



अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छत्तीसगढ़)  
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No. 54 (१०१) EE/AIIMS/RPR/2018-19/ ९८३५

Date: - 28/03/2019

### Corrigendum

**Subject:** Corrigendum in Notice Inviting Tender for "SITC of Audio – Visual System and Stage Lighting in Auditorium Building at AIIMS Raipur (C.G.)."

- |    |  |   |   |
|----|--|---|---|
| 1. | NIT Issue Date   | : | 09/03/2019  |
| 2. | NIT No.  | : | 50/EE/AIIMS/RPR/2018-19 Dated 08/03/2019  |
| 3. | Pre Bid Meeting held on  | : | 19/03/2019  |
| 4. | Original last date of Submission                                 | : | 01/04/2019  |
| 5. | Original date, time and place of Tender Opening of Technical Bid | : | On 02/04/2019 at 3:30pm, in Office of Executive Engineer (Civil) Project Cell, AIIMS Raipur |
| 6. | Revised last date of Submission                                  | : | 04/04/2019 upto 3:00 PM   |
| 7. | Revised date and time of Tender Opening of Technical Bid         | : | 05/04/2019 at 3:30 PM   |

*Manoj* 28/3/2019

Er. Manoj Rastogi  
 Executive Engineer (Civil)  
 All India Institute of Medical Sciences, Raipur

# ALL INDIA INSTITUTE OF MEDICAL SCIENCE, RAIPUR (CG)

**Name of Work: Supply, Installation, Testing & Commissioning (SITC) of Audio – Visual System and Stage Lighting in Auditorium Building at AIIMS Raipur (C.G.)**

NIT No. : 50/EE/AIIMS/RPR/2018-19 Dated 08/03/2019

The Tender for above mentioned work were uploaded on 09/03/2019 and Pre bid meeting was held on 19/03/2019.

## Pre-bid queries and Reply

Sl. No.	Item description	As per NIT document	Pre-bid Query from Bidder	Reply
<b>1.</b>	<b>Query From: M/s Maheshwari Computer Pvt. Ltd.</b>			
(1)	Eligibility Criteria (Clause: 1.4.1, Page- 11 of Volume-1)	As per tender document, the work experience required for this specialized job is similar to: "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipment, Audio Conference System, Control System & Stage Lighting" all executed under one composite agreement.	<b>Clarification sought:</b> We have an experience of installing videowall and Audio Products in Army. This project comes under one roof of turnkey projects. This turnkey projects also comes under heading of IP enabled devices. The current said project is also coming under IP enabled devices. Since, it has got video over IP products in tender document. We have executed turnkey projects of IP enabled devices to the tune of 2.99 Cr. and 10 Cr. Technological projects. We have technical expertise and skilled man power of executing projects along with financial capability of executing single order of 5 Cr. We also have solvency of 2 Cr. <b>Request for changes:</b> Therefore we request you to kindly include in the category of similar work mean "IP enabled Devices along with Audio Video experience of turn key projects.	The main component of this job are video wall system, Sound reinforcement system and Stage lighting system and it requires expertise as the work is of specialized nature, therefore IP Enabled Turnkey Projects/ IT projects will not fulfil our criteria/ nature of work.
(2)			<b>Clarification sought:</b> As per above explanation we request to remove "All executed under one composite project" and also to Add IP Enabled Turnkey Projects. <b>Request for changes:</b> Similar Work shall mean works of "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipments, Audio Conference System, Control System& Stage Lighting, IP Enabled Turnkey Projects etc"	Remain unchanged as per NIT.

(3)	Video Wall Display (S. no. 1.01, Page no. 32 of Volume IV)	Output : DP1.2(Loop-out) or better. External Control : RS232C(in/out), RJ45 or better.	Please delete RJ-45 Port.	Remain unchanged as per NIT.
(4)		Input : Analog D-SUB, DVI-D, Display Port 1.2 , HDMI2.0 x 2 , Stereo mini Jack or better.	VGA Port not required. Since it does not support full HD resolution. So please delete Analog D-SUB input.	Agreed. Input : Analog D-SUB deleted
(5)		Bezel Width (mm) : Edge to Edge 1.7mm or better.	We request you to kindly dilute bezel width edge to edge by 1.8 mm. This will enable maximum OEM to bid in this tender.	Agreed. Bezel width (mm): Edge to Edge 1.8 mm or less.
(6)	List of Approved Makes (Page no. 46 of Volume IV)	Item no 1.01 to 5.01 as mentioned in Approved Make list in Volume IV of tender document	Request to add some more Brand in your approved list for making compliance and better competition.	Remain unchanged as per NIT.
<b>2. Query From: M/s Kramer Electronics India Pvt. Ltd.</b>				
(1)	Cables, Connectors, Accessories & Installation (Page no. 48 of Volume IV)	Approved Make: Item no. 1.27 to 1.29: AMX, Lightware, Belden Item no. 5.01 to 5.04, 5.12: Belden, URO, Mogami Item no. 5.05, 5.1: Belden, AMX, URO Cables, Wyrestorm Item no. 5.06: D-link, Belden, URO Item no. 5.11: Belden, URO, AMX	Our sincere request you to please add Kramer brand in item no. 1.04, 1.07 to 1.17, 1.22 to 1.24, 1.27 to 1.3, section 2, section 5, so we also can participate in this prestigious tender and you as an end customer will also have fair competition in the tender,	Kramer make added for Item no. 1.27, 1.28, 1.29, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.1, 5.11, 5.12.
<b>3. Query From: M/s Proglity Technologies Pvt. Ltd.</b>				
(1)	Cables, Connectors, Accessories & Installation (Page no. 48 of Volume IV)	Approved Make: Item no. 1.27 to 1.29: AMX, Lightware, Belden Item no. 5.01 to 5.04, 5.12: Belden, URO, Mogami Item no. 5.05, 5.1: Belden, AMX, URO Cables, Wyrestorm Item no. 5.06: D-link, Belden, URO Item no. 5.11: Belden, URO, AMX	Our sincere request you to please add Kramer brand in item no. 1.04, 1.07 to 1.17, 1.22 to 1.24, 1.27 to 1.3, section 2, section 5, so we also can participate in this prestigious tender and you as an end customer will also have fair competition in the tender,	Kramer make added for Item no. 1.27, 1.28, 1.29, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.1, 5.11, 5.12.

<b>4. Query From: M/s LG Electronics India Pvt. Ltd.</b>				
(1)	Video Wall Display (S. no. 1.01, Page no. 32 of Volume IV)	Type : D-LED DID or better.	Direct LED is old technology. Now the technology available is Edge LED, due to which the panels are slimmer and are giving better performance. Request you to kindly mention as D-LED or E-LED.	Remain unchanged as per NIT.
(2)		Bezel Width (mm) : Edge to Edge 1.7mm or better.	These specifications are proprietary/ focusing on single brand. The other brands as mentioned in the tender documents are having very high pricing in the similar technical range or not manufacturing such models at all. We are having 0.9 mm Even Bezel i.e. 1.8 mm total Bezel. The other brands are also having variants in this technical range. Request you to kindly mention Total Bezel to bezel 1.8 mm or less, to accommodate other brands and have a fair competition ground for all.	The information given is not correct and misleading regarding pricing as well as availability.  Agreed for changes in Bezel width i.e. Bezel width (mm): Edge to Edge 1.8 mm or less.
(3)		Contrast Ratio : 4000:1 or better Dynamic Contrast Ratio : Mega Dcr or better	Request to amend Contrast (Dynamic/ Native) 5000:1 or Higher	Remain unchanged as per NIT.
(4)	Video Wall Display (S. no. 1.01, Page no. 32 of Volume IV)	Input : Analog D-SUB, DVI-D, Display Port 1.2 , HDMI2.0 x 2 , Stereo mini Jack or better. Output : DP1.2(Loop-out) or better. External Control : RS232C(in/out), RJ45 or better.	Number of Inputs per panel, is irrelevant as there is a controller set up available. Some of the brands are not having multiple inputs of same type (HDMI, RS-232, RJ45 etc.) Request you to kindly mention the names of Inputs only, and not their quantity. Minimum 1 input of each type is sufficient as this role is played by the controller.	Agreed.  Minimum 1 input of each type.
<b>5. Query From: M/s Hi- Tech Audio System Pvt. Ltd.</b>				
(1)	Cables, Connectors, Accessories & Installation (Page no. 47 & 48 of Volume IV)	Approved Make: Item no. 1.27 to 1.29: AMX, Lightware, Belden Item no. 5.01 to 5.04: Belden, URO, Mogami Item no. 5.05: Belden, AMX, URO Cables, Wyrestorm Item no. 5.06: D-link, Belden, URO	In Approved make list (Item no. 1.27 to 1.29 and 5.01 to 5.06): request you to kindly add Klotz make also in Audio and Video cables. Klotz is premium german brand and approved most of the govt. project/ tenders.	Belden, URO, Mogami, AMX, Wyrestorm and D-link are well known and widely used brand.  Remain unchanged as per NIT.

<b>6. Query From: M/s AV Science &amp; Technologies Pvt. Ltd. Pvt. Ltd.</b>				
(1)	Microphones and Antennas (Page no. 47 of Volume IV)	Approved Make: Audio Technica, AKG, Cad Audio	Referring to the items of Microphones and Antennas: you are requested to add Beyerdynamic (Germany) make in to microphones category of items.	Remain unchanged as per NIT.
(2)	Stage Lighting System (Page no. 48 of Volume IV)	Approved Make: Martin, SGM, Chauvet, ROBE, Canara or Equivalent	Referring to the items of Stage lighting system: You are requested to delete Canara Lighting. Which is not at par with other makes of NIT as all the other mentioned makes (i.e. Martin, SGM, Chauvet, Robe) are imported brands. In case department does not want to go with imported lightings, please add MSS/ MSSP along with CANARA Lighting as Indian brands for stage lighting product.	Modern Stage Services (MSS) added as approved make. However the specifications to be followed.
(3)	Cables, Connectors, Accessories & Installation (Page no. 48 of Volume IV)	Approved Make: Item no. 1.27 to 1.29: AMX, Lightware, Belden Item no. 5.01 to 5.04, 5.12: Belden, URO, Mogami Item no. 5.05, 5.1: Belden, AMX, URO Cables, Wyrestorm Item no. 5.06: D-link, Belden, URO Item no. 5.11: Belden, URO, AMX	Referring to the items of Cables, Connectors, Accessories & Installation: you are requested to add Extron & Kramer in the respective category of items.	Extron & Kramer make added for Item no. 1.27, 1.28, 1.29, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.1, 5.11, 5.12.
(4)		Approved Make: Valrack, Middle Atlantic, APG	Referring to the items of Equipment Racks: You are kindly requested to add MTS make.	MTS make added for Item no. 5.08 (Equipment rack)
<b>7. Query From: M/s Delta Electronics India Pvt. Ltd.</b>				
(1)	Video Wall Display (S. no. 1.01, Page no. 32 of Volume IV)	Video Wall Display	Please find attached Pixel LED advantage over LCD Video Wall. If you are open to accept the change of technology to Pixel then we can share the BOM + Technical Specs of 4mm pixel pitch as well.	Remain unchanged as per NIT.
(2)			Please note that the current specs of LCD Video Wall are only complied with Samsung and would require many changes in specifications and entire controller specs from Matrix Switcher to Windows based Controller.	The technical specification for video wall will be followed as per NIT document including modifications as taken in this corrigendum and technical specification for control system will be same as per NIT document.

<b>8. Query From: M/s Canara Lighting Industries Pvt. Ltd.</b>				
(1)	-----	-----	We assume that all the Light bars/Grid systems/ Lighting Junction Boxes/Power cabling/Lighting Control Panel etc. are existing in the Auditorium Since these items are not mentioned in the main BOQ, Without these Items, Auditorium lights Will not be functional.	Bidder has to quote for BoQ item as mentioned in Volume- V of Tender document.
(2)	Stage Lighting System (Page no. 41 & 42 of Volume IV)	control system: DMX, RDM	For Point No: 4.01 (In Stage Light Technical Specification for LED Wash Lights), you have mentioned Control System as DMX, RDM, but in all other lighting fixture the control system mentioned is only DMX. We are kindly requesting you to consider the control system as DMX only for all the lights. Though you have mentioned in the Tender that Bidder can offer equivalent or Similar product but also mentioned that having equivalent functioning Effects Power with DMX/RDM compatibility (wherever asked in technical specifications)	control system: DMX/RDM
(3)		Color mixing: CMY	For Point No: 4.02 (In Stage Lighting Technical Specification for Profile Fixture) you have mentioned Color mixing of profile light as CMY, but in all other lighting fixture the colors mentioned are RGB/RGBW/CW/WW etc. We are kindly request you to consider RGB/RGBW color mixing for all profile fixture.	Color mixing: RGBW/ CMY
<b>9. Query From: M/s Embee Software Pvt. Ltd.</b>				
(1)	Audio System (Page no. 47 & 48 of Volume IV)	Approved Make: JBL, d&b Audiotechnik, Meyer Sound, Renkus-Heinz, Bose, Crown, Lab Gruppen, Ashly	We request you to incorporate brands like BOSCH / ELECTROVOICE(EV) in your tender specifications (mainly in Audio section) so that we can also participate in this tender. BOSCH / ELECTROVOICE(EV) is very renowned brand served and installed in many areas worldwide.	Remain unchanged as per NIT.
(2)	Cables, Connectors, Accessories & Installation(Pag e no. 48 of Volume IV)	Approved Make:Item no. 1.27 to 1.29: AMX, Lightware, BeldenItem no. 5.01 to 5.04, 5.12: Belden, URO, Mogami Item no. 5.05, 5.1: Belden, AMX, URO Cables, Wyrestorm Item no. 5.06: D-link, Belden, UROItem no. 5.11: Belden, URO, AMX	We also request you to incorporate another internationally renowned brand like KRAMER which manufactures AV Switcher, Scaler, Control & Cables etc. Kramer also is one of the leading brand across India and across globe also. Kramer also done multiple installation in AIIMS like AIIMS Rajasthan , AIIMS Bhopal etc. We also done in Raipur Hospital.	Kramer make added for Item no. 1.27, 1.28, 1.29, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.1, 5.11, 5.12.

(3)	Eligibility Criteria (Clause: 1.4.1, Page- 11 of Volume-1)	As per tender document, the work experience required for this specialized job is similar to: "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipment, Audio Conference System, Control System & Stage Lighting" all executed under one composite agreement.	We request your good self to change FROM Similar Work shall mean works of "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipment's, Audio Conference System, Control System& Stage Lighting" TO Similar Work shall mean works of "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipment's, Audio Conference System, Control System or Stage Lighting"	Remain unchanged as per NIT.
<b>10. Query From: M/s Zerone technologies private Ltd.</b>				
(1)	Eligibility Criteria (Clause: 1.4.1, Page- 11 of Volume-1)	As per tender document, the work experience required for this specialized job is similar to: "Supplying, Installation, Integration, Testing & Commissioning of Audio Reinforcement, Video Equipment, Audio Conference System, Control System & Stage Lighting" all executed under one composite agreement.	To prepare an estimation at per your requirement and to make our best competitive offer we need few clarifications on the NIT as follows: According to the Pre-Qualification for the above NIT – we have completion of similar work for more than 4 Crores, with "Suppling, Installation, Testing & Commissioning of Audio Reinforcement, Video Equipment's, Audio Conference System, control System", but specifically we currently are working towards completion on a project with Stage lightning.	Remain unchanged as per NIT.

**Name of Work: Supply, Installation, Testing & Commissioning (SITC) of Audio – Visual System and Stage Lighting in Auditorium Building at AIIMS Raipur (C.G.)**

NIT No. : 50/EE/AIIMS/RPR/2018-19 Dated 08/03/2019

**Corrigendum/ Addendum**

Changes to be considered in the above referred Notice Inviting Quotation

SN.	Volume/Page/Clause /Point	Existing	To be read as
1.	Volume IV / 32/ S. No. 1.01 Video Wall Display	Input: Analog D-SUB, DVI-D, Display Port 1.2 , HDMI2.0 x 2 , Stereo mini Jack or better.	Input: DVI-D, Display Port 1.2 , HDMI 2.0, Stereo mini Jack or better.
2.	Volume IV / 32/ S. No. 1.01 Video Wall Display	Bezel Width (mm) : Edge to Edge 1.7mm or better.	Bezel width (mm): Edge to Edge 1.8 mm or less.
3.	Volume IV / 47/ S. No. 1.27	Approved Make: AMX, Lightware, Belden	Approved Make: AMX, Lightware, Belden, Kramer, Extron
4.	Volume IV / 47/ S. No. 1.28	Approved Make: AMX, Lightware, Belden	Approved Make: AMX, Lightware, Belden, Kramer, Extron
5.	Volume IV / 47/ S. No. 1.29	Approved Make: AMX, Lightware, Belden	Approved Make: AMX, Lightware, Belden, Kramer, Extron
6.	Volume IV / 48/ S. No. 5.01	Approved Make: Belden, URO, Mogami	Approved Make: Belden, URO, Mogami, Kramer, Extron
7.	Volume IV / 48/ S. No. 5.02	Approved Make: Belden, URO, Mogami	Approved Make: Belden, URO, Mogami, Kramer, Extron
8.	Volume IV / 48/ S. No. 5.03	Approved Make: Belden, URO, Mogami	Approved Make: Belden, URO, Mogami, Kramer, Extron
9.	Volume IV / 48/ S. No. 5.04	Approved Make: Belden, URO, Mogami	Approved Make: Belden, URO, Mogami, Kramer, Extron
10.	Volume IV / 48/ S. No. 5.05	Approved Make: Belden, AMX, URO Cables, Wyrestorm	Approved Make: Belden, AMX, URO Cables, Wyrestorm, Kramer, Extron
11.	Volume IV / 48/ S. No. 5.06	Approved Make: D-link, Belden, URO	Approved Make: D-link, Belden, URO, Kramer, Extron
12.	Volume IV / 49/ S. No. 5.08	Approved Make: Valrack, Middle Atlantic, APG	Approved Make: Valrack, Middle Atlantic, APG, MTS
13.	Volume IV / 49/ S. No. 5.1	Approved Make: Belden, AMX, URO Cables, Wyrestorm	Approved Make: Belden, AMX, URO Cables, Wyrestorm, Kramer, Extron



14.	Volume IV / 49/ S. No. 5.11	Approved Make: Belden, URO, AMX	Approved Make: Belden, URO, AMX, Kramer, Extron
15.	Volume IV / 49/ S. No. 5.12	Approved Make: Belden, URO, Mogami	Approved Make: Belden, URO, Mogami, Kramer, Extron
16.	Volume IV / 41/ S. No. 4.01	control system: DMX, RDM	control system: DMX/RDM
17.	Volume IV / 42/ S. No. 4.02	Color mixing: CMY	Color mixing: RGBW/ CMY
18.	Volume IV / 45/ Note (3)	Nil (Additional)	All Stage lights fixtures should be of LED.
19	Volume IV / 48/ S. No. 4.01 to 4.11	Approved Make: Martin, SGM, Chauvet, ROBE, Canara or Equivalent	Approved Make: Martin, SGM, Chauvet, ROBE, Canara, Modern Stage Services or Equivalent
20	Volume I	Last date to fill/upload the tender through e-Tendering is 01/04/2019 upto 3:00 PM. Opening on 02/04/2019 at 03.30 PM.	Last date to fill/upload the tender through e-Tendering is 04/04/2019 upto 3:00 PM and Opening on 05/04/2019 at 03.30 PM.

**Note:** a) All other terms & condition will be remain unchanged.

b) All uploaded Corrigendum/ Addendum become part of Tender document and must be submitted along with technical bid as acceptance.

The Tender forms and other details can be seen / downloaded from the website [www.aiimsraipur.edu.in](http://www.aiimsraipur.edu.in) and CPPP web site <https://eprocure.gov.in/eprocure/app>.

*Manoj*  
28/3/2019

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