

Supplying Imagine Communication Multiviewers and Ross Acuity ME1/ME2 Board



1. Introduction

Ministry of Information - MOI invites specialist bidders to quote their best prices for supplying and guarantying Imagine Communication Multiviewers and Ross Acuity ME1/ME2 Board for an existing (Imagine Communication Router/ Platinum IP3 15RU Frame) and (Vision Mixer Ross Acuity 8RU) in the OB VANS. incorporating the latest technology and according to this tender requirements & specifications.

Conditions and specifications stated in this document represent the minimum requirements needed to execute this project.

Any other work/s needed to fulfill this target and not explicitly mentioned in this document, must be stated and priced in the BOQ, otherwise it/they will be executed - free of any charge to MOI by the contractor and without any variation order.

All offered equipment and required works shall be of the latest state-of-the-art technology.

The equipment should be capable of withstanding the harsh conditions of temperature, humidity, and dust which exist in **THE STATE OF KUWAIT**.

2. General Conditions:

- 2.1 Any amendments foreseen by the supplier shall be clearly stated upon submitting the technical and financial offer.
- 2.2 Offers which deviate from this tender specifications and conditions will be automatically rejected.
- 2.3 The available AC Line Voltage is 240V +/- 10%, 50Hz.
- 2.4 Bidder must submit clear compliance table indicating, whether they are complying or not to **each paragraph using the same numerical order**. In case of not complying, detailed explanation must be given.
- 2.5 The specifications in this tender document represent the minimum requirements of the Ministry of Information. Due to rapid change and improvements in technology, the bidder shall submit a letter with his offer confirming that at the time of executing of project, he shall supply the latest versions of the specified equipment as hardware & software, at no extra cost.
- 2.6 At the time of approvals of equipment for the project, if a new equipment from the same manufacturer and same category with a new improved technology or format is introduced and it is required by Ministry of Information, bidder shall be asked to replace the quoted equipment with this newly developed equipment at no extra cost.

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- 2.7 In case any of the equipment has been discontinued, at the time of execution of project, it shall also be replaced with the successor model of the same or better specifications at no extra cost to the contract value.
- 2.8 An approval, to finalize the equipment, must be obtained from the assigned engineering team of the Engineering Department of Ministry of Information, before execution of the project.
- 2.9 In case of deviations from tender specifications, the bidder shall give detailed reasons for the deviations, and must take approval from MOI engineers of OB section.
- 2.10 The equipment offered shall meet the CCIR recommendations and the technical specifications of this tender.
- 2.11 All boards must work reliably in open areas under the ambient temperatures of winter and summer seasons of Kuwait. Special attention shall be given to high dust contents in the atmosphere.
- 2.12 Operation and maintenance manuals shall be in English.
- 2.13 **Itemized prices shall be given for every item of the offer.** Detailed prices shall also to be given. The bidder shall offer a B.O.Q including All parts and accessories in detailed with its prices of all equipment.
- 2.14 The bidder shall include items which are not listed in this document but are needed to complete the system. It is the bidders responsibility to ensure that his offer shall make a working system, and free from any technical or operational problems.
- 2.15 Meeting with tenders for clarifying any further questions should be held before submitting the offers.

3. Technical specifications

3.1 Imagine Communication Multiviewers module PX-SXP-16x3 Qty: 1

-Imagine Communication Multiviewers for (Imagine Communication Router/Platinum IP3 15RU Frame)

- 16 unique 3G/HD/SD signals across 3x HDMI and 3x HDSDI outputs Embedded audio, UMD/Tally, alarms and Platinum Designer included as standard.
- VIDEO INPUTS
 - Input Standards: 3 Gb/s: SMPTE 424M (2.97, 2.97/1.001 Gb/s)
HD: SMPTE 292M (1.485, 1.485/1.001 Gb/s)
SD: SMPTE 259M-C (270 Mb/s, 525/625)
 - Input Resolutions: 1080p 59.94/50/23.98psf, 1080i 59.94/50, 720p 59.94/50,
SDI 525, SDI 625, PAL, NTSCFgf
- VIDEO OUTPUTS
 - HDMI
 - Number of Outputs: 3
 - Output Resolution 1920x1080p 59.95/50
 - Connector: HDMI
 - HD-SDI
 - Number of Outputs: 3
 - Output Resolution: 1920x1080p 59.95/50, 1920x1080i 59.95/50
 - Connector: HD-BNC

NOTE: The multiviewer module must include all parts needed to work in Platinum IP3 15RU Frame providing the required number of MV.

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3.2 Vision Mixer Ross Acuity 8RU ME Board with 2 Buses

Qty: 1

-VIDEO PROCESSOR, 4800AR-043-03E PCBA

NOTE: the proper board needed to make ME1/ME2 work.

END OF SPECIFICATIONS

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BOQ:

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Item	Description	Qty.	Unit price K.D
3.1	Imagine Communication Multiviewers module PX-SXP-16x3 (whole parts of Multiviewers module are included)	1	
3.2	Vision Mixer Ross Acuity 8RU ME Board with 2 Buses	1	