



# INDIAN INSTITUTE OF MANAGEMENT AMRITSAR

Punjab Institute of Technology, Inside Government Polytechnic Compound,  
Chheharta, GT Road Amritsar- 143105, Phone: 0183-2820034

File No: - IIMASR/NIT/200/2020

Date: - 17.12.20

## Corrigendum 2

This is to inform to all that for the healthy participation in the tender following changes have been made in the tender no. IIMASR/NIT/200/2020(Re) dtd 07.12.2020 for supply, installation, testing, commissioning and integration of audio-visual equipment's for conference room of IIM Amritsar.

1. The last date of receipt of the tender has been extended to 24.12.2020 at 12:00 Pm and the opening date and time of the tender will be on the same day (24.12.2020) at 12:30 PM.
2. The Solvency clause has been removed (please refer Page no. 4 - 1.2.6 Financial statement point no. (a) and page no. 6 (p) and corrigendum-1-point no. 1).

The brand names mentioned in the specifications and allied technical details are just indicative, equivalents brands shall also be considered. The revised BOQ is given below:

| S. No. | Item                | Description   | Approved Make  | Qty Nos |
|--------|---------------------|---|--|---------|
| 1      | Interactive Display | SITC of 65 Inch or above 20 Touch Interactive Display with Brightness of 330cd/m <sup>2</sup> or Higher Contrast Ratio - 1,100:1 or Higher, Surface Treatment of Hard coating, Anti-glare treatment of the front polarizer, Input Port- HDMI-3, USB(3.0)-3, USB-(2,0)-2, OPS Slot-1, RGB-1, LAN-1, SPDIF-1 or Higher, Output Ports - HDMI/DP-1, Audio-1, External Control- RS-232, Built in Touch type- IR spread, Accuracy- 2mm or less, Screen Share/Mira cast to Connect TAB/Mobile, Web Browser, Resolution of 3840 x 2160, inbuilt speaker, whiteboard pen, OPS with Intel Core i5, 8GB RAM, 1 TB HDD Storage with Operating System and wireless Keyboard and mouse, Wireless Presentation Capability (Without Lagging) inbuilt or with Additional Hardware with Wall Mounting Kit complete with installation as per the site requirement. | Cloud walker / Panasonic / Newline / Evota / LG / Globus / Samsung or equivalent | 1       |



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|   |                          |   |   |   |
|---|--------------------------|---|---|---|
| 2 | PTZ USB Camera           | SITC of USB 3.0 and HDMI video output interface PTZ Camera, with a 12 Megapixel Image Sensor, Panoramic 120 degree Viewing Angle, Max 3X Sensor, and 98X digital Zoom, ePTZ and 6 Pre-sets and built in TV Mount and should be compatible with Windows, Lunex, MAC OSX and Chrome OS and should be compitable with Skype, Lunc, Hangout, Cisco Webex, Zoom, GoToMeeting, Blue jeans, Facetime etc. complete with installation as per the site requirement.                  | Lumens, Panasonic, Clearone or equivalent.              | 1 |
| 3 | Speaker                  | SITC of Two Way Indoor, surface mounted speaker, 60 W (rms) continuous pink noise or higher at 8 ohm, Nominal sensitivity - 87 dB SPL, 1 W, 1 m, full space, Impedance of 8 ohm, coverage angles of 115 Degree (H) and 55 Degree (V) with built in 6.5" woofer and Tweeter of 1 inch complete with installation as per the site requirement.  | Bose/ Extron / JBL/WORK PRO, BOSCH or equivalent        | 2 |
| 4 | Amplifier                | SITC of Rack Mountable Amplifier System with two channels of 2 x 60 watts @ 4 or 8 ohms, 100 dB or better signal-to-noise ratio with 0.1% THD+N, S/N - 105 dB or better, Frequency Response: 20 Hz to 19 KHz or better complete with installation as per the site requirement.  | Crown/ BOSE/ Extron/Work Pro, BOSCH or equivalent       | 1 |
| 5 | Digital Signal Processor | SITC of Digital Signal Processor with 4 or more, mic/line, balanced/ unbalanced input and 4 or more, balanced/ unbalanced line level output, with built in AEC Frequency Response: 20 Hz to 20 KHz or better, S/N Ratio: >102dB or better, phantom power on all the Input channels. Should also have other features like Feedback suppression, level control, dynamics, mixers, delay and control on RS232/Ethernet complete with installation as per the site requirement. | Extron / BIAMP/ Crestron/DANAC OID, BOSCH or equivalent | 1 |



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|    |                              |   |  |     |
|----|------------------------------|---|--|-----|
| 6  | Boundary Layer Microphone    | SITC of Boundary microphone having Semi-cardioid polar pattern, RFI-proof due to Scudio™ technology, ON/OFF, Push-To-Talk and Push-To-Mute function, Silent membrane key with braille inscription, High-quality non-glare design, Linear frequency response with high bandwidth, LED indicator, Switchable bass roll-off filter in two stages, Frequency response - 45 - 20,000 Hz, Open circuit voltage -13.3 mV/Pa = -37.5 dBV, Nominal impedance - < 200 Ω, Nominal output impedance - ≥ 1 kΩ, Max. SPL at 1 kHz- 114.2 dB, Dynamic range- 84 dB, Signal-to-noise ratio -63.8 dB dBA complete with installation as per the site requirement. | Beyerdynamic / Sennheiser / Clock Audio, BOSCH or equivalent | 2   |
| 7  | Switcher                     | SITC of Video scaler that shall support up to three inputs and one output for processing and switching of HDMI, RGB sources. Rack-mountable scaler and switcher for HDMI, RGB sources and associated digital and analog audio, Video input connections- One HDMI, one 15-pin HD, connection- HDMI with selectable video output rates from 640x480 to 1920x1200, including HDTV 1080p/60 and 2048x1080p/60 complete with installation as per the site requirement.   | Crestron/ Extron/ AMX /Aten or equivalent                    | 7   |
| 8  | Cable Manager                | SITC of Cable Manager/ Cable Cubby with 1 Power, with 4 pass thorough holes for HDMI, VGA, and 2 LAN Cable complete as per site requirement.  | Kramer/ EIS/ Besnet or equivalent                            | 1   |
| 9  | Rack, Cables and Accessories | SITC of Rack for above said equipment with all accessories, HDMI, VGA Cable for Various length for the project complete with installation as per the site requirement.  | MTS/ Comrack/ AMX/ Extron/ Kramer/Linetek or equivalent      | APA |
| 10 | Service                      | Installation Testing & Commissioning complete as per the site requirement.  | Service  | APA |

  
Dr. Simrandeep Singh Thapar  
Administrative Officer

