

Punjab Mandi Board
S.C.O. No. 149-52, Sector 17-C, Chandigarh

Expression of Interest

This office intends to lease out advertisement space on Electronic Display Boards, installed in the Market Committees in the State of Punjab. These can be on space sharing or time slot basis. Electronic Display Boards have been installed, maintained and operated by Electronic Corporation of India, Hyderabad, a Government of India Company. So far, 49 Electronic Display Boards are working. List of sites, Specifications of Boards have been placed on the official website mandiboard.nic.in.

Interested Companies may express their interest by indicating their terms & conditions with in 15 days of the publication giving detailed background of their Company, works already done, works in hand, Government projects, their interest in time sharing or space sharing etc etc.

Information in this regard can be had from DGMP (IT) on the official email-id mndbdpb-chd@nic.in

Dated :

Secretary

Specifications of LED Board (Digital Display)

Main Features of the System

S.No	Description	Specifications
1	Display Size	2400mm x 3600 mm 8' x 12' +/- 4%
2	Pixels	64 x 96
3	No Of LEDs	64 x 96 x 2 (12288)
4	Gap Of LEDs	37.5 mm
5	Pixel Type/ Size	LED/5mm/Round
6	Colour	RED
7	Viewing Angle	60 Degrees
8	Luminous Intensity	3000 Lux
9	Programming	1. Text Messaging through Mobile Phone or 2. Graphics/text through PC Interface to pre programmed/ Programmable EPROMs/ NVRAM
10	Fonts	a) ASCII b) Serif Font
11	Data Presentation	Curtain, Scrolls, Weave, Rotates etc.
12	Animations Graphics	Display of Sequence Moves etc.
13	Power (Input)	220VAC (175 VAC to 260VAC) 50Hz. Consumption less than 480W. Max Current 2.50A, Isolated SMPS with Line Filter
14	Physical Size	2400 mm (H) x 3600mm (W) x 125mm (D) +/- 4%
15	Automatic ON/OFF	Timer with RTC for Scheduled ON/OFF or Timer function through Software for ON/OFF
16	Humidity	Maximum 90% RH non Condensing
17	Temperature	0-50 Degree C ambient Temperature
18	General	Enclosure: Outdoor Unit should be dust proof and Vermin proof designed to withstand local weather conditions with appropriate materials. The Control and Interface modules shall be in a separate enclosure located indoors or below the board to facilitate connection access for replacing the SIM Card/ PC Control for changing. The graphics LEDs are to be mounted on glass epoxy PCB (at least 2.4mm thick). LEDs are to be covered with protection cap filling with material like silicon bases resin for protection against Sun, Water and dust.
19	Documentation	Instruction Manual/booklet for day to day operations of the system and interface features for connection with a detailed block diagram shall be furnished.
II	Details of on line message controller card	

A	Micro Controller	Intel 8751/ Atmel 89C51 or superior
B	Message Storing Capacity	256KB
C	Storage Type	NVRAM (10 year life)
D	External Interface	GSM Interface and Ethernet
E	Additional Interface	RS485
F	Power Indication	LED
G	Power	5V DC, 500ma . 3.8v, 300ma (Normal)
H	Connector	D-9 for Serial Interface

List of sites for Electronic Display Board Sites

Sirhind	Rajpura	Khanna	Hoshiarpur
Bhatinda	Abohar	Mullanpur Dakha	Faridkot
Rampura Phul	Malout	Barnala	Bareta
Dasuya	Tanda	Kapurthala	Phagwara
Jhunir (Mansa)	Cheema	Sangrur	Sunam
Malerkotla	Bhawanigarh	Nabha	Dhanaula
Ferozepur	Ajnala	Tarn Taran	Patti
Sahnewal	Moga	Fazilka	Samana
Nawan Shahar	Banga	Kalanaur	Batala
Gurdaspur	Pathankot	Mukatsar	Talwandi Bhai
Lehragaga	Zeera	Gidderbaha	Jagraon
Ropar	Kharar	Amritsar	Phillaur
Nakodar	Bhogpur	Patiala	Jalandhar