



**REPUBLIC OF THE PHILIPPINES**

Department of Science and Technology

**PHILIPPINE ATMOSPHERIC, GEOPHYSICAL and  
ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)**

Science Garden, BIR Road, Diliman, Quezon City 1101

[www.pagasa.dost.com.ph/](http://www.pagasa.dost.com.ph/) [pagasa\\_bac@yahoo.com](mailto:pagasa_bac@yahoo.com)

Tel./Fax No. 4342661 / 4343817

**TERMS OF REFERENCE FOR THE SUPPLY, DELIVERY, INSTALLATION, TRAINING  
AND COMMISSIONING OF VIDEO WALL AT THIRD FLOOR WFFC BUILDING**

**A. OVERVIEW**

The third floor extension of the WFFC building is now occupied by Weather Forecasting Section. Since the forecasters do their regular map discussions in the operation room, they need to visualize many maps, videos and images for better analysis and presentation. To be able to have a much comprehensive visualization, a video wall is necessary to be installed in this room. Thus map discussion will be easier and clearer. It also includes video conferencing which is integrated in the video wall for possible map discussions with PRSDs or with inter agency for any weather related video conference meeting.

**B. APPROVED BUDGET FOR THE CONTRACT (ABC)**

The approved budget for the project amounts to **Eight million, one hundred thousand pesos only (Php 8,100,000.00)** inclusive of VAT and all applicable government taxes.

**C. QUALIFICATIONS OF THE BIDDER**

(Please refer to Section II. Instructions to Bidders, the Bid Data Sheet and Checklist of Eligibility and Technical Requirements of the Bidding Documents)

**D. DELIVERY PERIOD AND PLACE OF DELIVERY**

The winning bidder, after accepting the Notice to Proceed (NTP), shall deliver the hardware within the period of 45 calendar days at the PAGASA WFFC Building located at PAGASA WFFC Compound, BIR Road, Diliman, Quezon City.

## **E. BID PROPOSAL CONTENTS**

The prospective bidder is expected to comply and respond in accordance with the specific instructions to bidders and submit all the documentary requirements under the Checklist of Eligibility, Technical and Financial Requirements. The submission of documentary requirements must be properly arranged in order and with label. The prospective bidder shall respond paragraph by paragraph and shall clearly indicate compliance to all the required specifications (Please see Section VII. Compliance Matrix) and shall specify the number of days or schedules within which to complete the delivery of all the goods required (Please see Section VI. Schedule of Requirements).

The prospective bidder shall be required to include complete User's Manual, Installation guides and necessary drivers on a resource CD kit or available online at product's website.

These details will allow the PAGASA-Bids and Awards Committee to fully evaluate and determine compliance from the prospective bidders.

Manufacturer's Authorization Certificate and Dealer/Distributor Authorization Certificate is required during bid submission.

## **F. TECHNICAL SPECIFICATIONS**

The winning bidder shall supply, deliver, install and commission video wall with the following minimum specifications:

### **a) VIDEO WALL SPECIFICATIONS:**

Item no.	Name of Item	No. of pcs
1	55" 1.8mm Bezel to Bezel <ul style="list-style-type: none"><li>• Size: 55" Inches</li><li>• Panel Technology: IPS</li><li>• Aspect Ratio: 16:9</li><li>• Native Resolution: 1,920 x 1,080 (FHD)</li><li>• Contrast Ration: 1,400:1</li><li>• Dynamic CR: 500,000:1</li><li>• Viewing Angle (H x V): 178 x 178</li><li>• Surface Treatment: Hard coating(2 H), Haze 10 %</li><li>• Guaranteed Operating Hour: 24/7</li><li>• Inputs: HDMI, DP, DVI-D, OPS, Audio, USB 2.0, USB 3.0, RGB</li><li>• Outputs: DP, Audio</li><li>• External Control: RS232C, RJ45, IR Receiver</li><li>• Bezel Color: Black</li><li>• Bezel Width: 0.9 mm (Top/Bottom/Left/Right even bezel)</li><li>• / 1.8 mm *B to B : Panel Bezel + Panel Bezel</li><li>• Monitor Dimension (W x H x D): 1,211.4 x 682.2 x 86.5 mm</li></ul>	8

**TERMS OF REFERENCE FOR SUPPLY, DELIVERY, INSTALLATION, TRAINING AND COMMISSIONING OF VIDEO WALL AT THIRD FLOOR WFFC BUILDING**

	Special Features: Temperature Sensor, Tile Mode (up to 15 x 15), Natural Mode@Tile Mode, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory (8 GB, System 4 GB + Available 4GB), Wi-Fi Dongle Ready, USB Cloning, Content Scheduling, Fail over (USB, RGB, DVI, HDMI, Internal Memory) Power Type: Built-In Power	
2	<ul style="list-style-type: none"> <li>Professional Video Wall Mount with Quick LockPush System</li> </ul>	8
3	<ul style="list-style-type: none"> <li>55" Screen Spacer for Monitors</li> </ul>	1
4	<ul style="list-style-type: none"> <li>32" Std Performance Display (WebOS 3.0) w/ Wifi, Spkr &amp; Memory</li> <li>Resolution: 1,920 x 1,080 (FHD)</li> <li>Input: HDMI (2), DP, DVI-D, RGB, Audio, USB 3.0</li> <li>Outputs: DP, Audio</li> <li>External Control: RS232C in/out, RJ in, IR Receiver, Pixel Sensor</li> <li>Monitor Dimension: (W x H x D): 729.4 x 428.9 x 55.5 mm</li> <li>With content management software</li> </ul>	6
5	<ul style="list-style-type: none"> <li>Ultra Slim Medium Wall Mount up to 47" / 40kg</li> </ul>	6
6	<p><b>Video Integrator with UPS</b></p> <ul style="list-style-type: none"> <li>Scalable videowall processing for large videowalls with up to 28 displays or more</li> <li>Card frame videowall processing system available with 8 or 15 slots</li> <li>Scalable, field-expandable systems: field staff can add cards or cascade card frames to add more inputs and outputs</li> <li>Integrates easily into a diverse array of 4K environments such as lobbies, auditoriums, and simulation</li> <li>Supports 3G-SDI, HDMI, DVI, RGB analog, HD component, and standard video input signals</li> <li>Two input 3G-SDI card accepts SDI, HD-SDI, and 3G-SDI signals from 270 Mbps up to 2.97 Gbps</li> </ul>	1 lot
7	<ul style="list-style-type: none"> <li>Controller for Videowall Processors</li> </ul>	1
8	<ul style="list-style-type: none"> <li>Transmitter for HDMI</li> </ul>	4
9	<ul style="list-style-type: none"> <li>Receiver for HDMI</li> </ul>	4
10	<ul style="list-style-type: none"> <li>Streaming Media Encoder</li> </ul>	8
11	<ul style="list-style-type: none"> <li>H.264 Streaming Media Decoder</li> </ul>	8
12	<ul style="list-style-type: none"> <li>10" Tabletop Touchpanel</li> </ul>	1
13	<ul style="list-style-type: none"> <li>IP Link Control Processor for centralize AV</li> </ul>	1
14	<ul style="list-style-type: none"> <li>High Power Injector for 12", 15", and 17" Touchpanels</li> </ul>	1

15	<ul style="list-style-type: none"> <li>• IP Link Control Processor for serial and ethernet</li> </ul>	1
16	<ul style="list-style-type: none"> <li>• IR Emitter And Shield Kit</li> </ul>	6
17	<ul style="list-style-type: none"> <li>• On-Site Commissioning (with on-site configuration, programming, testing of engineer from site of the supplier)</li> </ul>	
18	<ul style="list-style-type: none"> <li>• Shielded Twisted Pair Cable for for remote switcher systems and local integrator systems</li> </ul>	1 spool
19	<ul style="list-style-type: none"> <li>• Shielded RJ-45 Plug Kit for Shielded Twisted Pair Cable</li> </ul>	1 pack
20	<ul style="list-style-type: none"> <li>• RJ-45 Crimp Tool</li> </ul>	1
21	<ul style="list-style-type: none"> <li>• 12RU Equipment Rack with Adjustable Trays</li> </ul>	1
22	<ul style="list-style-type: none"> <li>• Videowall Structural Support Wall and Enclosure with Flush Mount Design and Acrylic /Glass Finish</li> </ul>	1 lot
23	<ul style="list-style-type: none"> <li>• AV Systems Integration - includes complete System Design, installation, commissioning, testing and training. Cabling, Conduiting, Cable Pulling &amp; Termination, Roughing-Ins, Programing, Labor &amp; Materials.</li> </ul>	1 lot
24	<ul style="list-style-type: none"> <li>• 86" Touch screen Touch Screen Display Monitor LED backlight, 3840 x 2160 Pixel 4k, Display area: 1895X1066, up to 10 pts touch. Pen or finger, Touch Sensor: IR, Android System: 2 core 1.2 Ghz. Mic1, USB Media play, Port 5 (4 for Android, 1 for PC) Touch Frame USB , Port 3 (HDMI2, HDMI1-4k input), S-Video1, YpbPr/YcbCr/Audi x1, VGA 2, PAC Audio 2, AV2, RS232, Lan, SD, USB for PC. Output:AV, phone jack, VGA, Optical digital, HDMI. With user training . One year warranty. With Stand.</li> </ul>	1
25	<ul style="list-style-type: none"> <li>• 65" Class Touch Screen LCD Display LED backlight, 1920 x 1080 Pixel 4k, 15w x 2 speaker, up to 10 pts touch. IR Touch technology, Wifi ready, Pen or finger, Android System 5.0.1 OS 2gb RAM, *Gb storage, 4 core 1.4hz CPU. Inputs/Output: USB, VGA, HDMI, WAN/LAN, SD card slot, AV port, RS232. With mobile stand. With user training. One year warranty</li> </ul>	1
26	<ul style="list-style-type: none"> <li>• 10" x 30" LED time display monitor</li> </ul>	2

## G.TRAINING

One day demo operations and maintenance training for ten persons.

## H. EQUIPMENT AND SYSTEM WARRANTY

1. Three (3) years hardware, software, labor or service standard warranty.
2. Technical support assistance via email, phone, remote support, 24x7