



CANADIAN MUSEUM FOR
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Request for Proposal

Audio Visual System Operations and Maintenance Services

Solicitation No:	CMHR 2014-71
Solicitation Date:	May 29, 2014
Question Deadline Date:	June 6, 2014 at 2:00 PM CDT
Closing Date/Time:	June 18, 2014 at 2:00 PM CDT
Estimated Award Date:	July 2014

Addendum 1 June 2, 2014

Revised Appendix H attached

APPENDIX H – AVS Equipment to be Covered by the Services (Revised)

Accell	17
J129B-003B - HDMI to VGA adapter	17
Acoustic Enhancements	65
ASP-CUST1 - Custom Activated Sound drivers attached internally to the side walls of the Table	24
ASP-CUST2 - In Wall "Invisible" Speaker	18
ASP-CUST3 - Field installed Stereo Activated Sound Panel behind acoustically transparent material.	1
ASP-SW1 - Stereo activated Sound Panel (36" x 48")	8
ASP-W1 - Stereo activated Sound Panel (21" x 32")	9
ASP-W2 - Activated Sound Panel - 36"x48"	5
Adtec	5
SignEdge - Video Server	1
SignEdge - Video Server	4
Apple	122
iPad 4 - 10" tablet	6
Mac Mini - Mac Mini w/ 2 x 1TB Serial ATA HDD, 8GB RAM	2
Mac Mini - Playback PC	34
Mac Mini - Small Form Factor PC	31
Mac Mini Server - Mac Mini w/ 2 x 1TB Serial ATA HDD, 8GB RAM	4
Mac Pro Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radcon HD 5770 1GB 1 Output	9
Mac Pro Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radeon HD 5770 1GB - 2 Outputs	6
Mac Pro Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radeon HD 5770 1GB - 3 Output	1
Mac Pro Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radeon HD 5770 1GB - 3 Outputs	1
Mac Pro Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radeon HD 5770 1GB - 4 Output	1
Mac Tower - Mac Pro Tower w/ 2 x 1TB HDD, ATI Radeon HD 5770 1GB - 2 Outputs	1
MBS71Z/A - Mini Display port to DVI adapters	23
MBS71Z/B - Mini Display port to DVI adapters	3
Asus	5
Xtion PRO LIVE - Game motion tracker	5
Atlona	64
AT-HDRX-RSNET - HDMI/Serial Signal Extender over CAT5/6/7 Receiver	32
AT-HDTX-RSNET - HDMI/Serial Signal Extender over CAT5/6/7 Transmitter	32
Bag End	5
IPS10E-SHV3 - 10" Powered Subwoofer with Integrated Infra Processor	2
IPS12E-I - InfraSub Loudspeaker Powered with Integrated Infra Processor	3
Barco	64
CNWU-61B - 6000 lm, 1 chip DLP projector (WUXGA 1920 x 1200)	22
CNWU-61B - 6000 lm, 1 Chip DLP Projector (WUXGA 1920 x 1200) - under review	1
EN11 - 1.60:1 to 2.32:1 lens	4
EN13 - 1.24 - 1.6:1 lens	1
EN13 - 1.24 - 1.60:1 lens	2
EN13 - 1.24 to 1.6:1 lens	1

EN13 - 1.24:1 to 1.60:1 lens	4
EN13 - 1.24-1.6:1 lens	7
EN14 - 2.37 - 3.79 :1 Lens	1
EN16 - 3.80:1 to 6.50:1 lens	2
EN46 - 0.75:1 to 1.13:1 lens	1
HDX-W14 - 14,000 lumens, WUXGA DLP projector	2
HDX-W20 - 20,000 lumens, WUXGA, 3-chip DLP projector (1920 x 1200)	3
RLDW 0.77:1 - 0.77:1 fixed lens	4
RLM-W8 - 8,000 Lumen, WUXGA, 3 Chip Projector	4
TDL 1.2:1 - Lens 1.2:1	2
TLD 0.73:1 - 0.73:1 fixed lens	3
Behringer	62
Uphoria - USB to analog audio	61
Uphoria - USB to analog audio (is experience audio free?)	1
Beyer Dynamic	1
M59 - Hypercardiod Dynamic Microphone	1
BiAmp	249
AUDIA EXPI - CobraNet to 8 analog line inputs, 1RU	2
Audia EXPI - DSP Cobranet 8 input	2
Audia EXPI/O-2 - DSP Cobranet I/O - 2 in, 2 out - with power supply	59
Audia EXPI/O-2 - DSP Cobranet I/O - 2 in, 2 out - with power supply - Sound Masking	6
AUDIA EXPO - CobraNet to 8 analog line outputs, 1RU	4
AUDIAFLEX-CM - DSP Chassis	15
EXPI-4 - DSP CobraNet 4 input	3
IP-2 - Input Card	3
IP-2 - 2 Channel Input Card	14
IP-2 - Input cards	5
OP-2e - 2 Channel Output Card	69
OP-2e - 2 Channel Output Card	7
OP-2e - 2-Channel output card	29
OP-2e - Output card, 2-channel	31
Brainstorm	2
SR-28 - LTC Distribution Amplifier	2
Brightsign	4
XD230 - Digital Signage Player w/ WiFi	4
Brown Innovations	53
MF-CT-24 - 24"x24" Focused Array Loudspeaker suspended from ceiling.	12
Sonic Beam 40 / MA - 40" Powered Mini Line Array Speaker	2
Sonic Beam 40/ MA - 40" Powered Mini Line Array Speaker	2
SonicBeam 24/ MA - 24" Powered Mini Array Speaker	2
SonicBeam 24/MA - 24" Powered Mini Array Speaker	19
SonicBeam 30/MA - 30" Powered Mini Array Speaker	14
SonicBeam 40 / MA - 40" Powered Mini Line Array Speaker	2

BSI	2
PMS5120N - 10.4" Panel PC for Language and ADA Select	1
PMS5120N - 10.4" Panel PC for museum control	1
Chief	52
FSRV - Mount	3
LSAU - Wall Mount	3
MTMPU - Mount	9
RPA091 - Ceiling Mount	13
RPA091 - Ceiling Mount (Barco)	1
RPA091 - Mount	2
RPAA1 - Ceiling Mount	1
RPMA1 - Ceiling Mount	4
RPMA1 - Ceiling Mount (Viewsonic)	1
VCM100B - Projector Mount	2
VCM35B - Ceiling Mount	7
VCMU - Ceiling Mount	4
XSMU - Wall mount	2
Cisco	1
3750 - Ethernet switch	1
Custom	140
Custom - Mirror mounting frame	1
Custom - UKP Type A (USB and audio)	9
Custom - UKP Type B (audio only)	22
Custom - UKP Type A	1
Custom - UKP Type A (USB and audio)	39
Custom - UKP Type B (audio only)	32
Custom - UKP Type B (audio)	26
TBD - Speaker Bracket	10
Dataton	4
3150 - WATCHOUT v5.5.1 License	1
Watchout V5 - Watchout Software Key	3
ELO	68
3243L - 32" Touch display with IntelliTouch USB interface	1
3243L - 32" Touch Monitor	3
4201L / E561836 - 42" Touch Monitor	6
E005277 - Power supply, 12V, 4.16A, 50W	27
E178661 - 2400LM - 24" Touch Screen Monitor (1920x1200) w/Serial Interface	4
E220828 - 2740L - 27" Touch screen monitor, USB, Intellitouch Plus	27
EloTouch	34
1247L / E655204 - 12" Touchscreen	2
1537L / E512043 - Touchscreen, 15", open frame	15
E005277 - Power supply, 12V, 50W	17

Enttec	1
DMX USB PRO - USB to DMX Interface	1
Extron	12
DTP HDMI 230 D TX - HDMI video of CAT6 Transmitter - Presentation Input Panel	6
DTP HDMI 230 RX - HDMI video of CAT6 Receiver	6
Gefen	3
GTV-AUDDEC - Digital Audio Decoder for HDMI	3
Icron	9
Ranger 2201 - USB Extender	5
RG2201 - USB Dual Port Cat 5e 100 meter extender	4
Innovox	50
SHA-15.4.4 - Display/bench speaker - 15"Wx4"Hx4"D	3
SHA-15.4.4 - Display/bench speaker - 15"Wx4"Hx4"D -need ability to set tilt angle with gimble bracket attachment.	20
SHA-15.4.4 - Linear Speaker - 15"Wx4"Hx4"D	8
SHA-15.4.4 - Low profile ceiling speaker - 15"Wx4"Hx4"D -need ability to set tilt angle with gimble bracket.	16
SHA-15.4.4 - Monitor speaker - 15"Wx4"Hx4"D -need ability to set tilt angle with custom floor bracket	3
James	10
650PTM - Subwoofer, pipe	8
QX1020 - Dual 10" In Wall Subwoofer	2
JoeCo	2
BBP1-B - 24 Track Audio Player with Time Code Follow and Balanced in/out	2
Lite Panel	7
900-3017 - 1x1 Honeycomb Grid - 30 Degree	2
900-3021 - 1x1 4-Way Barndoors	2
903-0006 - DMX Adaptor Cable	1
903-2076 - 1'x1' LED Light Panel Bi-Focus	2
Logitech	2
C920 (USB) - HD Web Camera	2
Microsoft	4
Kinect 360 (original) - Game motion tracker	4
MoTu	2
24I/O - Computer Recording System PCI	1
MAPCIE424 - PCIe-424 Card - Card for PCI Express Core System	1
MTS	34
BB-200 - Microwave Proximity Sensor	28
BB-200 - Motion Sensor	6
Multitouch	13
MT553UTB - 55" Touchscreen with Ultrathin Bezel	12
MTPCLA12 - Multitouch Application PC for 12 Displays	1
NEC	9
AS241W-BK - 24" Monitor, 1920x1080	5

LCD-175M-BK - 17" Monitor	4
On Stage Stands	1
MSA9030-13C - Gooseneck mount - 13"	1
Panasonic	8
ET-D75LE10 - 1.4 - 1.8:1 lens	1
ET-D75LE6 - 1.0 - 1.2:1 lens	3
PTDS20KU - 20,000 lumen 1400 x 1050 video projector	4
Peerless	2
SF632 - Mount	1
SF632P - Mount	1
QSC	28
CX-168 - 8 channel amplifier, 90W/ch.	4
CX-168 - 8 Channel Power Amplifier - 90W/Channel	1
CX168 - 8 channel, 90W/ch amplifier	1
CX-168 - 8 channel, 90W/ch amplifier	4.5
CX-168 - 8-channel amplifier, 90W/ch	6
CX-168 - 8-channel amplifier, 90W/channel	10
CX-168 - Amplifier, 8-channel	1.5
RDL	9
STD-10k - Audio combiner	9
Renkus Heinz	31
CFX81 - 2-Way 8" Speaker: 120 x 60 Deg	7
CFX81 - Main Speakers, non-powered	4
IC215S-FR - Dual 15" Powered Subwoofers	2
IC7 - Powered Line Array Speaker	4
ICL-FR DUAL - Active, Steerable Line Array Speaker	2
ICX7 - Compact Line Array Speaker, Non-Powered	2
PNX112 - 12" non-powered subwoofer	2
TBD - Mounting Hardware	2
TBD - Wall Mounting Bcket	4
TRX82/12 - Main Speakers, non-powered	2
Samsung	23
MD65C - 65" LCD Display 1920 x 1080	3
ME32C - 32" display	1
ME32C - 32" LCD monitor (Digital Signage)	4
ME46C - 46" LCD Display	2
ME55C - 55" display	1
ME55C - 55" LCD Display	8
ME75C - 75" LCD Display	2
UD46C - Ultra- Thin Mullion 46" LCD Display	2
Showsage	5
Model 6444 - Quad Output Server - Extreme	5

Sonus	3
HP4 - Headphone amplifier with 4 outputs	3
Soundtube	1
SA502 - Class D Power Amplifier - 50 Watts @ 8 Ohm per Channel	1
Storm	3
1200-00200[x] - USB Cable kit	1
2210 - Vandal Resistant Keyboard	1
2210-MK000[x] - Under Panel Fixing Kit (place holder)	1
SuperLooper	1
Gigabit Crossover Adapter - Patch cable to Crossover converter	1
Synnaccess	1
NP-16A30S or NPB-20A30 - PDU for automatically turning on/off equipment	1
Tangband	15
W3-881SJF - Small F/X speakers embedded in table with grille cover	15
Tannoy	37
Di5DC - 4.5" All Weather Wall Mount speaker (Black)	2
Di5DC - Di5 - 5" speaker (Black), non-powered	6
Di5DC - Di5 - 5" speaker (White), non-powered	6
Di5DC - Di5 - 5" non-powered speaker (Black)	9
Di5DC - On wall loudspeaker (Black)	2
Di6DC - 6" non-powered speaker (Black)	8
Di6DC - Speaker - suspended overhead (White)	4
TBD	9
Motion Sensor - Motion Sensor - TBD. May be Kinect	1
TBD - camera for monitoring	4
TBD - Wireless microphone and receiver	4
Unibrain	1
CAT5 Repeater-400 - Firewire Repeater / Extender (TBD - depends on Motion Sensor spec)	1
Viewsonic	6
PJD8633WS - 3000 lm ultra short throw projector, 1280 x 800	5
PJD8633WS - 3000 lm, Ultra short throw DLP projector, 1280 x 800	1