expense, to the site of delivery by the fastest available means including air freight.
- 64.4** 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 subject to satisfactory report of the inspection team. All the expenses related to the warehousing and inspection will be borne by the Contractor. The Contractor shall notify in writing to the Purchaser regarding its readiness for such inspection and the Purchaser shall complete the inspection within 15 days of the receipt of such notice.

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| <p>Signing of Contract</p> | <p>The Client shall, after receipt of the Performance Security from the successful Bidder, send the Contract provided in the Tender Document, to the successful Bidder. Within ten working days of the receipt of such Contract, the Bidder shall sign and date the Contract and return it to the Client.</p> |
| <p>Start operation of Services after Provision, installation, configuration, deployment, commissioning, testing, and training</p> | <p>Fully functional IT-Systems setup for Command and Control Center Multan Metrobus System of PMA within Ninety (90) One Hundred and Twenty (120) Calendar Days from the issuance of LOA.</p> |
| <p>Liquidated damages for failure / configuration of Services by the Contractor</p> | <p>a) In case of non-compliance of delivery schedule as per the tender document/ LOA/ Contract or if the Contractor fails/ delays in performance of any of the obligations, violates any of the provisions commits breach of any of the terms and conditions mentioned vide subject tender document, 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:</p> <p>LD per day = (Factor F x Performance Guarantee/100)</p> <p>For 0 – 10 days Factor F = 0.25</p> <p>For 11– 20 days Factor F = 0.50</p> <p>For 21 – 30 days Factor F = 0.75</p> <p>For 31 days and above, Factor F =1.00</p> <p>b) LDs shall be attributable to such part of the Services/Works as cannot, in consequence of the failure / delay, be put to the intended use, between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s) (This penalty may also be invoked on the commitments given by the Contractor in the Technical proposal). However, LDs shall be levied only if the Purchaser; for Command & Control Center; hands over the site to the Contractor and allows a period of no less than 15 days for execution of services; and that the said period of 15 days has elapsed.</p> |