



RABINDRA BHARATI UNIVERSITY

Emerald Bower Campus: 56 A B.T. Road, Kolkata-700050

Jorasanko Campus: 6/4 Dwarakanath Tagore Lane, Kolkata-700007

Salt Lake Campus: Rabindra Bhavan, EE-9 & 10, Sector-II, Salt Lake City, Kol-91

PHONE: (033) E.B. Campus: 25571028, 3028, 4028, 7161 J.S. Campus: 22695241, 5242, 6601, 6610
Salt Lake Campus : 2358 4014-4016/4018 , Website : www.rbu.ac.in

RB / Engg/ 1056/2023

Date:26.4..23

Notice Inviting Tender

Tender id:2023_RBU_497331_2

E-tenders are invited from experienced and eligible agencies for AMC for Son-et-Lumiere on Rabindranath Tagore at Jorasanko campus with Income Tax / I.T return, G.S.T.N. return, Pan Card, Professional tax, Trade License and credential for working in heritage buildings for yearly value of 4 lacs each work within 19.5.2023. The decision of the University regarding selection will be final and binding on all tenderers.

Chief University Engineer

AMC for Son-et-Lumiere on Rabindranath Tagore at Jorasanko campus

Comprehensive Maintenance has to be done for the following items:

1. Electrical Panel consisting of main incomer three pole 400 Amps MCCB and also having Multifunction Digitalmeter with 8 nos outgoing cubicles each having three pole 63 Amps MCCB complete with CTs, Indicator Lamps & their respective protection.
The Panel also has 16 nos DMX512 controlled high power switching channels having 5 sets of DMX512 relay cards and 230v contactors.1 set
2. LED Lights 54 x 3w with 6-8 Ch DMX Channels, Full RGB with IP 66 rating & beam angle of 30 degrees
..... 16 sets
3. LED Lights 54 x 3w with 6-8 Ch DM X Channels, Full RGB with IP 66 rating & beam angle 15 degrees
..... 71 sets
4. LED lights 24 x 10W or 72 x 3W with 8 – 12 DMX channels , full RGBW with IP67 rating , beam angle 45 degrees, linear color mixing..... 33 sets
5. CCTV system with 1 camera and 4 way DVR with 500GB HDD, 15" monitor and 100' cable
..... 1 set
6. 4000 watt searchlight with DMX512 control including IP65 rated protection box
..... 1 set
7. Green LED 1 Watt Laser with DMX512 control
..... 1 set
8. CANON 7500 lumens DLP projector with SVGA input, dual SHP mercury lamp, RS232 control system, DMX512 controlled servo operated external shutter blade system along with IP66 protection cover
..... 1set
9. 1 KW Roller based Fire effects projector with IP66 protection cover
..... 3 sets
10. 1 KW Roller based water wave effects projector with IP66 protection cover
..... 6 sets
11. 1 metre long 30 watt RGB strip type light
..... 20 sets
12. CP61 PAR64 luminaire with long nose can with powder coated black finish.
..... 3 sets
13. 2.5 watt RGB color animation laser with ILDA input and DMX512 image file selection software (Quickshow)
..... 1 set
14. BENQ 5000 lumens LCD video projector with SVGA input and DMX512 controlled external shutter blade system
..... 1 set
15. IP66 rated weather proof housing for LCD projector and RGB animation laser
..... 2 sets
16. 12' wide x 9' height electrically retractable projection screen housed in IP66 rated protective housing
..... 1 set
17. Digital Lighting Dimmers having 6 channel @2Kw per channel capacity and with DMX512 control.
..... 1 set
18. 2500mm long MS pole for mounting RGB lights for audience rear wash including RCC foundation , etc
..... 3 sets

19. DMX512 signal 1 to 8 splitter with optically isolated inputs and outputs.
..... 2 sets
20. DMX512 data cabling consisting of 2 multistrand copper cores having PVC insulation with shield capable of transmitting RS485 signal levels at 1MHz with no distortion
..... 1000 mtrs
21. Floor standing 600mm x 600mm x 42U high 19" instrument rack with glass front and with locking arrangement complete with all accessories..... 2 sets
22. 3 pin gold plated XLR connector pair (male/female set) for DMX512 and audio connectivity
..... 180 sets
23. 2-way near-field control room powered monitor speakers having 5" Kevlar LF driver and 1" HF silk dome driver of 70W RMS total power output with 3KHz active crossover.
..... 2 sets
24. Crown 1000 watt RMS, 2 channel, MOSFET based Power Amplifier having 500 watts RMS per channel
..... 4 sets
25. JBL 2-way full range passive speaker system with 500 Watts continuous rating consisting of 1 nos 15" LF speaker and 3" HF compression driver in birch ply enclosure mounted including MS pole mounted IP66 weather protected MS box 6 sets
26. JBL Subwoofer speaker system with minimum 800 Watts continuous rating consisting of 1 nos 18" LF speaker in birch ply folded horn enclosure..... 2 sets
27. DBX DSP based 2 in/6 out digital crossover having 24 bit AD/DA convertors and sampling rate of 96 KHz.
..... 1 set
28. Behringer 19" rack mount 12 channel stereo audio mixer with balanced ¼" phono type line inputs and outputs including aux outputs 1 set
29. IBM PC control computers 2 sets
30. 15" Computer monitors 2 sets
31. Keyboard with mouse 2 sets
32. Showwitch 5.0 show control Software ... 1set
33. All electrical cables in the system..... 1 set
34. All MS junction boxes with connectors ... 200 sets
35. Internal utility in control room such as fan, light and electrical wiring

NOTE: The following are not included in the AMC

1. Air conditioning
2. Mains power supply upto the control room
3. Exhaust fan in control room
4. Any civil works

EMD

An EMD by DD in favour of Rabindra Bharati University for Rs 10000.00 to be uploaded in Tender portal