

ANNEXURE A

TECHNICAL SPECIFICATION OF RGB COLOUR LED DIGITAL GPS TOWER CLOCK

1. Display Format : HH:MM (4 Digit Display), 80 x 208 Pixels.
12 / 24 Hour mode.
2. Pixel Pitch : 16mm (P16)
3. Pixel Configuration : RGB DIP LED for Each Dot, LED
4. LED Parameters : Size Oval 3 x 3.9 mm (+/- 0.2mm), Oval, Diffused,
Minimum Luminous Intensity (mcd) Red 680, Green 1800,
Blue 400 Directivity: Horizontal / Vertical : 90° / 40°
Wavelength (nm) : Red 626, Green 530, Blue 470 (+/-
10nm)
5. LED Make : Avago / Nichia / Osram / Everlight
6. LED Module facility. : LED Module size 256x256mm with inter changeable facility.
7. Controller Unit : ARM-7, 16 Bit or Higher Controller with RTC.
8. GPS module synchronization. : GPS Module should be given for RTC time
9. Brightness : >6000 CD per Sq.Mtr.
10. Brightness Control : Automatic / Manual.
11. Driving Method : 4 Bit Data, Constant Static .
12. Power Consumption : 800 Watt. Per Sq./ Mtr average.
13. Switch : Push Switch should be provided on control card for Time, Message and Colour setting / changing.
14. Display Matter etc. : Clock Time and Text Message Like "Happy New Year" other Greetings in can be given in time slot basic.

In this display board Time and Message can be shown alternatively in time slot basis.
15. Power Supply : SMPS, input range 180-260V-AC, Output 5V DC.
16. Operating Temperature : -10° C to + 55° C.
17. Protection on Power Line : Class-G protection device should be available.
18. Display Area Size : 1280mm (H) x 3328mm (W) approx.
19. Cabinet Board is : Aluminium Cabinet with Powder coated. This Display Outdoor Type, Water, Rain and Dust proof.
20. Cabinet Area Size approx : 1280mm (Height) x 3328mm (Width), 120mm (Depth)