

Attachment 1

List of Archival Formats

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

Audio Formats

¼" Open Reel

½" Open Reel

Audiocassette

DBX on VHS Cassette

PCM on VHS Cassette

Mini-disc

DAT

DVD-RAM

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

Video Formats

Beta SP

DV

open reel

U-matic

VHS

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: 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	QSC 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	85V1000-001	1		Owner Furnished
Rack-mount PC monitor/keyboard/mouse	Blackbox	KVT201A-R2	1		Owner Furnished
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 Furnished
Windows PC	Per Owner	Per Owner	1		Owner Furnished
Rackmount for windows PC	Middle Atlantic	As required	6		
CATV set top box	Per Owner	Per Owner	1		Owner Furnished
UTP transmitter	Extron	MTP T 15HDA	1		
UTP receiver	Extron	MTP RL 15HDA	1		
Video monitor	Marshall Electronics	V-LCD4-PRO-L	1		
				Sub-Total:	
Portable Equipment					
Active loudspeaker for tripod mounting (Meyer UPA-1P)	Per Owner	Per Owner	2		Owner Furnished
Loudspeaker ceiling mount	Custom	By AV contractor	2		
Portable audio mixing console, 12 channel	Mackie	DFX-12	1		
Dynamic microphone	Per Owner	Per Owner	4		Owner Furnished
Microphone stand with boom	Per Owner	Per Owner	4		Owner Furnished
Microphone cables, various lengths	Per Owner	Per Owner	8		Owner Furnished
				Sub-Total:	
Control					
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-

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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					

200 Hudson Street Currently Installed Equipment-

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Date: 8-3-07					
TITLE: Screening Room					
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio					
Film surround processor	Per Owner	Per Owner	1	Owner Furnished	
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 Furnished	
Mounting bracket for surround loudspeaker	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	MX-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 Furnished	
Film splicing table and related handling equipment	Per Owner	Per Owner	1	Owner Furnished	
35mm projector installation and commissioning service	Cinema Technology 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 Furnished	
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 Furnished	
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 Furnished	
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	1		
Local optical extension card	Sony	BRBK-303	1		
Wallmount for remote pan/tilt camera	Sony	As required	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		
Control system programming	Crestron	Per quotation	1		
Four port ethernet switch	As required	As required	1		

200 Hudson Street Currently Installed Equipment-

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				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		
				Sub-Total:	
				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					

200 Hudson Street Currently Installed Equipment-

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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:
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: Master Control					
Description	Manufacturer	Model	Qty	Item Cost	Total Cost
Audio					
Rack-mount audio monitor panel	Wohler	AMP1A-4S	2		
Audio DSP chassis (with CobraNet)	Biamp	AudioFlex 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.

92Y Tribeca Proposed Equipment Discussion Summary

- Sound and video systems as currently installed in the 92Y Tribeca 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.
 - 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.
 - A dedicated **audio production room** capable of multi-track digital audio recording of both Y-hosted events and 3rd 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.)
 - **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 92Y Tribeca public opening in September 2008.

PROPOSED 92Y TRIBECA Audio/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	

