# **Attachment 1**

### **List of Archival Formats**

The 92nd Street Y archive includes events recorded in the following formats:

# **Audio Formats**

1/4" Open Reel
1/2" Open Reel
Audiocassette
DBX on VHS Cassette
PCM on VHS Cassette
Mini-disc
DAT

Broadcast WAV file (24 bit, 96K), on ProTools platform

### **Video Formats**

**DVD-RAM** 

Beta SP

 $\mathbf{DV}$ 

open reel

**U-matic** 

**VHS** 

Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Date: 8-3-07					
TITLE: Café					
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio					
Loudspeaker with 70V transformer and wallmount bracket	QSC Audio	AD-S82	8		
Ceiling loudspeaker with grille and integral backcan (in lounge area)	JBL Pro	Control 226C/T	6		
Audio DSP chassis (with CobraNet)	Biamp	AudiaFlex CM	1		
Audio DSP input card (two channel mic/line)	Biamp	IP2	6		
Audio DSP output card (two channel line)	Biamp	OP2	5		
Audio DSP programming	Per contractor	Per contractor	1		
Audio balancing adapter	Jensen Transformers	PC-2XR	4		
70V audio amplifier	OSC Audio	CX302V	1		
CD player	Denon-Marantz Pro	DN-C615	1		
				Sub-Total:	
Video					
RGBHV switch	Extron	Crosspoint 88HVA	1		
Keyboard/video/mouse switch (provide all necessary cables)	Avocent	8SV1000-001	1	Owner F	urnished
Rack-mount PC monitor/keyboard/mouse	Blackbox	KVT201A-R2	1	Owner F	urnished
1x2 VGA DA	Extron	P2DA2 Plus	5		
DVD player	Denon-Marantz Pro	DN-V200	1		
42" flatscreen display with loudspeakers	Sharp	Aquos LC-42BT10U	5		
Ceiling-mount for flatscreen	Chief Manufacturing	PCM with extension accessory	4		
Wall-mount for flatscreen	Chief Manufacturing	As required	1		
Graphics software for Café and Ticket Desk flatscreens	C-Nario	Per quotation #800	1		
Windows PC, graphics-optimized outfitting	Per C-Nario	Per C-Nario	5	Owner F	urnished
Windows PC	Per Owner	Per Owner	1	Owner F	urnished
Rackmount for windows PC	Middle Atlantic	As required	6		
CATV set top box	Per Owner	Per Owner	1	Owner F	urnished
UTP transmitter	Extron	MTP T 15HDA	1		
UTP receiver	Extron	MTP RL 15HDA	1		
Video monitor	Marshall Electronics	V-LCD4-PRO-L	1		
Portable Equipment				Sub-Total:	
Active loudspeaker for tripod mounting (Mever UPA-1P)	Per Owner	Per Owner	2	Owner F	urnished
Loudspeaker ceiling mount	Custom	By AV contractor	2	J.,1	
Portable audio mixing console, 12 channel	Mackie	DFX-12	1		
Dynamic microphone	Per Owner	Per Owner	4	Owner F	urnished
Microphone stand with boom	Per Owner	Per Owner	4		urnished
Microphone cables, various lengths	Per Owner	Per Owner	8		urnished
				2	
				Sub-Total:	
Control	Crastra	4370	,		
Control system mainframe	Crestron	AV2	1		
Control system serial interface	Crestron	As required	1		
Wired control panel with rackmount	Crestron	CT-1550	1		
Control system programming	Crestron	Per quotation	1		
				Sub-Total:	
Miscellaneous					
Equipment rack	Middle Atlantic	ERK-4425	1		
Rack-mount slide-out shelf	Middle Atlantic	As required	1		

**200 Hudson Street Currently Installed Equipment-**Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Custom jack panel (for laptop input)	Custom	Per AV Contractor	1		
Surge suppressor	SurgEx	SX-2120	1		
Miscellaneous cable assemblies and accessories	Per AV Contractor	Per AV Contractor	1		
				Sub-Total:	
				Total:	
ADD / ALTERNATES					
List Add/Alternates here					

Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Date: 8-3-07					
TITLE: Screening Room		1	+ +		
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio					
Film surround processor	Per Owner	Per Owner	1	Owner Fi	umished
Video surround processor	Outlaw Audio	Model 990	1		
Rackmount for video surround processor	Middle Atlantic	As required	1		
2 channel audio power amplifier type 1	QSC Audio	CX-1102	2		
2 channel audio power amplifier type 2	QSC Audio	CX-302	4		
Loudspeaker type 1	Frazier Speakers	Cat 69, part #F1690	3		
Loudspeaker type 2	Frazier Speakers	Cat 35, part #F3150	6		
Loudspeaker type 2	Frazier Speakers	Cat 35, part #F3150	2	Owner Fi	umished
Mounting bracket for surround loudspkeaker	As required	As required	8		
Loudspeaker type 3 (subwoofer)	Frazier Speakers	Part #2610	1		
Audio DSP chassis (#1 and #2, with CobraNet)	Biamp	AudiaFlex CM	2		
Audio DSP input card (two channel mic/line)	Biamp	IP2	9		
Audio DSP output card (two channel line)	Biamp	OP2	6		
Audio DSP programming	Per contractor	Per contractor	1		
Rack monitor panel	Atlas Sound	MVX-195	1		
Assistive listening system with 4 receivers	Listen Technologies	LS-81-SIR	1		
Ambient microphone	Crown	PZM-11	2		
•					
				Sub-Total:	
Film/Video					
35mm film projector with changeover and accessories	Per Owner	Per Owner	2	Owner Fi	umished
Film splicing table and related handling equipment	Per Owner	Per Owner	1	Owner Fi	umished
	Cinema Technology				
35mm projector installation and commissioning service	Services	Per quotation	1		
Digital video projector	Digital Projection	Titan SX+ 500	1		
Lens for video projector	Digital Projection	Part #105-608	1		
Ceiling mount for video projector	By AV contractor	As required	1		
Windows PC	Per Owner	Per Owner	1	Owner Fr	umished
Rackmount for windows PC	Middle Atlantic	As required	1		
Laptop connection interface	Extron	RGB-460xi	2		
CATV set top box	Per Owner	Per Owner	1	Owner Fr	umished
RGBHV switch (8x4)	Extron	Crosspoint 300 84 HVA	1		
DVD player	Denon-Marantz Pro	DN-V200	2		
DigiBeta player	Per Owner	Per Owner	1	Owner Fr	umished
Multi-input rack video monitor	Marshall Electronics	V-R84DP-HDA	1		
Rack-mount for video monitor	Middle Atlantic	As required	1		
				Sub-Total:	
Video capture camera and supporting electronics	_				
Pan/tilt SD video camera, with mount	Sony	BRC-300	11		
Local optical extension card	Sony	BRBK-303	1		
Wallmount for remote pan/tilt camera	Sony	As required	1		
		1	+		
				Sub-Total:	
Control					
Control system mainframe	Crestron	AV2	1		
Wireless touchpanel with docking station	Crestron	STX-1700CW	1		
Control system touchpanel, wired (located in projection booth)	Crestron	CT-1550	1	I	
Control system programming	Crestron	Per quotation	1		
COLUCT SYSTEM PROFESHINE	CIESTION	r er quotation	1 1		

**200 Hudson Street Currently Installed Equipment-**Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

	1	1	1 I	1
				Sub-Total:
Miscellaneous				
Perforated projection screen with frame, accessories (not basebuilding)	Per Owner	Per Owner	1	Owner Furnished
Equipment rack	Middle Atlantic	ERK-4425	2	
Wallmounted equipment rack	Middle Atlantic	AXS-18	1	
Surge suppressor	SurgEx	SX-2120	1	
Miscellaneous cable assemblies and accessories	Per AV Contractor	Per AV Contractor	1	
		-	$\perp$	
				Sub-Total:
			$\perp$	Total:
ADD / ALTERNATES				
Perforated projection screen with frame, accessories (not basebuilding)	Stewart Filmscreen	Per quote# 119328	1	
DigiBeta VTR	Sony	DVW-510	1	
Higher model digital video projector	Digital Projection	Titan 1080P 250	1	
Provide AMX hardware/services as alternate to Crestron	AMX	Per quotation	1	
List other add/alternates here				
			$\bot$	

**200 Hudson Street Currently Installed Equipment-**Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

TITLE: Lecture Room with attached Seminar Room					
The state of the s					
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio					
Program loudspeaker with wallmounts	QSC Audio	AD-S82	4		
Ceiling loudspeaker with grille and integral backcan	JBL Pro	Control 226C/T	4		
High-powered ceiling loudspeaker with grille and backbox	EAW	L8CX2XO-MT	4		
70V audio amplifier	QSC Audio	CX302V	1		
Four channel audio amplifier	QSC Audio	CX254	1		
Audio DSP	Biamp	AudiaFlex CM	1		
Audio DSP input card (two channel line)	Biamp	IP2	6		
Audio DSP output card (two channel line)	Biamp	OP2	3		
Wireless microphone, lapel	Shure	ULXS14/93	1		
Wireless microphone, handheld	Shure	ULXS24/BETA87A	1		
Ambient microphone	Crown	PZM-11	2		
Balancing interface	RDL	STA-1	2		
				Sub-Total:	
Video		1367004 SP90 141			
Video projector and lens (lecture room)	NEC	NP-4000	1		
Video projector and lens (seminar room)	NEC	NP-2000	1		
Video projector mounting hardware	Chief Manufacturing	As required	2		
RGBHV switch (8x4)	Extron	Crosspoint 300 84 HVA	1		
DVD player	Denon-Marantz Pro	DN-V200	2		
Windows PC	Per Owner	Per Owner	1	Owner:	Furnished
Rackmount for windows PC	Middle Atlantic	As required	1		
Wireless keyboard/mouse	Logitech	As required	1		
Laptop connection interface	Extron	RGB-460xi	3		
CATV set top box	Per Owner	Per Owner	1	Owner:	Furnished
				Sub-Total:	
Video capture camera and supporting electronics					
Pan/tilt SD video camera, with mount	Sony	BRC-300	1		
Local optical extension card	Sony	BRBK-303	1		
Wallmount for remote pan/tilt camera	Sony	As required	1		
	0. 101 0. 101	- Cit-			
			j) (ij	Sub-Total:	
Control					
Control system mainframe	Crestron	AV2	1		
Wired control panel	Crestron	CT-1550	2		
Control system programming	Crestron	Per quotation	1		
				Sub-Total:	
Portable Equipment			0.00		
Gooseneck lectern microphone	Audio Technica	AT808G	2		
Microphone stand with boom	K&M Stands	As required	1		
Microphone cable, 25'	ProCo Sound	As required	2		
MINISTER - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1	romeser-someonikitik (i) Si				
				Sub-Total:	
Miscellaneous	4		0. 0.0		
Front video projection screen, motorized, 116"W x 65" H, for lecture room	Dalite Screens	Per quotation	1		
Front video projection screen, motorized, 80"W x 45" H, for attached seminar	Dalite Screens	Per quotation	1		

200 Hudson Street Currently Installed EquipmentItems highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Equipment rack	Middle Atlantic	ERK-4425	1		
Surge suppressor	SurgEx	SX-2120	1		
Miscellaneous cable assemblies and accessories	Per AV Contractor	Per AV Contractor	1		
				Sub-Total:	
				Total:	
ADD / ALTERNATES					
List Add/Alternates here					

**200 Hudson Street Currently Installed Equipment-**Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Date: 8-3-07 TITLE: Music Club and Greenrooms	- P		19		
TITLE: Music Citto and Greenfooms	6				
Description	Manufacturer	Model	Qty	Item Cost	Total Cos
Audio	S	V			
Active loudspeaker type 1	Meyer Sound	CQ-1	2		
Active subwoofer	EAW	LA128z	1		
Audio amplifier type 1	QSC Audio	CX-702	1		
Rigging hardware for active loudspeaker type 1	Per contractor	As required	2		
Active loudspeaker type 2	Meyer Sound	UPA-1P	2		
Stage monitor loudspeaker, active	Mackie	SRM-450	6		
High-powered ceiling loudspeaker with grille and backbox	EAW	L8CX2XO-MT	5		
Audio amplifier type 2	QSC Audio	CX-602V	1		
Audio DSP chassis (with CobraNet)	Biamp	AudiaFlex CM	1		
Audio DSP input card (two channel mic/line)	Biamp	IP2	4		
Audio DSP output card (two channel line)	Biamp	OP2	5		
Audio DSP programming	Per contractor	Per contractor	1		
Digital mixing console, 32 channel	Yamaha	LS9-32	1		
Ambient microphone	Audix	SCX-One	2		
CD player	Denon-Marantz Pro	DN-C615	2		
Balancing adapter	RDL	STA-1	1		
4.7777					
	* *		-	Sub-Total:	
Video					
Video projector and lens	NEC	NP-4000	1		
Video projector mounting hardware	Chief Manufacturing	As required	2		
CCTV camera	Pelco	ICS-151	1		
DVD recorder	Panasonic	DMR-EH75V	1	×	
Rackmount kit for DVD recorder	Middle Atlantic	As required	1		
Laptop connection interface	Extron	RGB-460xi	2	1	
CATV set top box	Per Owner	Per Owner	1	Owner F	umichad
42" flatscreen display with loudspeakers	Sharp	Aquos LC-42BT10U	1	Owner	umsnea
Wallmount for flatscreen	Chief Manufacturing	W. C. W. C.	1		
1x2 component video DA	775	As required ADA 2/GLI 350 HV	1		
1x2 component video DA	Extron	ADA 2/GLI 330 HV	1	-	
	-		-		
			0 19	Sub-Total:	
Control					
High voltage power control relay	Lowell	RPC-1	1		
Custom engraved button panel	Per contractor	Per contractor	2	-	
Audio DSP voltage controller	Audia	Voltage control box	2		
Rack-mounted projector control panel	Extron	MLC-52RS	1		
	S .				
			-		
				Sub-Total:	
Video capture camera and supporting electronics					
Pan/tilt SD video camera, with mount	Sony	BRC-300	1		
Local optical extension card	Sony	BRBK-303	1		
Wallmount for remote pan/tilt camera	Sony	As required	1		
			S 84	Sub-Total:	
Stage Equipment					
Vocal microphone, dynamic	Shure	SM-58	8		
Instrument microphone, dynamic type 1 with clamps	Audix	D-2	4		
Instrument microphone, dynamic type 2	Shure	SM-57	4		

Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Microphone, condenser type 1	Shure	SM-81	4		
Microphone, condenser type 2	Audix	SCX-One	2		
DI box, active	Countryman	FET-85	8		
Microphone cable, 25'	ProCo Sound	As required	32		
Microphone stand with boom	K&M Stands	As required	24		
Stage subsnake, 32 x 8	Whirlwind	As required	1		
				Sub-Total:	
Miscellaneous					
Front video projection screen, motorized, 160"W x 90" H	Dalite	Per quotation	1		
2x24 audio patch bay	Audio Accessories	WQP-01-E-H4-24-N-1	1		
Sound booth equipment rack	Middle Atlantic	AXS-18	1		
Bar equipment rack	Middle Atlantic	BRK-12	1		
Stage connection panel	Custom	By AV contractor	1		
Surge suppressor	SurgEx	SX-2120	1		
Miscellaneous cable assemblies and accessories	Per AV Contractor	Per AV Contractor	1		
				Sub-Total:	
				Total:	
				201111	
ADD / ALTERNATES					
List Add/Alternates here					
List Add/Alternates here		<u> </u>	+ +		

Items highlighted in yellow have not been purchased or installed, as they will be replaced by equipment in this A/V design proposal

Date: 8-3-07					
TITLE: Master Control					
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio	Nianutactur er	Model	QU	Item Cost	Total Cost
Rack-mount audio monitor panel	Wohler	AMP1A-4S	2		
Audio DSP chassis (with CobraNet)	Biamp	AudiaFlex CM	1		
Audio DSP output card (two channel line)	Biamp	OP2	3		
Audio DSP programming	Per contractor	Per contractor	1		
				Sub-Total:	
Video					
Local optical extension card chassis (for remote cameras)	Sony	BRU-300	3		
Optical extension card (for remote cameras)	Sony	BRBK-303	3		
Triple LCD monitor	TV One	LM-563R	1		
DVD recorder	Panasonic	DMR-EH75V	3		
Rackmount kit for DVD recorder	Middle Atlantic	As required	3		
				Sub-Total:	
Control					
Camera control joystick	Sony	RM-BR300	1		
Audio DSP volume controller	Biamp	Volume 8	1		
Four port ethernet switch	As required	As required	1		
				Sub-Total:	
Miscellaneous					
Equipment rack	Middle Atlantic	ERK-4425	1		
Rack-mount worksurface (for camera joystick controller)	Middle Atlantic	MD-KB	1		
Surge suppressor	SurgEx	SX-2120	1		
Miscellaneous cable assemblies and accessories	Per AV Contractor	Per AV Contractor	1		
				Sub-Total:	
				Total:	
ADD / ALTERNATES					
List Add/Alternates here					

NOTE: This entire page, Master Control, has not been purchased or installed. Again, all highlighted equipment was value-engineered in order to be replaced by equipment in A/V design.

### 92YTribeca Proposed Equipment Discussion Summary

- Sound and video systems as currently installed in the 92YTribeca facility allow for high quality live music, film, and multimedia presentations.
- An audiovisual technology infrastructure has also been included to ensure the facility can accommodate an integrated A/V system to meet the needs of the 92nd Street Y's media initiatives.
- Proposed Equipment includes but is not limited to:
  - Nine high-definition remote pan/tilt cameras distributed amongst the Café, Lecture Room, Music Club, Screening Room, and Seminar Room for high-quality capture of live events anywhere in the facility.
  - O A dedicated audio/video master control room in the basement outfitted in a fashion similar to a small TV production facility. The room is outfitted to enable video capture of up to 2 concurrent events, with the capacity to simultaneously produce a third event for live broadcast. Space is allocated for up to five video technicians performing remote camera control, live switching, and related production tasks. This room should include the equipment needed to digitize DV tape to hard-drive files.
  - O A dedicated **audio production room** capable of multi-track digital audio recording of both Y-hosted events and 3<sup>rd</sup> party rentals. (The Music Club and audio production room have been designed with acoustical isolation parameters to accommodate good quality live music recording and production.)
  - O Live video broadcast via satellite, web streaming, and interconnection to the existing 92nd Street Y facility. Currently we broadcast out of our main facility through fiber (TV1) lines that connect us to a media hub (The Switch). We are considering leasing additional fiber lines for interconnectivity between the two locations and through the hub.
  - Extension and possible relocation of the existing 92nd Street Y audio/video **archival system**, with new hard disk based storage systems and editing systems.
- The system will be designed, purchased and installed in time for 92YTribeca public opening in September 2008.

PROPOSED 92Y TRIBECA Aud	dio/Video Equipment List (DRAFT)
	ALL EQUIPMENT COMPONENTS AND BUDGET NUMBERS SUBJECT TO FINAL DESIGN
CAMERAS	Notes
HD Cameras	
Camera Accessories, tripods, etc	
MASTER CONTROL ROOM	
Video Switcher & Accessories	
Video Monitoring Equipment	
HD Video editing equipment	
Remote Camera Control System	1 unit controls all cameras
Intercom between Control Room and Performance Spaces	
Webcasting Encoder	
AUDIO PRODUCTION ROOM	
Audio monitoring & mixing equipment	
Audio Recording & Editing station	
LIVE VIDEO BROADCAST	Connectivity is mainly operating costs and will need to be addressed in operating budget
ARCHIVAL SYSTEM (Storage)	SAN unit storage for Audio/Video files
DESIGN	Design fee for fully integrated system
INSTALLATION (Installation/Configuration/Warranties)	Large installation cost includes wiring for all equipment in budget
OTHER	
2 video projectors & ancillary equipment (1 Lecture Hall, 1 portable)	
LCD Marquee and Kiosks for front of building  DigiBeta Machine	
Digideta iviaciille	