



Ministry of Science, ICT and
Future Planning

Survey on Donation of Broadcasting Equipment

- ODA(Official Development Assistance) Project -

 **RAPA** Korea Radio Promotion Association

Introduction

Dear Sir/Madam

We hope that your company will ceaselessly prosper.

This survey is about 'Donation of Broadcasting Equipment Program', a part of South Korea's ODA (Official Development Assistance) project, supervised by Ministry of Science, ICT & Future Planning and implemented by Korea Radio Promotion Association.

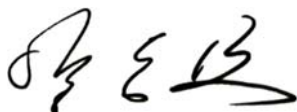
The ODA project is an international cooperative program that is designed to provide broadcasters in beneficiary countries designated by the OECD's DAC (Development Assistance Committee) with analogue and digital broadcast equipment. South Korea is planning to share its know-how and experience with other countries, based on its success in Digital Broadcasting Transition in 2012.

Aim of this survey is to understand what your country/company thinks of this ODA project, and the results will serve as basic information for the efficient management of the project. Your thoughtful answers will help cooperation between your country and South Korea.

We hope to get lots of your support for South Korea's future ODA projects.

Sincerely,

Yang, Dong-Mo



Secretary General

Korea Radio Promotion Association

Republic of Korea

Respondent Information

Country	
Company	
Department	
Name	
Position	
Tel/Mobile	
E-mail	
Address	
Web-site	

Contact Information

Name : Scott HWANG

Telephone : +82 2 317 6144

Telefax : +82 2 317 6061

E-mail : hiu@rapa.or.kr

Address : 3, Mokdongjungang-ro 13na-gil, Yangcheon-gu, Seoul 135-703, Korea

■ Questions on Digital Broadcasting Transition (Q1 – Q9)

- The following questions are intended to ask about digital broadcasting transition

1. Is the date of the Digital Broadcasting Transition confirmed (anticipated) in your country?

① Yes (if Yes, please answer the following items)

Analogue Switch-Off (ASO) : <input type="text"/> Year <input type="text"/> Month <input type="text"/> Date
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② No

2. Is the basic policy for the Digital Broadcasting Transition established?

① Yes

② In progress

③ No

A. If the basic policy is established, how much financial support has been secured?

① 20% or less

② 20 - 39%

③ 40 - 49%

④ 50 - 59%

⑤ 60 - 69%

⑥ 70% or more

3. How many transmitting stations does your company operate for broadcasting

① 10 or less

② 11 - 20

③ 21 - 30

④ 31 - 40

⑤ 41 - 50

⑥ 51 or more

4. How many subsidiary stations (repeater stations) does your company operate?

① 100 or less

② 101 - 200

③ 201 - 300

④ 301 - 500

⑤ 501 - 800

⑥ 801 or more

5. What is the rate of digital broadcasting transition in your company?

① No transition

② 10% or less

③ 11 - 30%

④ 31 - 50%

⑤ 51 - 70%

⑥ 71% or more

6. Please select the equipment that your company intends to change for digital broadcasting, in order of priority.

1.	2.	3.
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- ① Production equipment ② Editing equipment ③ Play-Out equipment
- ④ Transmitting equipment ⑤ Others ()

A. Please provide detailed information on the equipment listed above.

Priority	Name of Equipment	Name of Manufacturer
1 st		
2 nd		
3 rd		

B. What does your company consider to be the most important in purchasing above equipment?

- ① Function
- ② Compatibility with existing equipment
- ③ Price
- ④ The popularity and credibility of the manufacturer
- ⑤ After-Sales Service, training and technical supports
- ⑥ Whether the equipment is being used by other broadcasters (Reference)

■ Questions on ODA project (Q7 – Q11)

- The following questions are intended to ask about South Korea's ODA project to donate broadcasting equipment to recipient countries.

7. In this year's ODA program for the donation of broadcasting equipment, we are planning to donate analogue and digital broadcasting equipment and to provide training in using the equipment.

Would you like to participate in the project?

① Yes

② No

8. As the Digital Broadcasting Transition is completed in Korea on Dec 31 2012, we will purchase the following analogue equipment sets from terrestrial broadcasters and provide them after fully refurbished. (Please consult the APPENDIX)

Does your company have an intention to participate in this equipment support project?

① Yes

② No

OB Van (including 4 cameras)	2 Cameras + 4 VCR's + 2 LCD monitors		
			
			
			
			

9. As for digital equipment support, the following items will be available to be provided as brand-new products.

Please choose what you would like to be provided. (*multiple answers allowed*)

- ① Fully replacing broadcasting monitor screens (LCDs)
- ② CMS (Contents Management System) (including data storage)
- ③ APC(Automatic Program Controller) System
- ④ Replacing broadcast lighting (LEDs)
- ⑤ Digital Broadcasting Play-Out and transmission system



- ⑥ Others

10. If there are any products or solutions that you may need for Digital Broadcasting Transition other than ones listed above, please specify.

11. Following this year, South Korea will be conducting technical cooperative programs, such as sharing its know-how Digital Broadcasting Transition, equipment support project as well as.

Please check the one(s) you want to participate in the project. (*multiple answers allowed*)

① 2014

② 2015

③ 2016

④ All of the above

■ Conclusion (Q.12)

12. Please feel to provide any further opinions with this ODA project, comments or requests to South Korea.



We sincerely appreciate your cooperation in completing this survey

APPENDIX

■ Broadcasting Equipment Detail (Camera & VCR)

No	Item	Model	Manufacturer	Quantity
1	CAMERA	DSR-450WS	SONY	2
2	VCR	DSR-2000	SONY	4

■ Broadcasting Equipment Detail (OB Van)

No	Item	Model	Manufacturer	Quantity
1	AIR SUSPENSION	REAR AXLE		1
2	VAN REMODELING			
	SIDE & ROOF , FLOOR	AL-POLY PANEL		1
	SOUND ABSORPTION, CURTAIN, FLOOR	INTERIOR		1
	SWITCHER DESK/RACK			1
	RACK SYSTEM	19"		4
	RACK VENTILATOR			4
	SOUND ABSORPTION SYSTEM			2
	SOUND PROOF			1
	SLIDE STEP	AL/SUS		1
	REAR STEP	SUS		1
	PLAT FORM	AL CHECK'D		1
	CELLING FAN			1
	ROOF BOX	V/A, SUS		1
	SIDE WALL BOX	V/A, AL		1
	SEAT	1 person		4
	CHAIR	1 person		1
	GEN, VENTILATOR			2
	BUMPER (F:PAINT, R:FRP), WHEEL FRONT COVER			1

	M/W ANT & TRIPOD HOOK			1
	PAINTING & LOGO			1
3	POWER SUPPLY			
	GENERATOR(ONAN USA)	DIESEL, 15KW		1
	AVR	7.5KW, 220V		1
	TRANSFORMER	15KW		1
	BATTERY CHARGER	30A		1
	BATTERY			2
	POWER CONTROL BOARD, MONITOR'G			1
	EXT POWER IN BOARD			1
4	ETC.			
	AIRCON	3780Kcal		2
	S-HEATER			3
	CABLE DRUM	MOTORIZED		4
	SEARCH LIGHT	DC24V		4
	LAMP (AC DIMMER)	DC24V		6
	SUNSHADE TENT	1.8M, 2.2M AUTO		2
5	CAMERA			
	3 CCD Digital Camcorder	DXC-D35L	SONY	4
	(Supplied Accessories)		SONY	
	Camera Head		SONY	
	Camera Handle		SONY	
	Remote Control Unit	RM-LG1	SONY	
	1.5 inch B/W Viewfinder	DXF-801	SONY	
	Tripod Adaptor	VCT-U14	SONY	
	Microphone		SONY	
			SONY	
	(Options)		SONY	
	Camera Adaptor (for EFP use)	CA-TX7	SONY	4
	Remote Control Panel	RCP-TX7	SONY	4
	SDI Outboard	DXBK-701	SONY	4
	5" Monochrome Viewfinder	DXF-51	SONY	4
	Camera Control Unit (for EFP use)	CCU-TX7	SONY	4
	Remote 10 Pin Cable	CCA-7-5	SONY	4
	Intercom Headset	DR-100	SONY	4

	Rack Mount Kit for two CCU-TX7	RMM-TXC7	SONY	2
	Rack Mount Kit for two RCP-TX7	RMM-TXR7	SONY	2
	Rain Cover	LCR-1	SONY	4
	Hand Carrying Case	LC-424	SONY	3
	Camera Access Cable Fischer Triax cable (200m)	TXC200-F-SB	CANARE	2
	Camera Access Cable Fischer Triax cable (100m)	TXC100-F-SB	CANARE	2
6	Lens & Accessory		Canon	
	1. Canon BC TV Zoom Lens, J16ax 8B		Canon	2
	- UV Filter		Canon	2
	- Semi-Servo Control kit, Consisting of;		Canon	2
	- Zoom Servo Demand, ZSD-350M		Canon	
	- Focus Manual Controller, FFC-200		Canon	
	- Flexible Cable 32", FC-40		Canon	
	- Flexible Focus Module, FFM-300		Canon	
	2. Canon BC TV Zoom Lens, J21ax 7.8B		Canon	2
	-UV Filter, UV/94P1		Canon	2
	-Semi-Servo Control kit, Consisting of;		Canon	2
	- Zoom Servo Demand, ZSD-350M		Canon	
	- Focus Manual Controller, FFC-200		Canon	
	- Flexible Cable 32", FC-40		Canon	
	- Flexible Focus Module, FFM-100		Canon	
7	Pedestal			
	Sachtler Camera Supporting System Consisting of :		Sachtler	3
	Fluid head Video 20 Plus with two pan bars and camera wedge plate	2000P	Sachtler	
	Tripod CF100 long	5382	Sachtler	
	Spreader SP100/150	7003	Sachtler	
	Cover 100II	9309	Sachtler	
	Dolly S	7065	Sachtler	3
8	VCR		SONY	
	Digital Video Cassette Recorder	DSR-2000	SONY	2
	(Supplied Accessories) - per SET		SONY	
	AC Power Code		SONY	
	Operation Manual		SONY	

	(Optional Accessories)		SONY	
	- Rack Mount Kit	RMM-131	SONY	2
9	DIGITAL SWICHER		GVG	1
	Model 1200 Production Switcher	1200	GVG	1
	-Dual SD Input Module	1200-202	GVG	8
	-SD Output (PGM/PVW/)	1200-302	GVG	2
	-Second Mix/Effects Keyer	1200-510	GVG	1
	-Chromatte 4:2:2 Chroma Keyer	1200-530	GVG	1
	-Boarderline Key Edge Gen.	PSWL-521	GVG	3
	-Look-ahead Preview Mixer	1200-600	GVG	1
	-Source Display Module	1200-410	GVG	1
10	ROUTINE SWITCHER		Quartz	
	Digital Video Router	Q1600-SV-1604-A	Quartz	1
	Remote Panel, multimode 16 BPS & Lock 1U unit, fully programmable e.g. 16 sources, 1 dest & lock.	CP-1601A	Quartz	4
11	INTERFACE SYSTEM			
	- SDI to Composite Encoder	SDC-104N	BRONICS	3
	- NTSC to SDI Decoder with Frame Synchronizer	ADD-104N-FS	BRONICS	2
	- SDI Re-clocking Distribution Amplifier	RDA-108N	BRONICS	2
	- SDI Monitoring Re-Clocking Distribution Amplifier	RDA-104N	BRONICS	6
	- 3 RU Standard Frame (Dual Power Supply)	WMF-310D	BRONICS	2
	- Extender		BRONICS	1
	- Analog Video Equalizing Distribution Amplifier(1F/10M)	WVD-610	BRONICS	1
	-Audio Distribution Amplifier(1F/10M)	WAD-810S	BRONICS	1
	-Audio Distribution Amplifier(1F/6M)	WAD-606	BRONICS	1
	3)1RU Standard Frame (including Singing Power)	WMF-102S	BRONICS	1
12	Monitor System		SONY	
	1)8" Line Monitor	PVM-8042Q	SONY	20
	-Rack Mount	MB-520	SONY	10
	2)14" Monitor	PVM-14M2U	SONY	3
	-Rack Mount	MB-502B	SONY	3
	-SDI Decoder Board	BKM-101C	SONY	1
	3)14" Monitor	DWM-151	DIGITAL WORLD	1

13	Sync Generator			
	SYNC GENERATOR : COMPONENT DIGITAL	SPG422	TEK	2
	- BLACK BURST OUT;	SPG422 01	TEK	1
	ADDS 4 ADDITIONAL BLACK BURST OUTPUTS			
	- SERIAL DIG TSG;	SPG422 02	TEK	1
	ADDS A SERIAL DIGITAL VIDEOTEST SIGNAL GENERATOR			
	- CHANGEOVER UNIT;	ECO422D	TEK	1
	STANDARD DEFINITION/HIGH DEFINITION			
14	SYNC/Quality Check			
	1) Digital Waveform /Vector Scope	TVM-821D	VIDEOTEK	1
	-Double Rack Mount	DRC-1	VIDEOTEK	1
	-Blank Panel	BLK-1	VIDEOTEK	1
	2)Waveform Monitor	TSM-61	VIDEOTEK	4
	3)Vector Scope	VSM-61	VIDEOTEK	1
	-Double Rack Mount	DRC-1	VIDEOTEK	3
	-Blank Panel	BLK-1	VIDEOTEK	1
	4)Audio Line Monitor	WAL-204	World Telecom	1
15	VIDEO TALLY SYSTEM			
	-Tally Control Unit	WTC-320V	BRONICS	1
	-Tally Display Unit	WTL-103	BRONICS	6
	-Tally Display Unit	WTL-104	BRONICS	10
	Digital Time Display(one side)	WCS-530S	BRONICS	1
16	AUDIO CONSOLE(16CH)	WKE-2000M	BRONICS	1
	-Mic/Line Input		BRONICS	12
	-Stereo Input		BRONICS	4
	-Master Output		BRONICS	2
	-C/R Monitor		BRONICS	1
17	A/V PATCH SYSTEM			
	1) Video Patch Board	242U-DVJW	CANARE	6
	-Video Patch Cord	VPC01-WC BLACK	CANARE	15
	2)Audio Patch Board	WEP-FN-C-48-N-1-A	CANARE	3
	-Audio Patch Cord	BC009M BLACK	CANARE	15

18	SPEAKER&AMP SYSTEM	LS Speaker	Bose	2
19	CAMERA INTERCOM SYSTEM			
	CAMERA INTERCOM SYSTEM 8CH	BTC-108	HDb&T	1
20	ETC. System			
	Graphic Equalizer	ASP-231	AUDIANT	1
	CDP	PMD-340	Marantz	1
	Power Distribution Unit	WPD-202	BRONICS	4
21	CABLE & CONNECT SYSTEM			
	1)Jeep Cable(100m):including connector	A12 PC100	CANARE	1
	-Jeep Box	A12 PBF-SC	CANARE	1
	-Jeep Connector(F)	LK-J33CM3-31S	CANARE	1
	2)Multi Cable (100m)	8C100-M2	CANARE	1
	-Junction Box	8J12N1	CANARE	1
	-Accessory tool BOX			3

