

18th BHARAT RANG MAHOTSAVA 2016

Light Hiring (per day basis)

Following lighting equipments will be hired according to the requirements of different theatre groups who are invited in 18th BHARAT RANG MAHOTSAVA. These equipments will be required at S.R.C, L.T.G, KAMANI, SAMMUKH, BAHUMUKH, & ABHIMANCH, from 1st February 2016 to 21st February 2016. We are asking to get the exact rates from the vendor by per day basis.

S. No.	PARTICULARS	UNIT	SPECIFICATION	REMARK
1.	PC spot light 1000 w.	Each	With T-11 Lamp	Per day basis
2.	PAR 64 1000 w. (SN,N,M,W)	Each	CP-60,61,62,64	Per day basis
3.	Fresnel 1000 w. (T-11)	Each	With burn doors	Per day basis
4.	Fresnel 2000 w. (T-11)	Each		Per day basis
5.	Follow spot--1.2 kw (newton)	Each		Per day basis
6.	Moving head 1700w. H.M.I.(spot/Fresnel/wash)	Each		Per day basis
7.	Moving head 575w. H.M.I.(spot/Fresnel/wash)	Each		Per day basis
8.	LED moving head--spot	Each		Per day basis
9.	LED moving head--wash	Each		Per day basis
10.	LED Strip (for cyclorama)	Each		Per day basis
11.	R.G.B. LED PAR(3 wt)--spot	Each		Per day basis
12.	R.G.B. LED PAR(3 wt)--wash	Each		Per day basis
13.	R.G.B LED PAR ZOOM	Each		Per day basis
14.	Palco LED wash(3 wt)	Each		Per day basis
15.	Profile spot 1000w. (T-11)	Each	With iris & gobo holders	Per day basis
16.	P.R. Profile 750 w. (S4 Type--19*/26*/36*/50*)	Each	Pr. Product with iris & gobo holders	Per day basis
17.	Zoom profile--(15*--30*/25*--50*)	Each		Per day basis
18.	H.M.I. 2000w.	Each		Per day basis
	H.M.I. 5000W.	Each		Per day basis
19.	Water effect	Each		Per day basis
20.	Smoke machine	Each		Per day basis
21.	Haze machine	Each		Per day basis
22.	SHARPY BEAM	Each		Per day basis
23.	EUROLITE STP 10 MK2	Each		Per day basis
24.	QUARTZ 8T SHEVA 1KW	Each		Per day basis

The above mentioned equipments are meant separately for each venue. Quotation may be invited from the bonafide lighting vendors. Kindly also note down that, for some plays, we need more equipments for that particular day. So, quotation may also be invited for each equipment per day from the vendors separately. All the equipments are understood to be supplied with necessary manpower for ladder, manipulation, rigging, adjustment, console operation etc. this may be mentioned in the tender.

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Following lighting equipment need to be purchased according to the requirements.

S. No.	Name of the Equipment	Quantity
1.	LED RGBW (300 W) STATIC	20 nos.
2.	LED RGBW(300 W) ZOOM 8°-63°	10 nos.
3.	POINTE MOVING HEAD (280 W)	4 nos.
4.	SMOKE MACHINE (DMX Control)	2 nos.
5.	HAZE MACHINE (DMX Control)	2 nos.

Vendors are requested to provide the brochure or technical specification of each equipment, which they have in the stock, along with the quotation.

**18th BHARAT RANG MAHOTSAVA 2016
SATELLITE FESTIVAL AT AHMEDABAD**

Sub: Hiring Light Equipment for H.K. Auditorium, Ahmedabad from 5th Feb to 10th Feb, 2016

Following lighting equipment will be hired as per the requirement of the satellite festival of 18TH BHARAT RANG MAHOTSAVA in **H.K. Auditorium, Ahmedabad**. In lieu of the above it is requested to invite quotation from website and from local vendors for the following equipment:

- 1) PC (1KW)- 25 nos.
- 2) PROFILE (50°)- 10 nos.
(with Iris & Gobo Holder)
- 3) PAR 64 (wide)- 10 nos.
- 4) MIRROR BALL- 1 nos.
- 5) PIN POINT- 15 nos.
- 6) UV (4' height with box)- 4 nos.
- 7) HAZE MACHINE (Dmx control with remote)- 1 no.
- 8) SMOKE MACHINE (Dmx control with remote)- 2 nos.
- 9) STROBE- 1 no.
- 10) LIGHT STAND- 10 nos.
- 11) DIMMER- 48x4kw
- 12) CONSOLE AVOLITE (Pearl)- 1 no.

Please Note: Extra cabling will be also required to patch the existing equipment in the auditorium.

Quotation may be invited from the bonafide lighting vendors. All the equipments are understood to be supplied with necessary manpower for manipulation, rigging, adjustment etc. this may be mentioned in the tender

POINTE

Source

Lamp: Discharge short arc lamp with integrated reflector
Approved model: Osram Sirius HRI 280 W RO
Lamp Life Expectancy: Standard mode (280 W) - 2.000 hrs. Eco mode (230 W) - 3.000 hrs
Control: Automatic and remote on/off
Ballast: Electronic

Optical System

Light Output:

Beam mode: 82,400 lx @ 20 m distance
Spot mode: 90,000 lx @ 5 m distance
Dichroic glass reflector integrated with the lamp for maximising the light efficiency
Zoom range: 2.5°-10° beam application; 5° - 20° spot application

Electromechanical Effects

Colour wheel: 13 dichroic filters + white
Rotating Gobo wheel: 9 rotating, indexable and replaceable "SLOT&LOCK" glass gobos + open
Static Gobo wheel: 14 gobos + open
Prism 1: 8-facet circular prism rotating in both directions at different speeds
Prism 2: 6-facet linear prism rotating in both directions at different speeds
Frost effect: Separate, variable
Dimmer/Shutter: Full range dimming and variable strobe effect
Motorized zoom and focus
Pan: 540°
Tilt: 270°

Control and Programming

Setting & Addressing: ROBE Navigation System 2 (RNS2)
Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
Optional wireless version available. CRMX™ technology from Lumen Radio
Control channels: 24, 16, 30
3 DMX protocol modes
3-editable programs, each up to 100 steps
Stand-alone operation
QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning
operation memory service log with RTC
Pan/Tilt resolution: 8 or 16 bit
Movement control: Tracking and vector
Colour wheel positioning: 8 or 16bit
Rotating gobo wheel positioning: 8 bit
Gobo indexing & rotation: 8 or 16bit
Static gobo wheel positioning: 8 bit
Prism indexing & rotation: 8 bit
Frost: 8 bit
Zoom: 8 or 16bit
Focus: 8 or 16bit
Dimmer: 8 or 16bit
Ethernet port: Art-Net, MA Net, MA Net 2 protocols, ready for ACN
Data in/out: Locking 3-pin & 5-pin XLR
Power input: Neutrik PowerCon
Built-in analyser for easy fault finding

TECHNICAL SPECIFICATION LIGHTS , HAZE and SMOKE

Led 300Watt Static

SOURCE

Light source: 19x 15W RGBW LED multichip
Led Life Expectancy: > 60.000 hours
Typical Lumen Maintenance: 70% @ 60.000 hours

OPTICAL SYSTEM AND EFFECTS

High efficiency component optics
Linear motorized zoom: 8-63°
Color mixing: RGBW, 8 or 16 bit
CTO filter: Variable
Virtual colour wheel with pre-programmed: 237 colours plus whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
LED rings: 3 individually controllable LED rings
Tungsten lamp emulation at whites: 2.700 K and 3.200 K
Colour rainbow effect: Variable speed
Zone colour effect: Variable speed
High resolution dimmer: 0-100%
Strobe effect: Variable speed, max. 20 flashes per second, pre-programmed random strobe & pulse effects
Pre-programmed: Random strobe & pulse effects

CONTROL AND PROGRAMMING

User Interface: Colour Touch Screen
Protocols: DMX-512, RDM, ArtNet, MA Net, MA Net2
Pan and Tilt, range: 450°/300°
DMX modes (channels): 6 (38, 22, 16, 11, 38, 37)
Programs: 3-editable, each up to 100 steps
Stand-alone operation: Yes
Data in/out: Locking 3-pin & 5-pin XLR, RJ45
Data in/out: Locking 3-pin & 5-pin XLR, RJ45
Built-in analyser for easy fault finding
Ethernet port: Art-Net protocol, ready for ACN
Wireless: Wireless CRMX™ technology from Lumen Radio included as a standard

THERMAL SPECIFICATION

Maximum ambient temperature: 45 °C (113 °F)
Maximum housing temperature: 75 °C (167 °F)

ELECTRICAL SPECIFICATION

Supply Input: 100-240 V AC, 50-60 Hz auto ranging
Power consumption: 430 W
Power connection: Power on (Power cable supplied)

Static - Beam Gobos

Aluminium gobo wheel - thickness: 0,5 mm, gobo image diameter: 6 mm

Thermal Specification

Maximum ambient temperature: 45 °C (104 °F)

Maximum surface temperature: 100 °C (212 °F)

Electrical Specification

Power supply: Electronic auto-ranging

Input voltage range: 100-240 V, 50/60 Hz

Power consumption: 470 W at 230 V / 50 Hz

Mechanical Specification

Height: 575 mm (22.6") – head in vertical position

Width: 364 mm (14.3")

Depth: 250 mm (9.8")

Weight: 15 kg (33 lbs)

Fixation option: Pan/Tilt-lock mechanism

Rigging

Mounting points: 2 pairs of ¼-turn locks

2 x Omega bracket with ¼-turn quick locks

1 x Safety attachment point

Hazer

- Procedure: hazemaker based on vaporizing fog generator
- Power: 1600 Watt
- Fluid bottle capacity: 5 litre
- Warm up time: approx. 60 sec
- Control choices: DMX 512, stand alone
- Variable haze output and fan speed
- Latest processor technology
- Finest designer haze
- Made in Germany
- Incl. standard flightcase
- Temperature control: electronical temperature control + thermostat
- Ambient temperature: 5°C - 45°C
- Ambient humidity: max. 80% rel. humidity, not condensing
- Power requirement: 230V/50Hz
- Dimensions (WxHxD): 57 x 25,5 x 35,5 cm
- Weight: 15,2 kg

Smoke Machine

Product Dimensions	53 x 26.8 x 31.5 cm
Item model number	Fog Machine 1500
Additional Features	DMX 512,, Linkable or Stand Alone,, Pre-programmed, Remote Control,, Wire Control.
Audio Wattage	1500 Watts
Material	Iron Plate