**Indian Metal and Decorative Art Gallery (CSMVS)**

**Requirement**

1. Dimmable and non-dimmable LED Lamps to be supplied along with dimmable Drivers with surface-mounted and / concealed fittings/track spot.
2. LED Flexi Strip and profile Lights with drivers.

Specifications of the LED Lamps

* 1W & 3W LED Lamps with no UV and IR radiation.
* Dimmable from 0% to 100% using standard Dimmers.
* Replaceable, without change of fittings.
* 1W & 3W in Warm White, Cool White (CCTs of 3000K and 4000K).
* 12W & 15W track spot in Warm White and Cool White (CCTs of 3000K and 4000K).
* High Colour Rendering Index (CRI) of Ra80 and over.
* High Luminous maintenance. Rated Lumen Maintenance Life of 70 (L70) at up to 50,000

hours.

* Different Beam Angle Options.
* Operating Temperature : minimum
* Energy Efficiency Label (EEL) – A.
* 3-years Performance Warranty on Lamp & Lumen Depreciation of more than 10%.

Specifications of the LED Strip Lights

* LED Flexi Strip and profile Lightsno UV and IR radiation.
* Should work with most conventional LED constant voltage drivers with an output voltage of DC 24V.
* Capable of dimming when working with a Pulse Width Modulation (PWM) dimmers.
* IP Rating of IP 68.
* Colour Rendering Index (CRI) of minimum Ra78.
* High Luminous maintenance. Rated Lumen Maintenance Life of 70 (L70) at up to 50,000hours.
* Operating Temperature : minimum
* Energy Efficiency Label (EEL) – A.

3-years Performance Warranty on Lamp&Lumen Depreciation

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| **LED tipe** | **LED Lights specification**  | **LED lights****Quantity**  | **Description** | **Warranty** | **Amount** |
| 1w LED  | 1” inches feting height, ‘10’ degree beam angel, dimmable ,360movement | 100 | Use for wall mounted case’s  |  |  |
| 3w LED | 1” inches feting height, ‘10’ degree beam angel, dimmable ,360movement | 50 | Use for wall mounted case’s  |  |  |
| 12w track spot4000K | Dimmable,‘24’ degree beam angel | 15 | Use for Free standing case’s  |  |  |
| 15w COB track spot4000K | Dimmable,‘24’ degree beam angel | 6 PCS | Text panel  |  |  |
| Track and in-between connector  | Grey color | 20 |  |  |  |
| Dimmable diver |  | 50 |  |  |  |
| Dimmer |  | 40 |  |  |  |
| Profile light between connector  | 12Feet  | 36 | create a ambiance in cases and gallery |  |  |
| 3 core weir (POLICAB ) |  | 100 meter |  |  |  |
| 3PIN socket |  | 30 |  |  |  |
|  |  |  |  |  |  |
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