

PURCHASE REQUEST

Date: 02/23/25

LGU: CITY OF CALAPAN

Fund:

Department: MIS - MO

PR No.:

0170

Date:

02/24/2025

Section:

FPP:

Item No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	SET	LED Screen Outdoor waterproof case including flight case for Information Dissemination Net-on-Wheels (Outdoor) Specs: Module arrangement: 3*2 Full screen resolution: length 1024 height 768 = 786432 points / Pixel pitch: 3.91mm / Package: 1921 Base color: red+green+blue Luminous point color combination: 1R1G1B / Pixel density: 65410 dots/m2 Unit board resolution: 64 dots wide × 64 dots high Unit board size: 2500*500mm Number of pixels on unit board: 8192 points/unit board Scanning method: 16S / Input voltage: DC5V / Maximum current: 5A Control host: Lenovo Kaitian host or computer of the same grade or above / Operating system: WIN 7/10 Control mode: synchronous control or asynchronous control / Graphics card: DVI independent graphics rd 1) Driving device: high gray scale constant current source driver IC / 2) Driving mode: 1/32 scan 3) Refresh frequency: ≥3840`60Hz 4) Frame rate: ≥60Hz / 5) Grayscale/Color: 14-bit grayscale 16.7M colors / 6) Brightness: 600cd/m2 7) Brightness adjustment method: software adjustable in 256 levels / 8) Video signal: RF, S-Video, RGB, RGBHV, YUV, YC, COMPOSITION, etc. 9) The control system adopts: PCTV card (optional) + DVI graphics card + main control card + optical fiber transmission (optional) / 10) Mean time between failures: 1000 hours 11) Lifespan: 100,000 hours 12) Flatness: ≤0.5mm between any adjacent pixels; unit board splicing gap <1mm; / 13) Uniformity: pixel light intensity and unit board brightness are uniform 14) Impurity rate: <0.0001 / 15) Switching power supply load: 5V/40A / 16) Computer display mode: 1280×1024 / 17) Effective communication distance: network cable 100m (no relay), multi-mode optical fiber 500m, single-mode optical fiber 20km /	1	240,677.00	240,677.00
TOTAL					240,677.00

Purpose: to used by the City Government of Calapan

Signature:

Printed Name:

PETER MERVIN M. ABOGADO

Designation:

MIS HEAD

Requested by:

Cash Availability:

Approved by:

NICASIO D. CATAPANG

City Treasurer

MARILOU Y. MORILLO

City Mayor

PR 2021 v. 0