



**PRESIDENTIAL BROADCAST STAFF
RADIO TELEVISION MALACAÑANG**

MEMORANDUM

January 23, 2014

FOR : VIRGILIO P. NADAL, JR.
Executive Director

FROM : ALL DIVISION HEADS


**SUBJECT : REVISED ANNUAL EQUIPMENT PROCUREMENT PLAN
(AEPP) FOR CY 2014 CAPITAL OUTLAY BUDGET**


Herewith, for your consideration, is the Revised Equipment Procurement Plan for CY 2014 Capital Outlay Budget, discussed and agreed upon by the undersigned division heads. The totally revised equipment plan for 2014 is to take into consideration the forthcoming Philippine hosting of the World Economic Forum (WEF) in May this year.

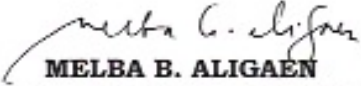
RTVM was tapped to set up and operate the International Broadcast Center for visiting local and foreign media at Shangri-La Manila Hotel in Makati City. The equipment to be used in the Broadcast Center will become part of the set up in the operation of an International Media Center during the Philippine hosting of APEC in 2015 located at the World Trade Center. The revised Procurement Plan includes Phase 1 and Phase 2 of the Technical Operation Center plus the list of broadcast equipment for acquisition which will be transferred to the Procurement Service (PS) Office for public bidding.

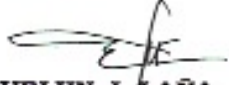
It is also hereby recommended that other small value items included in the broadcast equipment list (i.e. items 19 & 20) be procured using the alternative method of small value procurement (negotiated procurement).

For your approval.

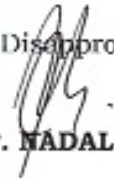

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EVELYN J. LAÑA
OIC, Admin and Finance Div.

Approved/ Disapproved:


VIRGILIO P. NADAL, JR.

PRESIDENTIAL BROADCAST STAFF - RTVM
 REVISED ANNUAL EQUIPMENT PROCUREMENT PLAN (AEP)
 CY 2014

ITEM NO.	DESCRIPTION	QTY	UNIT COST	TOTAL COST	REMARKS
1	Multi-Format System Digital Camera A/D Converter: 16 Bits Pickup device: 3-chip 2/3-inch type CCD Effective picture elements: 3220 x 1080 (H x V) Signal Format: 1080i/50i, 1080i/59.94i, 720i/50i, 720i/59.94i 1080i/23.98p, 1080i/24p, 1080i/25p, 1080i/29.97p Spectrum system: 1/4 prism system Optical filter: Clear, 1/4ND, 1/2ND, 1/4ND With: a) Viewfinder: 5cm (2 inches) Black and White CRT Viewfinder b) High Definition Lens: 16x zoom lens w/ extender Focal length: 6.3-101mm / 12.6-202mm Maximum Relative Aperture (F-No.): 1 : 1.8 (6.3-63mm) / 1 : 2.9 (101mm) Zoom Ratio: 16X Extender: 2X Size (Width x Length): 95 x 238.5mm Full Servo Zoom and Focus c) Camera Tripod Adaptor d) Camera Carrying Case	5 units 5 units 5 units 5 units 5 units	1,833,703.20 258,607.40 1,444,060.80 25,048.80 88,452.00	9,168,516.00 1,283,012.00 7,220,104.00 125,244.00 442,260.00	Public Bidding -do- -do- -do- -do-
2	CAMERA TRIPOD (FOR ITEM #1) Payload: 40 - 60 lbs Weight (without cover/bag): 15 - 20 lbs Height min.: 15" - 30" Height max.: 60" - 70" 180degrees Pan Range Carbon Fiber Material with Nylon Padded Tripod Case with: Tripod Dolly with Lock	5 units	423,612.00	2,118,060.00	-do-
3	CAMERA CONTROL UNIT(CCU) (must match with ITEM #1) Video output: HD SDI/SD SUI Video Output With: Analog composite Output Sync Output Return Input Prompter Input	5 units	1,420,070.40	7,100,352.00	-do-
	With: a) Remote Operation Panel (ROP) Full control of camera settings Joystick type iris control CCU control: Control signals (camera, CCU control) RCP control: Control signals (fader control) b) ROP CABLE CCU Cable: c) CCU FIBER OPTICS w/LEMO connector CABLE, 250 meters/roll	5 units 5 units 48 rolls	331,581.80 24,091.20 157,840.75	1,657,908.00 120,456.00 7,394,156.00	-do- -do- -do-
4	PORTABLE DIGITAL PRODUCTION SWITCHER All-in-One Switcher Design Compact Size 6 Primary Video and Audio Inputs 1 M/E + 4 Keyer + 2 Logo HD/SD SDI, HD SDI, RGB, HDMI, Reference Video Out	2 units	1,260,000.00	2,520,000.00	-do-
5	HD/SD SDI MULTI-FORMAT PRODUCTION SWITCHER with ACCESSORIES 2 M/E buses with four keyers per M/E Wide Range of Transition Effects Two Channel Multi-viewer 24 Key Control Panel 12 BNC Primary Input Processor 16 BNC Assignable Outputs	1 unit	1,937,600.80	1,937,600.80	-do-
6	60"-42" HIGH-GRADE BROADCAST PROGRAM MONITOR 16:9 Native Aspect Ratio High Resolution 1920 x 1080 Full HD Professional Monitor Wide Viewing Angle VGA, HDMI, and DVI Input Format as standard with: HD/SD-SDI interface	1 unit	449,568.00	449,568.00	-do-
7	HIGH-GRADE BROADCAST 4-IN-1 MONITOR Number of Screens: 4 X 4.1" monitor Input (1 screen): 1 x BNC SDI Channel Output (1 screen): 1 x BNC SDI Channel (Active Through Out) Input Signal: HD-SDI/SD-SDI SDI Input Signal Format: 1080i, 1080P, 720P, 1080i, 480i	2 units	31,068.80	62,137.60	-do-
8	9" HIGH-GRADE BROADCAST PROGRAM MONITOR 9" Full HD (1920x1080) High Performance LCD Monitor Input: Composite BNC, SDI BNC, HDMI Output: BNC, SDI 16:9 Aspect Ratio with: Mounting Bracket	2 units 1 unit	157,348.80 22,579.20	314,697.60 22,579.20	-do- -do-

PRESIDENTIAL BROADCAST STAFF - RTVM
REVISED ANNUAL EQUIPMENT PROCUREMENT PLAN (AAPP)
CY 2014

ITEM NO.	DESCRIPTION	QTY	UNIT COST	TOTAL COST	REMARKS
9	DISTRIBUTION AMPLIFIERS 1 Video Input with Loop thru 10 equalized 75ohms Video Outputs Power Input: Auto Volt HD-SDI & SDI Output Indication LEDs Standard 19" Rack Mount Size - 1RU	4 units	52,718.40	210,873.60	
10	CONVERTER HD SD SDI 4 Channel Analog Audio Embedder/Disembedder with: Auto Volt Power Supply	1 unit	56,007.60	56,007.60	-do-
11	Handheld Coaxial Cable Stripper for Canare L-4CFR	2 units	9,424.00	18,848.00	-do-
12	Hand Grip Tool for Canare Connectors Interchangeable Die Set Scissor Hatchet Action Hardened Swedish Steel Construction with: 75-ohm BNC Crimp Type Connector for L-2.5CFR (100 pcs/box)	2 units	9,979.20	19,958.40	-do-
13	Die Set for Canare L-4CFR	10 box	26,208.00	262,080.00	-do-
14	Die Set for Canare L-2.5CFR	1 unit	14,968.80	14,968.80	-do-
15	POWERED SPEAKER 10cm full range powered Type: Horn-reflex powered speaker Frequency response: 75Hz to 18kHz Power consumption: 30W Output power: 10W MIC input, 2 LINE inputs, Volume and Tone Control LINE output	4 units	9,439.50	37,758.00	
16	MAIN STATION AMPLIFIER must be compatible with existing RTVM Broadcast Communication Equipment Compact in-room main station supports up to 40 helipacks, 10 speaker stations or 12 headset stations on two channels include channel A/B linking, line level program input, Remote Mic Kill switch, and external relay circuit.	3 units	67,284.00	201,852.00	-do-
17	REMOTE STATION AMPLIFIER must be compatible with existing RTVM Broadcast Communication Equipment 4 Channel interface connects to TV Cameras, two way radio, satellite links, and other communications devices through either headset jacks or four wire circuits. Switchable mic or line level output for compatibility. with: a) Single ear headset (must match with items #16 & #17) High ambient noise attenuation headphone equipped to a hyper-cardioid dynamic microphone that provide high quality audio 200/400ohms impedance mic/earpiece. Fonak 4pin XLR Microphone Element: Dynamic Polar Pattern: Hyper-cardioid Frequency Response: 200Hz - 20kHz b) Single-channel standard helipack (must match with items #16 & #17) Four-pin male headset connector and three-pin Fonak/male loop through intercom line connectors. c) Single ear headset (must match with items #16 & #17)	3 units	59,109.60	177,308.80	-do-
		10 units	17,841.60	178,416.00	-do-
		6 units	18,245.80	110,079.80	-do-
		12 units	29,252.80	351,033.60	-do-
	High ambient noise attenuation headphones equipped to a hyper-cardioid dynamic microphone that provide high quality audio 200/400ohms impedance mic/earpiece. Mole 5pin XLR Microphone Element: Dynamic Polar Pattern: Hyper-cardioid Frequency Response: 200Hz - 20kHz				
	SUBTOTAL			46,381,927.20	
1	NETWORK READY P2 MEMORY CARD PORTABLE RECORDER / PLAYER: Soft control panel with Jog/Shuttle dial/audio fader, menu setting and user file, versatile playback functions, and waveform/vector scope AVC intra codec, VarCam Speed effects, Gamma conversion for cinema production, 24-bit compatible, HD/SD multi-format, high quality 24 bit audio recording, up/down/trim conversion and excellent reliability and mobility with P2 recording Advanced recording function with G slots, clip copying and editing, direct capture from external VTR, new playlist editor GUI for intuitive operation and clip metadata functions.	1 unit	1,087,682.40	1,087,682.40	-do-

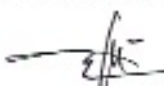
PRESIDENTIAL BROADCAST STAFF - RTVM
 REVISED ANNUAL EQUIPMENT PROCUREMENT PLAN (AEPF)
 CY 2014

ITEM NO.	DESCRIPTION	QTY	UNIT COST	TOTAL COST	REMARKS
2	with : P2 MEMORY CARDS 64GB P2 Memory Card Data Transfer Up to 1.2 Gbps High Durability Works Even in Harsh Environments	20 units	49,302.00	987,040.00	-do-
	SUBTOTAL			2,075,572.40	
1	Central Router with Multi-viewer system	1 system	6,204,853.52	6,204,853.52	-do-
2	Signal Routing and control	1 set	1,176,331.63	1,176,331.63	-do-
3	Master Clock/ Timing Generator, GPS & Sync Pulse Generator (SPG)	1 set	728,842.64	728,842.64	-do-
4	IT Network Switch	1 unit	26,227.15	26,227.15	-do-
5	55-inch Multi-viewer Display Monitor with HD/SD Converter	1 unit	346,621.30	346,621.30	-do-
6	46 inch High Grade Broadcast Program Display Monitor	2 units	397,028.18	794,056.37	-do-
7	Waveform Monitor and Signal Analyzer	1 set	868,051.47	868,051.47	-do-
8	Audio Program Confidence Monitor	1 unit	340,381.47	340,381.47	-do-
9	17" High Grade Broadcast Multi-format Program Display Monitor	1 unit	224,170.30	224,170.30	-do-
10	Audio and Video Confidence Monitor	1 unit	740,945.86	740,945.86	-do-
11	Video Signal Processor and Multi-Format Signal Standards Converters	2 systems	365,088.23	728,128.46	-do-
12	Program Downstream Keyer (DSK)	1 system	717,240.94	717,240.94	-do-
13	Digital Video Frame Synchronization Module cards	4 cards	175,000.16	700,000.64	-do-
14	Digital Video Distribution Amplifier Module cards	10 cards	208,625.93	2,086,259.28	-do-
15	Composite Video and Analog Audio Monitor Module cards	4 cards	105,061.40	420,245.60	-do-
16	Composite signal Audio/Video Decoders, Synchronization/ Processing Amp & Audio Multiplexing Module cards	4 cards	183,361.45	733,445.79	-do-
17	Universal Chassis Frames for Modular Broadcast cards	5 units	127,510.15	637,550.75	-do-
18	Video Patch Bay/Field	4 units	20,576.34	82,305.38	-do-
19	Video Patch Cards (48 cards)	1 set	38,328.19	38,328.19	-do-
20	Fiber-Optic Transmitter modules with frame	4 cards	201,144.22	804,576.88	-do-
21	Fiber-Optic Receiver modules with frame	4 cards	201,144.22	804,576.88	-do-
22	Equipment Racks	3 sets	93,063.94	279,191.81	-do-
23	SYSTEM DESIGN, DELIVERY, INSTALLATION, WIRING (DIGITAL VIDEO CABLES AND ALL OTHER CABLES AND CONNECTORS TO BE SUPPLIED BY WINNING BIDDER), TESTING, COMMISSIONING OF ALL SUPPLIED EQUIPMENT/SERVICES AT THE FOLLOWING SITES: 1) RTVM DUBBING ROOM - (inclusive of Orientation & Hands-On Training of End Users) 2) WSP'S DESIGNATED VTRMF on May 28, 2014 (tentative Date of Installation, with pull out/egress of equipment on May 24, 2014) 3) RTVM DUBBING ROOM FOR A FULLY INTEGRATED BROADCAST CENTRAL ROUTER SYSTEM IN A TURN KEY BASIS ORIENTATION AND TRAINING OF RTVM END-USERS	1 lot	1,675,045.01	1,675,045.01	
	SUBTOTAL			21,301,326.65	
1	MINOR TOOLS: USGA SCAN CONVEYER W/ BREAKOUT CABLE	1 unit	28,625.00	28,625.00	Small Value Proc.
2	SONY BRAVA 24 INCH LED MONITOR	1 unit	12,600.00	12,600.00	Small Value Proc.
	SUBTOTAL			41,225.00	

GRAND TOTAL **69,799,999.25**

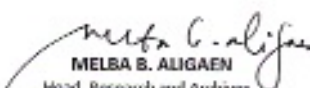
NOTE:

*Factored-in 5% Inflation Rate


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