



361A Old Finch Ave.  
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**Chair**  
Joe Torzsok

**Chief Executive Officer**  
John Tracogna

**Chief Operating Officer**  
Robin D. Hale

2018-11-14

**REQUEST FOR QUOTATION  
SUPPLY & INSTALL AUDIO VISUAL EQUIPMENT – VARIOUS LOCATIONS  
RFQ 20 (2018-11)**

The Toronto Zoo invites you to submit a quotation to provide labour, tools, materials and equipment to complete the supply, delivery, and installation and of audio visual equipment and accessories in the New Wildlife Health Centre – Conference Room, the Education Portable (two classrooms), and the Conservation Clubhouse (tent), as well as upgrading of existing equipment and accessories in the Main Boardroom and Training room. Complete all related work including programming, networking, testing, start-up, training and commissioning. All work is to be completed in accordance with the drawings and specifications in the Request for Quotation (RFQ).

The work shall commence as soon as possible once the project is awarded and a Purchase Order has been issued. All work is to be completed by **Thursday, 2019-01-31**.

The Quotation package includes Instructions, Terms & Conditions, Requirements, Drawings, and Forms. Quoted prices shall remain in effect for a period of ninety (90) days from the Quotation due date.

**Site Meeting:** A site meeting will be held on **Monday, 2018-11-19 at 1000 hours (10:00am)**, meeting at the Toronto Zoo, Administrative-Support Centre, 361A Old Finch Ave., Toronto, Ontario.

**Due Date:** Your quotation must be completed, and received by the Supervisor, Purchasing & Supply, Toronto Zoo, Administrative-Support Centre, 361A Old Finch Ave., Toronto, Ontario, M1B 5K7 by:

**Friday, 2018-11-30, 1200 hours (Noon, local time)**

The Board of Management of the Toronto Zoo reserves the right to reject any or all quotes or to accept any quote, should it deem such an action to be in its interests.

If you have any queries regarding this request for quote, please contact Peter Vasilopoulos, Supervisor of Purchasing & Supply, (416) 392-5916. If you have any technical queries regarding this request for quote, please contact Michael Squires, Manager Computer & Telecom Services, (416) 392-3926.

Yours truly,

Paul K. Whittam  
Manager, Financial Services

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**1.0 INSTRUCTIONS**

- 1.1** Ensure that you have received all **twenty-four (24)** pages and **two (2)** drawings of the RFQ package.
- 1.2** A site meeting will be held on **Monday, 2018-11-19 at 1000 hours (10:00am)** meeting at the Toronto Zoo, Administrative-Support Centre, 361A Old Finch Ave., Scarborough, Ontario.
- 1.3** Complete ALL FORMS in section 4.0 and return by due date and time received on or before **Friday, 2018-11-30 at 1200 hours (Noon)** or your Quotation will not be considered. Include signed copies of any addenda with your proposal package.
- 1.4** Quotations must not be submitted by facsimile, email or any other electronic format.
- 1.5** Show itemized cost of HST if applicable.
- 1.6** All Prices submitted shall be quoted in Canadian currency.
- 1.7** Toronto Zoo reserves the right to award in whole or in part on the basis of the bids received, Lump Sum Price or Breakdown Price.
- 1.8** Use the attached submission label, when you submit your response in a sealed envelope or package and deliver to the Toronto Zoo.
- 1.9** Quotation prices shall remain in effect for a period of ninety (90) days from the Quotation due date.
- 1.10** Include product information, samples, and pictures, as necessary.
- 1.11** Provide references of at least three (3) clients for whom your company has performed similar work. References must client company name, contact name, address and e-mail address.
- 1.12** If applicable, suggested alternative products are acceptable, however all such products must be quoted separately and should not replace the Toronto Zoo requested product, work or service.
- 1.13** It is the responsibility of the Bidder to understand all aspects of the RFQ and to obtain clarification if necessary before submitting their quotation.
- 1.14** For any questions concerning the contract terms and conditions of this RFQ, please contact:

Peter Vasilopoulos, Supervisor,  
Purchasing & Supply, Tel: 416-392-5916, Fax: 416-392-6711,  
E-mail: [pvasilopoulos@torontozoo.ca](mailto:pvasilopoulos@torontozoo.ca)

## 2.0 TERMS AND CONDITIONS

- 2.1 Definitions:** Wherever used in the Request for Quotation the word “**Board**” means the Board of Management of the Toronto Zoo and the word “**Vendor**” or “**Contractor**” means the person or persons or Corporation to whom the purchase order is issued.
- 2.2 Vendor Assurance:** Unless otherwise stated, the goods, material, articles, equipment, work or services, specified or called for in or under this Quotation, shall be delivered or completely performed, as the case may be, by the Vendor as soon as possible and in any event within the period set out herein as the guaranteed period of delivery or completion.
- 2.3 Country of Origin:** Wherever possible, the goods, services, materials, articles or equipment, specified or called for in or under this Quotation, shall be of Canadian origin and manufacture.
- 2.4 Delivery:** The prices stated in this Quotation cover the services, material, articles or equipment referred to herein, being delivered F.O.B. destination, freight, express, duty and all other charges prepaid, unless otherwise indicated herein. A detailed delivery ticket or piece tally, showing the exact quantity of goods, material, articles or equipment shall accompany each delivery. A receiver’s receipt shall not bind the Board to accept the goods, material, articles or equipment covered thereby, or the particulars of the delivery ticket or piece tally therefore. The Vendor shall not be entitled to any interest upon any bill due to delay in its approval by the CEO of the Toronto Zoo or his designate.
- 2.5 Invoicing:** Unless otherwise indicated herein, the prices stated are payable in Canadian Funds at the head office of the Board. Any Harmonized Sales Tax (HST) applicable shall be shown as a separate item. The Vendor’s HST/Business registration number must be indicated on the invoice.

The Vendor shall clearly show any special charges such as packaging and freight, where applicable, as separate items on the invoice.

Payments to non-resident Vendors may be subject to withholding taxes under the Income Tax Act (Canada). Unless a non-resident Vendor provides the Board with a letter from Revenue Canada, Taxation waiving the withholding requirements, the Board will withhold the taxes it determines are required under the Income Tax Act (Canada).

- 2.6 Notice of Delivery:** The Vendor shall notify the Purchasing Agent of the Board at the address given for the mailing of invoices, in writing as soon as possible of the details of the shipment of the goods, materials, articles or equipment.
- 2.7 Right to Cancel:** The Board shall have the right to cancel at any time this Quotation or any contract or any part of any contract resulting from this Quotation in respect of the goods, material, articles, equipment, work or services set out in this Quotation or any such contract or part of such contract, not delivered or performed at the time of such cancellation, and the Board will not be responsible to make any payments in respect of any such goods, materials, articles, equipment, work or services and shall not incur any liability whatsoever in respect thereto.

In the event that the Vendor fails or neglects by any act or omission to comply with any of the conditions set out herein, this Quotation or any contract resulting from this Quotation may be unconditionally cancelled by the Board without notice to the Vendor.

- 2.8 Official Agreement:** No verbal arrangement or agreement, relating to the goods, material, articles, equipment, work or services, specified or called for under this Quotation, will be considered binding,

and every notice advice or other communication pertaining thereto, must be in writing and signed by a duly authorized person.

**2.9 Worker's Rights:** The Vendor shall comply with the conditions of the Board relating to Worker's Rights, a copy of which is available on application to the Manager, Fair Wage and Labour Trades Office, City of Toronto, 18<sup>th</sup> Floor, West Tower, City Hall, Toronto, Ontario, M5H 2N2 or by phone at 416-392-7300.

**2.10 Insurance:** The Contractor shall, at his/her own expense obtain and, until the work is fully complete maintain, broad-scope insurance coverages, hereof, satisfactory to the Chief Executive Officer as to form and substance, with the indicated policy form of the Canadian Construction Documents Committee (CCDC), its equivalent or better subject to such modifications therein to cover unusual aspects of the work, working conditions or other circumstances as may be specified elsewhere in the Contract.

2.10.1 The Contractor shall effect, maintain and keep in force, at its sole cost and expense and satisfactory to the Chief Executive Officer as to form and substance the insurance described below:

2.10.2 All risks property insurance on property of every description and kind owned by the contractor or for which the Contractor is responsible while on the premises of the Board in an amount not less than full replacement value. The policy shall be endorsed to provide a waiver of subrogation against the Board for any loss or damage to insured property, however caused.

2.10.3 Commercial general liability insurance, including owners' and contractors' protective, products, completed operations, personal injury, employer's liability, contractual liability, occurrence basis property damage, liability arising from the sale of serving of alcoholic beverages and provisions for cross liability and severability of interests with a limit of not less than Two Million Dollars (\$2,000,000.00) per occurrence. The policy shall be endorsed to name the Board as an additional insured with respect to the operations of the Contractor under this agreement.

2.10.4 Standard automobile liability insurance for all owned vehicles with limits of not less than Two Million Dollars (\$2,000,000.00) per occurrence.

2.10.4.1 All policies of insurance required to be taken out by the Contractor shall be placed with insurers licensed to conduct business in the Province of Ontario and shall be subject to the approval of the Chief Executive Officer, acting reasonably.

2.10.4.2 The Contractor shall deliver to the Board evidence of the insurance required prior to the commencement of the agreement, in form and detail satisfactory to the Chief Executive Officer acting reasonably.

2.10.4.3 The provisions of this section 2.11 shall no way limit the requirements and obligations imposed on the Contractor elsewhere in the Contract, nor relieve the Contractor from compliance therewith and fulfillment thereof.

2.10.4.4 The parties agree that insurance policies may be subject to deductible amounts, which deductible amounts shall be borne by the Contractor.

2.10.4.5 The provisions of this article shall in no way limit the requirements and obligations imposed on the Contractor elsewhere in the Contract, nor relieve the Contractor from compliance therewith and fulfillment thereof.

- 2.11 Indemnity:** The Vendor shall at all times well and truly save, defend, keep harmless and fully indemnify the Board, the City of Toronto, Toronto Region and Conservation Authority and their servants, employees, officers or agents, hereinafter called the “Indemnities”, from and against all actions, suits, claims, demands, losses, costs, charges, damages, and expenses, brought or made against or incurred by the Indemnities, its or their servants, officers, employees, agents or invitees in any way relating, directly or indirectly, to goods, material, articles or equipment supplied or to be supplied, or to the supplying of goods or services, pursuant to this Quotation, or any other claim, action, suit, demand, loss, cost, charge, damage or expense relating to copyright, trademark or patent with regard directly or indirectly with any such goods, services, material, articles or equipment or the supply or performance thereof.
- 2.12 Liability for Acts of Vendor Employees, Contractors or Agents:** The Vendor acknowledges responsibility and accepts liability for the acts of any of its employees, contractors and agents while on Toronto Zoo property. The Toronto Zoo reserves the right to request background checks for any individual providing the services requested on behalf of the Vendor.
- 2.13 Guaranty of Quotation:** All goods, material, articles, equipment, work or services, specified or called for in or under this Quotation, shall be supplied or performed at the price or process and on the basis set forth or referred to in and in accordance with the Offer and this Quotation. The basis on which this Quotation is given shall include any specifications, plans, price schedules, samples, addenda or other details pertaining thereto, or provided in connection therewith.
- 2.14 Right of Notice:** Any notice that the Board may be required or desire to give to the Vendor shall for all purposes to be deemed to have been sufficiently and properly given and afforded by registered mail addressed to the Vendor at the address shown for the Vendor on this form and shall therefore be presumed to have been received by the Vendor on the third day following such registration.
- 2.15 Formal Contract:** The Vendor may be required and shall, if requested by the solicitor for the Board so to do, to execute and enter into a formal contract that is satisfactory to the solicitor for the Board, in order to document the contract resulting from this Quotation and to embody indemnity and related provisions that in the opinion of such solicitor are required to protect the Board.
- 2.16 Charity Status:** The Toronto Zoo is a registered charitable organization (registration #BN 119216398RR0001) and accordingly may be eligible for preferred pricing which should be reflected in the Quotation as submitted.
- 2.17 Performance Evaluation:** The Contractor’s performance will be evaluated by the Chief Executive Officer and/or Chief Executive Officer’s Representative during the Contract and at the end of the Contract. In the event that the Contractor’s performance is considered unsatisfactory by the Chief Executive Officer and/or Chief Executive Officer’s Representative, the Contractor and/or its affiliates may become ineligible from bidding on future contracts issued by the Board.

### 3.0 PROJECT REQUIREMENTS

The work shall commence once the project has been awarded and a Purchase Order issued. The scope of work includes supply of all labour, tools, materials and equipment necessary to complete the installation of audio visual equipment in the specified locations at the Toronto Zoo. All work is to be completed in accordance with the drawings and specifications in the Request for Quotation (RFQ). The contractor is responsible for all pricing and all other arrangements with all subcontractors as required.

#### 3.1 SCOPE OF WORK

The Toronto Zoo requires a contractor to supply all labour, tools, materials and equipment necessary for the supply and complete installation of Audio visual equipment and accessories.

Quantity are provided for convenience and not representative of overall requirements. Site visit to determine measurements and comprehensive list of equipment and hardware to install AV equipment and accessories.

The bidder will be deemed to have inspected and examined the work site(s) and its surroundings and to have satisfied itself before submitting a Quotation as to the nature of the required Services and the required materials, equipment necessary for the performances of the Services.

Installation and configuration must be performed by InfoComm Certified Technology Specialist (CTS, CTS-D, CTS-I)

**3.1.1 BASIC TECHNICAL OVERVIEW - WILDLIFE HEALTH CENTRE**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the Conference Room of the Wildlife Health Unit. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

					<b>Confirmation (Yes/No)</b>
<b>Screen:</b>					
Draper 116371 Projection Screen, targa, Motorized Wall Mount, 16:10 165" D, 87.5 x 140 Motorized, Recessed Ceiling					
<b>Projector:</b>					
BenQ LU9715 Laser Projector BenQ LSISTI Wide Zoom Lens or Eiki EK-623U 6500 Lumens Eiki 0001-5046 lens					
<b>Additional Equipment : Apple tv 4k</b>					
<b>Rack:</b>					
Qty.	Unit	Make	Part Number	Description	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	
1	Each	VFI	Drawer 9052.2	Sliding Drawer, 2u	
1	Each	VFI	Fan	Quiet 53 CFM 120mm, AC cooling fan	
1	Each	VFI	PB	Six outlet power bar with 10 ft. cord	
1	Each	VFI	Rack-12-Black	Deluxe Mobile Racks	
<b>Cabling:</b>					

1	Each	AC	08-050212-03	Serial Cable Boded DB9 (M-F) 1-9 “28 AWG” (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20” 3.5mm Stereo (MM) – 15’ (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	
3	Each	AC		Cat6 cable for HDMI transmit.	
1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	
1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	
1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	
2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

**3.1.2 BASIC TECHNICAL OVERVIEW – CONSERVATION CLUBHOUSE (TENT)**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the



Conservation Clubhouse classroom of the Education Branch. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

					<b>Confirmation (Yes/No)</b>
<b>Screen:</b>					
Draper 206175 Luma 2 Manual Projector Screen, 16:10 87.5 x 140					
<b>Projector:</b>					
BenQ lk970 4k UHD projector BenQ LSISTI Wide Zoom Lens					
<b>Additional Components:</b>					
Apple TV 4K					
<b>Rack:</b>					
Qty.	Unit	Make	Part Number	Description	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	
1	Each	VFI	Drawer 9052.2	Sliding Drawer, 2u	
1	Each	VFI	Fan	Quiet 53 CFM 120mm, AC cooling fan	
1	Each	VFI	PB	Six outlet power bar with 10 ft. cord	
1	Each	VFI	Rack-12-Black	Deluxe Mobile Racks	
<b>Cabling:</b>					
1	Each	AC	08-050212-03	Serial Cable Boded DB9 (M-F) 1-9 "28 AWG" (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20" 3.5mm Stereo (MM) – 15' (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	
3	Each	AC		Cat6 cable for HDMI transmit.	
1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	

1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	
1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	
2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

**3.1.3 BASIC TECHNICAL OVERVIEW – EDUCATION PORTABLE (EAST SIDE)**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the Education Portable (East Side) classroom of the Education Branch. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

					<b>Confirmation (Yes/No)</b>
<b>Screen:</b>					
Samsung 82" Premium UHD 4K Smart TV NU8000 Series 8					
<b>Whiteboards:</b>					
Qty.	Unit	Make	Part Number	Description	
2	Each	Quartet	3413820149	Prestige 2 Porcelain Magnetic Dry/Erase Board 72" x 48"	
<b>Rack:</b>					
Qty.	Unit	Make	Part Number	Description	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	

**RFQ 20 (2018-11) – SUPPLY AND INSTALL AUDIO VISUAL EQUIPMENT – VARIOUS LOCATIONS**

1	Each	VFI	Drawer 9052.2	Sliding Drawer, 2u	
1	Each	VFI	Fan	Quiet 53 CFM 120mm, AC cooling fan	
1	Each	VFI	PB	Six outlet power bar with 10 ft. cord	
1	Each	VFI	Rack-12-Black	Deluxe Mobile Racks	
<b>Cabling:</b>					
1	Each	AC	08-050212-03	Serial Cable Boded DB9 (M-F) 1-9 "28 AWG" (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20" 3.5mm Stereo (MM) – 15' (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	
3	Each	AC		Cat6 cable for HDMI transmit.	
1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	
1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	
1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	

2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

**3.1.4 BASIC TECHNICAL OVERVIEW – EDUCATION PORTABLE (WEST SIDE)**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the Education Portable (West Side) classroom of the Education Branch. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

					<b>Confirmation (Yes/No)</b>
<b>Screen:</b>					
Samsung 82" Premium UHD 4K Smart TV NU8000 Series 8					
<b>Whiteboards:</b>					
<b>Qty.</b>	<b>Unit</b>	<b>Make</b>	<b>Part Number</b>	<b>Description</b>	
2	Each	Quartet	3413820149	Prestige 2 Porcelain Magnetic Dry/Erase Board 72" x 48"	
<b>Rack:</b>					
<b>Qty.</b>	<b>Unit</b>	<b>Make</b>	<b>Part Number</b>	<b>Description</b>	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	
1	Each	VFI	Drawer 9052.2	Sliding Drawer, 2u	
1	Each	VFI	Fan	Quiet 53 CFM 120mm, AC cooling fan	
1	Each	VFI	PB	Six outlet power bar with 10 ft. cord	
1	Each	VFI	Rack-12-Black	Deluxe Mobile Racks	
<b>Cabling:</b>					
1	Each	AC	08-050212-03	Serial Cable Bolder DB9 (M-F) 1-9 "28 AWG" (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20" 3.5mm Stereo (MM) – 15' (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	
3	Each	AC		Cat6 cable for HDMI transmit.	

1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	
1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	
1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	
2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

**3.1.1 BASIC TECHNICAL OVERVIEW – MAIN BOARDROOM**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the Main BoardRoom. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

	<b>Confirmation (Yes/No)</b>
<b>Screen:</b>	
<b>In Place ( use current Screen)</b>	
<b>Projector:</b>	
BenQ LK970 4k UHD projector BenQ LSISTI Wide Zoom Lens	

<b>Additional Equipment: Apple TV 4k</b>					
<b>Rack:</b>					
Qty.	Unit	Make	Part Number	Description	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	
<b>Cabling:</b>					
1	Each	AC	08-050212-03	Serial Cable Boded DB9 (M-F) 1-9 "28 AWG" (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20" 3.5mm Stereo (MM) – 15' (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
3	Each	AC		Cat6 cable for HDMI transmit.	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	
1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	
1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	

1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	
2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

**3.1.5. BASIC TECHNICAL OVERVIEW – TRAINING ROOM**

A call for quotation is issued for the supply of labour, tools, materials, and equipment necessary for the supply and complete installation of Audio Visual equipment and accessories in the Training Room. Complete all related work including programming, networking, testing, start-up, training and commissioning to fulfil the requirements and intent of the RFQ specification whether or not enumerated explicitly.

The following is a list of the scope of work that is required:

					<b>Confirmation (Yes/No)</b>
<b>Screen:</b>					
<b>In Place ( use current Screen)</b>					
<b>Projector:</b>					
BenQ LK970 4k UHD projector					
<b>Rack:</b>					
<b>Qty.</b>	<b>Unit</b>	<b>Make</b>	<b>Part Number</b>	<b>Description</b>	
2	Each	VFI	Shelf 9031	Utility Rack Shelf 1u	
1	Each	VFI	PB	Six outlet power bar with 10 ft. cord	
<b>Cabling:</b>					
1	Each	AC	08-050212-03	Serial Cable Boded DB9 (M-F) 1-9 “28 AWG” (0.941M)	
1	Each	AC	08-051300-15	HD15/SVGA (MM) Coax w/Audio 20” 3.5mm Stereo (MM) – 15’ (4.572M)	
3	Each	AC	08-3646-03	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 3' (0.941M)	
3	Each	AC		Cat6 cable for HDMI transmit.	
1	Each	AC	08-3646-15	HDMI (M-M) Gold Plated * 26 AWG 1.4 Ver "CSA" - 15' (4.572M)	

1	Each	AC	CBL-BULK-FT6-18/2	Bulk Speaker Cable, FT-6 Plenum Rated, 18/2	
<b>Controls:</b>					
1	Each	Crestron	CEN-SW-POE-5	5-Port PoE Switch	
1	Each	Crestron	DMPS3-300C	DigitalMedia™ Presentation System 300	
1	Each	Crestron	DM-RMC-4K-100-C4K	DigitalMedia 8G+™ Receiver & Room Controller 100	
2	Each	Crestron	DM-TX-201-C	DigitalMedia 8G+™ Transmitter 201	
1	Each	Crestron	TSW-550-B-S	Touch Screen, Black Smooth	
1	Each	Crestron	TSW-550-TTK-B-S	Tabletop Kit for TSW-550 & TSW-552, Black Smooth	
<b>Audio:</b>					
1	Each	RDL	TPS6A	Balanced Audio over CAT5 TxRx	
1	Each	TOA	BG-2120 CU	120W, five input mixer/amplifier, module slot, 4ohm, 25/70V, MOH/Zone 2	
4	Each	TOA	F-2000BT	Box speaker, white, 200MM, 2-Way, 60W, 70V/8ohm	
1	Each	TOA	MB-25B-BK	Rack mounting brackets for single BA-200 or BG-200 Series (2 RU)	
5	Each	Wiremold	5703.00	V500 Series - Support Clips	
10	Each	Wiremold	V500-5	V500 Series - Raceway, 5' Lengths, price each	
2	Each	Wiremold	V517	V500 Series - Inside Elbow	
2	Each	Wiremold	V5715	V500 Series - Tee	

Quantity are provided for convenience and not representative of overall requirements. Site visit to determine measurements and comprehensive list of equipment and hardware to install AV equipment and accessories.

The bidder will be deemed to have inspected and examined the work site(s) and its surroundings and to have satisfied itself before submitting a Quotation as to the nature of the required Services and the required materials, equipment necessary for the performances of the Services.

Installation and configuration must be performed by InfoComm Certified Technology Specialist (CTS, CTS-D, CTS-I)

**3.2 CONTRACTOR RESPONSIBILITIES**

1. Regular meetings/communication with the Toronto Zoo Project Team to review project status and to discuss issues that may arise during the project.
2. Provide samples, mock ups, etc. as required to the Project Team.



3. Provide product information, MSDS sheets and colour samples to the Project Team prior to start of the work where applicable.
4. Provide the Zoo with a two (2) year warranty upon completion of the project.
5. Protect adjacent areas not included in the project. Any damage caused will be the responsibility of the contractor to rectify at no additional cost to the Zoo.
6. Clean-up the work area daily and make good any damage caused as a result of the work.
7. Secure the work site and provide construction signs and barriers to prevent injury to Zoo personnel and the public, if applicable.
8. Upon award of contract, Contractor is to finish all work, including clean up and demobilization by the completion date specified.
9. Submit all shop drawings for review and approval prior to start of fabrication. Review of shop drawings shall not mean that the Toronto Zoo approves detail design inherent in shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in shop drawings or of his responsibility for meeting all requirements of the subcontract documents.
10. Submit close out documents as requested. Include warranties and “As built” drawings.

### **3.3 SAFETY SPECIFICATIONS**

1. It is the responsibility of the Contractor to protect the site as required during construction.
2. Ensure that awareness of public safety is considered and protect visitors in the vicinity during the construction period.
3. All necessary personal protective equipment must be worn at all times and MSDS sheets must be available on site as required.
4. The contractor is to abide by applicable Toronto Zoo Health & Safety Policies,
  - i. SAFE-002 Health & Safety Hazard Reporting
  - ii. SAFE-017 Contractors Safety
  - iii. SAFE-018 Vehicles on Site
  - iv. SAFE-007 Working in Confined Space
  - v. SAFE-025 Hot Work
  - vi. SAFE-013 Equipment Lockout/Tagout

the Ontario Health and Safety Acts, the Ontario Building Code and all other applicable codes including the Fire Codes.

The contractor is to abide by the Toronto Zoo’s Commitment to the City of Toronto’s Corporate Smog Response Plan

5. It is the responsibility of the Contractor to ensure that the work site is properly protected at all times. All work sites must be marked and barriered adequately with construction signs posted to secure and isolate the work site from the public or other personnel that have access to the area.

**3.4 OTHER INFORMATION**

The successful bidder must demonstrate the ability to complete the work to standards acceptable to the Zoo and prove past performance in the completion of similar types of work for other clients by providing relevant examples of work and references. The successful bidder must also demonstrate and guarantee that they can produce the work in the allotted time.

**4.0 SUBMISSION FORMS:**

I/We, hereby, submit the Quotation and will comply with all terms, conditions, specifications and drawings (when provided) as set out within the Board’s Quotation.

I/We, hereby, have received, allowed for and included as part of our submission all issued Addendum numbered \_\_\_\_\_.

This form must be completed, properly signed and received on or before the date and time specified or your Quotation will not be considered. Quotation prices shall remain in effect for a period of ninety (90) days from the Quotation due date.

The Board of Management of the Toronto Zoo reserves the right to reject any or all Quotations or to accept any Quotation, should it deem such action to be in its interests.

By signing and submitting this FORM, you are agreeing to the release of your quotation information, as deemed necessary by the Board, in order to conduct business associated with this quotation or project.

<b>COMPANY INFORMATION</b>	
Company Name:	
Name of authorized Signing Officer	Title:
Signature of authorized Signing Officer:	Date:
Contact Name:	Title:
Address:	
Telephone #:	Fax #:
Email:	Web Site:
HST #:	

**4.1 QUOTATION PRICING - LUMP SUM PRICE**

DESCRIPTION	Price complete, HST extra
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Wildlife Health Centre- Conference Room as per specification enclosed	\$
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Conservation Clubhouse Classroom(Tent) as per specification enclosed	\$
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Education Portable (East) as per specification enclosed	\$
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Education Portable (West) as per specification enclosed	\$
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Main Boardroom as per specification enclosed	\$
To provide labour, tools, materials and equipment to complete the supply, delivery and installation of various audio visual equipment in the Training Room as per specification enclosed	\$
<b>Sub-total</b>	
<b>HST</b>	
<b>Total</b>	

	YES / NO
Confirm that installers are InfoComm Certified Technology Specialist (CTS, CTS-D, CTS-I)	

<b>COMMITMENT TO DELIVER</b>	YES / NO
Confirm that you are able to complete the work by Thursday <b>2019-01-31</b>	

**SUBMISSION LABEL**

**This address label should be printed and affixed to the front of your sealed tender, quotation and proposal envelope/package submission. Toronto Zoo will not be held responsible for envelopes and packages that are not properly labelled or submitted to an address other than the one listed on this label.**

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**Vendor Name** \_\_\_\_\_

**RFQ 20 (2018-11) – SUPPLY AND INSTALL AUDIO VISUAL  
EQUIPMENT – VARIOUS LOCATIONS**

**Due Date: Friday 2018-11-30, 1200 HOURS (NOON, LOCAL TIME)**

**TO BE RETURNED TO**

**TORONTO ZOO  
C/O SUPERVISOR, PURCHASING & SUPPLY  
ADMINISTRATIVE SUPPORT CENTRE  
361A OLD FINCH AVE.  
TORONTO, ONTARIO  
M1B 5K7**

**NOTICE OF NO BID**

**INSTRUCTIONS:**

It is important to the Toronto Zoo to receive a reply from all invited bidders. If you are unable, or do not wish to submit a bid, please complete the following portions of this form. State your reason for not bidding by checking the applicable box(es) or by explaining briefly in the space provided. It is not necessary to return any other Request for Proposal/Quotation/Tender documents or forms. Please just return this completed form by fax or by mail prior to the official closing date. **Purchasing and Supply Fax Number: (416) 392-6711.**

<b>A Proposal/Quotation/Tender is not submitted for the following reason(s):</b>	
<input type="checkbox"/> Project/quantity too large.	<input type="checkbox"/> Project/quantity too small.
<input type="checkbox"/> We do not offer services or commodities to these requirements	<input type="checkbox"/> Cannot meet delivery or completion requirement
<input type="checkbox"/> We do not offer this service or commodity.	<input type="checkbox"/> Agreements with other company do not permit us to sell directly.
<input type="checkbox"/> Cannot handle due to present commitments.	<input type="checkbox"/> Licensing restrictions
<input type="checkbox"/> Unable to bid competitively.	<input type="checkbox"/> We do not wish to bid on this service or commodity in the future.
<input type="checkbox"/> Insufficient information to prepare quote/proposal/tender	<input type="checkbox"/> Specifications are not sufficiently defined
<input type="checkbox"/> We are unable to meet bonding or insurance requirements.	

Other reasons or additional comments (please explain):

Company Name:	
Address	
Contact Person:	
Signature of Company Representative:	
Date:	
Phone Number:	
Email address	
Fax Number:	

**Toronto Zoo Accessible Customer Service Training Requirements:  
Contractors, Consultants and other Service Providers**  
(Accessibility Standard for Customer Service, O. Reg. 429/07, AODA 2005)

The Toronto Zoo supports the goals of the Accessibility for Ontarians with Disabilities Act (AODA), 2005 and is committed to providing equal treatment and equitable benefits of Toronto Zoo services, programs and facilities in a manner that respects the dignity and independence of people with disabilities.

Under section 6 of the Accessibility Standard for Customer Service, O. Reg. 429/07 (Appendix A), established by the AODA, the Toronto Zoo must ensure that employees, volunteers and all other personnel, including third party contractors, who deal with members of the public or other third parties on behalf of the Toronto Zoo or, who participate in developing Toronto Zoo policies, practices or procedures on the provision of goods and services receive training on accessible customer service.

All personnel must complete training that meets the requirements of the Accessible Customer Service regulation and includes:

- An overview of the AODA
- Understanding the requirements of the Regulation
- How to interact and communicate with persons with various types of disabilities;
- How to interact with persons with disabilities who use an assistive device or require the assistance of a guide dog or other service animal or the assistance of a support;
- How to use equipment or devices available on the provider's premises or otherwise provided by the provider to people with disabilities to access goods or services; and
- What to do if a person with a particular type of disability is having difficulty accessing the provider's goods or services.

It is the responsibility of the third party contractors and other service providers to ensure that appropriate training is provided and that training records are maintained, including dates when training is provided, the number of personnel who received training and individual training records. Contractors are required to ensure that this information is available, if requested by the Toronto Zoo.

**Access an e-learning course:**

The training requirements can be fulfilled by completing the e-Learning course "Serve-ability: Transforming Ontario's Customer Service", which can be found on the Ministry of Community and Social Services website:

<http://www.mcsc.gov.on.ca/mcss/serve-ability/splash.html>

**For more information:**

How to comply with the Accessible Customer Service Standard at: [www.accessON.ca/compliance](http://www.accessON.ca/compliance)

Requirements of the Accessibility Standards for Customer Service (Ontario Regulation 429/07):  
[www.e-laws.gov.on.ca/html/source/regs/english/2007/elaws\\_src\\_regs\\_r07429\\_e.htm](http://www.e-laws.gov.on.ca/html/source/regs/english/2007/elaws_src_regs_r07429_e.htm)

**APPENDIX A – LIST OF SUB-CONTRACTOR**

The Bidder proposes to sublet the following portions of the Work to the persons firms or corporations indicated. The Bidder (Contractor) is responsible for all pricing with all subcontractors.

The Bidder submits that in proposing the under mentioned subcontractors, the Bidder has consulted each and have ascertained to our completed satisfaction that those names are fully acquainted with the extent and nature of the work and that they will execute their work with the requirements of the contract documents.

<b>Work or services to be provided</b>	<b>Name and address of sub-contractor or person</b>	<b>Telephone</b>

<b>Name of Bidder:</b>	
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