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IIT Indore

NIT No.: IITI(MM)/ AQ/1/1A/39/MS/2018-2019

May 21, 2018

Pre-bid Report

Pre-bid queries and Responses for “IITI(MM/AQ/1/1A/39/MS/2018-2019”
dated 27/04/2018 for “Supply of “VIDEO CONFERENCING SYSTEM, CONTROL SYSTEM, AUDIO SYSTEM WITH WIRELESS /FIXED MICROPHONES”

The meeting for Pre-bid discussion and presentation was held at IIT-Indore on 18/05/2018 at 02.00 PM. The report of the meeting is as below. All prospective/willing bidders are requested to take note of this report as part of the Tender document.

| Sl. No. | Query raised by | Reference of the Tender Doc. | Query/Clarification/Deviation sought | Clarification/ Response from IITI | Remarks |
|---------|--|--|--|--|---------|
| 1. | M/s. Extron Electronics Asia Pte Ltd | Page No:21,Item 7, HDMI 8x8 Matrix Switcher, 1:4 HDMI to Twisted pair distribution amplifier system/switcher inbuilt with 1x HDMI input, Output: 4x Twisted pair/ HDbaseT, 1x HDMI local output (Inbuilt/External). Supporting audio, video, control, power upto distance of min 70mtrs or more, 4K resolution support | Item Description is for a HDMI matrix switcher with 8input & 8 output, but the specification detail is about a 1:4 HDMI to Twisted Pair Distribution amplifier, which are two different products & contradictory. Kindly confirm on the specifications of the HDMI 8x8 Matrix Switcher to be considered | Please consider the line item as 8 Input and 8 Output HDMI Matrix Switcher against item No. 7. As per below revised specifications | |
| | | | | Revised Specifications for the switcher should be read as : HDMI 8x8 Matrix Switcher : 4K resolution, with HDMI audio de-embedding facility (Inbuilt/External-Supplied with HDMI de-embedder) , Inputs: 8x HDMI, Output: 8x HDMI, 1x Audio output (Internal/External through de-embedder). Should support resolution upto 4K/60. HDMI data rate of 10.2 Gbps or more. HDCP 2.2 compliant & EDID management. Should have HDMI audio breakaway facility. Should have input signal & output signal conditioning feature to ensure compensation of signal loss on longer cable. Controls: front button panel, RS232/ Ethernet | |

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| 2. | Technical Specification | Page No:22,Item 8, HDMI Extender over Cat6 with HDbaseT-Lite: HDMI Extender over Cat6 with HDbaseT-Lite: SITC of Cat6 HDMI HDbaseT-lite Extender, resolution Support 4K upto 40 meters and 1080p upto 70mtrs MDR 10.2 Gbps, RS232, IR, POH Bi-directional | Kindly confirm if this is a transmitter or a receiver or a set of transmitter & receiver. Such transmitters & receivers comes as separate items & do not come as a set. | Please consider the line item 8 as a Set of Transmitter and Receiver. Vendors can quote combined price of Transmitter and Receiver as one set. | |
| 3. | Technical Specification | | In ITEM 7, specifications mentioned Output: 4x Twisted Pair/HDbaseT in that product Transmitter is already built in at the output hence this Item 8 If is to be considered as a set of transmitter & receiver then the solution will be wrong since only receivers will be required for the connectivity to item 7 and similar number of transmitters are not required. There will be required different quantity of Transmitters & different quantity of receivers for appropriate solution and connectivity. Kindly clarify | As mentioned above, Item No. 7 is 8 Input and 8 Output HDMI Matrix Switcher and not 1:4 HDMI to Twisted Pair Distribution Amplifier. Refer to revised quantity of Transmitters & Receiver set in clarification serial No:10 | |
| 4. | Technical Specification | | Specification of HDbaseT is requested to be revised to HDbaseT/ Twisted pair to make it generic as some make transmitter/receiver transmits signals: Audio,video,control,power though non HDbaseT protocol , but through different protocol but using same Twisted Pair cable. This option of HDbaseT/Twisted Pair is also considered in specifications of Item 7. Hence request to revise to generalise the specification | Vendors can quote options through different protocols too from the approved makes, as far as the functionality is met as per the design. | |
| 5. | Technical Specification | Page No:22,Item 9, Audio De-embedder | Some make offer this Audio Deembedder inbuilt in ITEM7 i.e HDMI 8x8 Matrix Switcher. Hence offering this Deembedder separately will be unnecessary duplication of the item & incur additional cost. Hence request if option of Audio Deembedded may be allowed to be offered builtin the HDMI 8x8 Matrix Switcher or external | Vendors need not quote separately for the audio de-embedder if the same is built-in in their system and the total functionality is met as per the design. | |
| 6. | Technical Specification | Page No:22, Item 11, HDMI Splitter 1in 4 out: SITC of HDMI (3D, Deep Color, 4K x2k); HDCP Compatible, Supports resolutions of upto Ultra HD 4K x 2K and 1080p Full HD, 340 MHz bandwidth for high performance video | Referring to Similar Item for which a specification is mentioned in ITEM 7, request to kindly consider the specification (i.e 4x twisted pair/HDbaseT output) mentioned in ITEM 7 in this ITEM 11 . Since Such product available in all approved makes and also reduces need of 4nos of transmitters hence reducing number of boxes & system complexity | Item number 11 is changed to 1:4 HDMI Twisted Pair / HDbaseT Distribution Amplifier. Vendors need to consider & quote 4nos x HDMI & Control 70mtrs, 4K resolution support Receivers separately along with with this Distribution Amplifier as per below specifications | |

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| | | | | Revised Specification of Item 11: 1:4 HDMI to Twisted Pair distribution Amplifier with 1x HDMI input, 4x Twisted pair/HdbaseT output, 1x HDMI local (internal/external) output, Supporting audio, video, control & power transmission upto distance of minimum 70mtrs. Support resolution upto 4K. Should be supplied with compatible 4nos x HDMI & Control twisted pair receivers | |
| 7. | Technical Specification | Page No 23, Item No: 1: Central Controller System, Approved Makes: Kramer / Extron / Crestron | Kramer is not considered Commercially or technically equivalent makes for such Central Controllers compared to other two mentioned makes. Hence request to consider approved makes as Extron / Crestron / AMX which is considered equivalent in various other prestigious & leading tenders to provide equal competition | No changes in the approved makes. | |
| 8. | Technical Specification | Page No 23, Item No: 1: Central Controller System: Specifications: IR/Serial: 4x Programmable IR/Unidirectional RS 232 port | Request to kindly revise to 2 or more Programmable IR/Unidirectional RS 232 port to provide equal opportunity for all approved makes. Also there are sufficient Bidirectional RS 232 port mentioned in the specifications to cater for the equipments | Please read specifications as min 2 or more Programmable IR/Unidirectional RS 232 port | |
| 9. | | Page No 23, Item No: 3: Digital Signal Processor | Quantity mentioned is 1 no, which is not sufficient if OPTION-1 of PART D is selected, since only 8 AEC ports is asked in the Digital Signal Processor specifications while all microphones will require AEC input if they have to be part of Video Conferencing ie. Inputs: Lapel Mic:1no + wireless Hand Held: 2no+ Podium Mic: 1 no, Wireless Microphone Controller output: 8 channel ie.8nos output= 12nos AEC input required which can be sufficed by 2nos Digital Signal Processor. Hence kindly clarify | Please read the quantity of Digital Signal Processor as per Item No. 3 as "Two" Units in place of "One" Unit. | |
| 10 | | Page No 22, Item 8, HDMI Extender over CAT 6 with HD baseT Lite | | The quantity of this item is now revised to 9nos | |

Bid Submission Schedule:

Last date of bid submission: **30th May , 2018 upto 03.00pm(IST)**

Opening of Technical bids: **31th May , 2018 upto 03.30pm(IST)**

All prospective/willing bidders are requested to **take note of this report as part of the Tender document.** All other parts of the tender including the terms and conditions of the will remain **Unchanged.**

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Dy. Registrar (MM)
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