

**FORM A: PROPOSAL**  
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF UNINTERRUPTIBLE POWER SUPPLIES

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

(Mailing address if different)

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
Email Address of Bidder

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Proposal.

\_\_\_\_\_  
Contact Person

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D4.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.
6. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
7. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.
8. Contract The Bidder agrees that the Request for Proposal in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Proposal.
9. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
- |     |       |       |       |
|-----|-------|-------|-------|
| No. | _____ | Dated | _____ |
|     | _____ |       | _____ |
|     | _____ |       | _____ |
10. Time This offer shall be open for acceptance, binding and irrevocable for a period of ninety (90) Calendar Days following the Submission Deadline.
11. Signatures The Bidder or the Bidder's authorized official or officials have signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ .

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

**FORM B (R1): PRICES**  
(See B9)

**SUPPLY AND DELIVERY OF UNINTERRUPTIBLE POWER SUPPLIES**

Notes:

- A. Items 4, 9, 10, 11, 12, 17, and 18 are not mandatory, and if not proposed will be evaluated as per B21 and B22.4.
- B. Provision of Annual Service and Support Agreement Prices (Item 23 and right column) are not mandatory. If not proposed, evaluation will be as per B21 and B22.4.

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY (Aggregate)	UNIT PRICE	ANNUAL SERVICE AND SUPPORT AGREEMENT PRICE
1.	10 KVA UPS	E6	Each	6		
2.	15 KVA UPS	E6	Each	4		
3.	20 KVA UPS	E6	Each	2		
4.	30 KVA UPS	E6	Each	2		
5.	External Maintenance Bypass Switch – 10 KVA	E7	Each	1		
6.	External Maintenance Bypass Switch – 15 KVA	E7	Each	1		
7.	External Maintenance Bypass Switch – 20 KVA	E7	Each	1		
8.	External Maintenance Bypass Switch – 30 KVA	E7	Each	1		
9.	Maintenance Bypass Cabinet with Transformer – 10 KVA	E8	Each	5		
10.	Maintenance Bypass Cabinet with Transformer – 15 KVA	E8	Each	3		
11.	Maintenance Bypass Cabinet with Transformer – 20 KVA	E8	Each	1		
12.	Maintenance Bypass Cabinet with Transformer – 30 KVA	E8	Each	1		
13.	External Battery Cabinet – Type 1	E9	Each	4		
14.	External Battery Cabinet – Type 2	E9	Each	4		
15.	External Battery Cabinet – Type 3	E9	Each	4		
16.	Relay Module	E10	Each	7		
17.	SNMP Module	E11	Each	3		
18.	Modbus TCP/IP Module	E12	Each	7		
19.	Field Service – Hourly Rate	E13	Hour	40		N/A
20.	Replacement Parts – Complete Dust Filter Set for one UPS	E14	Each	20		N/A
21.	Replacement Parts – Inverter Module for 15 KVA UPS	E14	Each	1		N/A
22.	Replacement Parts – Discount off the List Price	E14	%	N/A	_____ %	N/A

**FORM B (R1): PRICES**  
(See B9)

**SUPPLY AND DELIVERY OF UNINTERRUPTIBLE POWER SUPPLIES**

Notes:

- A. Items 4, 9, 10, 11, 12, 17, and 18 are not mandatory, and if not proposed will be evaluated as per B21 and B22.4.
- B. Provision of Annual Service and Support Agreement Prices (Item 23 and right column) are not mandatory. If not proposed, evaluation will be as per B21 and B22.4.

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY (Aggregate)	UNIT PRICE	ANNUAL SERVICE AND SUPPORT AGREEMENT PRICE
23.	Service and Support Agreement – Annual Base Costs	E15	Annual Price	N/A	N/A	

\_\_\_\_\_  
Name of Bidder

**FORM N: PRICE ADJUSTMENT PROPOSAL**

Bidder:
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Notes:

1. This form is made available to Bidders in both PDF and Microsoft Word format. In the event of a discrepancy between the forms, the PDF version will be adhered to.
2. Complete "Bidder Response" section in full.
3. If insufficient space is provided, attach additional sheets of paper with the required information.

Item	Description	Bidder Response
<b>1.0</b>	<b>Price Certainty Proposal</b>	
1.1	After the minimum duration for fixed prices, as per Form B, expires, how will pricing be determined?	<input type="checkbox"/> Extension of the Fixed Prices. (Complete Item 2.1) <input type="checkbox"/> Published List Prices (Complete Items 3.1 – 3.4) <input type="checkbox"/> Fixed Escalation Rate (Complete Items 4.1 – 4.2) <input type="checkbox"/> Indexed Price Adjustment (Complete Items 5.1 – 5.2) <input type="checkbox"/> Negotiation (Complete Item 6.1)
<b>2.0</b>	<b>Extension of Fixed Prices</b>	
2.1	Will fixed prices indicated on Form B be extended past the minimum duration of August 31, 2015?	<input type="checkbox"/> The fixed prices indicated on Form B will be extended past August 31, 2015 to the following date: <p style="text-align: right;">August 31, _____</p>
<b>3.0</b>	<b>Published List Prices</b>	
3.1	Will prices be based on published list prices after the Fixed Prices indicated in Form B expire, as per B10.8?	<input type="checkbox"/> Yes
3.2	What will the discount off the Published Canadian Price List price be?	_____ % Example: If 20% is indicated and the list price is \$1,000, the actual price would be \$800.
3.3	Will the discount off published list prices expire?	<input type="checkbox"/> Yes, the discount off published list prices will expire on: <p style="text-align: right;">August 31, _____</p> <input type="checkbox"/> No, the discount will not expire.
3.4	Provide a current manufacturer Published Canadian Price List for all equipment proposed.	<input type="checkbox"/> Included <input type="checkbox"/> Not Included (May affect evaluation).

**FORM N: PRICE ADJUSTMENT PROPOSAL**

Item	Description	Bidder Response
<b>4.0</b>	<b>Percentage Price Increase</b>	
4.1	Will prices be based on a percentage price increase after the Fixed Prices indicated in Form B expire, as per B10.9?	<input type="checkbox"/> Yes
4.2	Indicate the applicable percentage increase to the prices in Form B.	<p>Enter the applicable incremental price increase for each year. Enter "NP" for a given year(s) if a price is not proposed after the given date.</p> <p>September 1, 2015: _____ %</p> <p>September 1, 2016: _____ %</p> <p>September 1, 2017: _____ %</p> <p>September 1, 2018: _____ %</p> <p>September 1, 2019: _____ %</p> <p>September 1, 2020: _____ %</p> <p>September 1, 2021: _____ %</p> <p>September 1, 2022: _____ %</p> <p>September 1, 2023: _____ %</p>

**FORM N: PRICE ADJUSTMENT PROPOSAL**

Item	Description	Bidder Response
<b>5.0</b>	<b>Indexed Price Adjustment</b>	
5.1	Will prices be based on an indexed price adjustment after the Fixed Prices indicated in Form B expire, as per B10.10.	<input type="checkbox"/> Yes
5.2	Indicate the index to be utilized:	<input type="checkbox"/> Canadian Consumer Price Index  <input type="checkbox"/> Canadian Industrial Product Price Index Specify category / commodity: _____ <input type="checkbox"/> US Consumer Product Price Index  <input type="checkbox"/> US Producer Product Price Index:  Specify Industry: _____
<b>6.0</b>	<b>Negotiation</b>	
6.1	Will prices be based upon negotiation, with the negotiated prices, mutually agreed to at the time of Contract Extension, in effect for two year intervals as per B10.11.	<input type="checkbox"/> Yes

### FORM P: PROPOSAL INFORMATION

Bidder:	Bidder Rep:
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**Notes:**

1. The City reserves the right to clarify, investigate, and request additional information to confirm the Bidder's claim regarding any data provided.
2. The Bid Evaluation is not based solely upon the information submitted on this form.
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4. Complete "Bidder Response" section in full. Failure to complete or submit required information may result in disqualification of the complete Bid.
5. If insufficient space is provided, attach additional sheets of paper with required information.
6. Where a specific UPS rating is not identified, it is expected that the information supplied will apply to all UPS ratings identified in the RFP. If the information is different for various UPS ratings, ensure that the unique information for each UPS rating is clearly identified.

Item	Description	Bidder Response
<b>1.0</b>	<b>General Information</b>	
<b>1.1</b>	<b>Manufacturer</b>	
1.1.1	Manufacturer Name	
1.1.2	Years of experience in the design, manufacture, and testing of solid-state UPS systems.	years
<b>1.2</b>	<b>UPS Information</b>	
1.2.1	Complete Model Number of 10 KVA UPS (Form B: Item 1)	
1.2.2	Complete Model Number of 15 KVA UPS (Form B: Item 2)	
1.2.3	Complete Model Number of 20 KVA UPS (Form B: Item 3)	
1.2.4	Complete Model Number of 30 KVA UPS (Form B: Item 4)	
<b>1.3</b>	<b>External Maintenance Bypass Switch Model Information</b>	
1.3.1	Complete Model Number of External Maintenance Bypass Switch – 10 KVA (Form B: Item 5)	
1.3.2	Complete Model Number of External Maintenance Bypass Switch – 15 KVA (Form B: Item 6)	
1.3.3	Complete Model Number of External Maintenance Bypass Switch – 20 KVA (Form B: Item 7)	

**FORM P: PROPOSAL INFORMATION**

Item	Description	Bidder Response
1.3.4	Complete Model Number of External Maintenance Bypass Switch – 30 KVA (Form B: Item 8)	
<b>1.4</b>	<b>Maintenance Bypass Switch Model With Transformer Information</b>	
1.4.1	Complete Model Number of Maintenance Bypass Cabinet With Transformer – 10 KVA (Form B: Item 9)	
1.4.2	Complete Model Number of Maintenance Bypass Cabinet With Transformer – 15 KVA (Form B: Item 10)	
1.4.3	Complete Model Number of Maintenance Bypass Cabinet With Transformer – 20 KVA (Form B: Item 11)	
1.4.4	Complete Model Number of Maintenance Bypass Cabinet With Transformer – 30 KVA (Form B: Item 12)	
<b>1.5</b>	<b>External Battery Cabinet Model Information</b>	
1.5.1	Complete Model Number of External Battery Cabinet – Type 1 (Form B: Item 13)	
1.5.2	Complete Model Number of External Battery Cabinet – Type 2 (Form B: Item 14)	
1.5.3	Complete Model Number of External Battery Cabinet – Type 3 (Form B: Item 15)	
<b>1.6</b>	<b>Communication Module Model Information</b>	
1.6.1	Complete Model Number of Relay Module (Form B: Item 16)	
1.6.1	Complete Model Number of SNMP Module (Form B: Item 17)	
1.6.2	Complete Model Number of Modbus TCP/IP Module (Form B: Item 18)	
<b>1.7</b>	<b>Replacement Parts Model Information</b>	
1.7.1	Complete Model Numbers of Complete Dust Filter Set for one UPS (Form B: Item 20)	

**FORM P: PROPOSAL INFORMATION**

<b>Item</b>	<b>Description</b>	<b>Bidder Response</b>
1.7.2	Complete Model Numbers of 3-phase Inverter Module for 15 KVA UPS (Form B: Item 21)	
<b>2.0</b>	<b>Technical Features and Capabilities</b>	
<b>2.1</b>	<b>UPS Performance</b>	
2.1.1	Overall Efficiency at Full Load	%
2.1.2	Input Voltage Tolerance	%
2.1.3	Input Frequency Tolerance	%
2.1.4	Input power factor at full load	
2.1.5	Inrush current maximum	% of full load current
2.1.6	Input Current Total Harmonic Distortion at full load	%
2.1.7	Rated output power factor	
2.1.8	Output Voltage Regulation for balanced load	%
2.1.9	Output Voltage Regulation for 100% unbalanced load	%
2.1.10	Output Voltage Total Harmonic Distortion for linear loads	%
2.1.11	Output Voltage Total Harmonic Distortion for 100% non-linear loads (3:1) crest factor	%
2.1.12	Maximum Overload for 1 min (on inverter)	% of rated full load
2.1.13	Maximum Overload for 15 min (on inverter)	% of rated full load
2.1.14	Voltage Transient Response for 100% load step	%
2.1.15	Voltage Transient Response for loss or return of AC input power	%
2.1.16	Voltage Transient Response for manual transfer of 100% load	%
2.1.17	Noise Level	dBA
2.1.18	Short Circuit Current Rating (Line Side)	

**FORM P: PROPOSAL INFORMATION**

Item	Description	Bidder Response
<b>2.2</b>	<b>UPS Functionality</b>	
2.2.1	Describe controls/display	
2.2.2	LCD Display	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.2.3	Is a graphical mimic display provided with status information?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
2.2.4	Status LEDs indicating the current status of the invert, bypass, line power, and output power.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.2.5	Means to always clearly display on the main panel, without switching display screens, the current output status of the UPS.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.2.6	Charger current limit option (generator mode) input available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.2.7	Describe battery status monitoring	
2.2.8	Describe Built-In Output Current Measurement and Display Capabilities	Range: _____ A to _____ A Phases: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
2.2.9	Describe wiring configuration and cable entry locations for UPS and maintenance bypass cabinet. Indicate options for top, bottom, front, and/or rear cable entry.	
2.2.10	The UPS is capable of full installation of cables and unit maintenance via front access only.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>2.3</b>	<b>Maintenance Bypass Functionality</b>	
2.3.1	Is an integral Maintenance Bypass Switch (as per E5.6), in addition to any external Maintenance Bypass Cabinet, included.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.3.2	Describe maintenance bypass cabinet switching modes of operation and switch type.	
2.3.3	Maintenance bypass cabinet comes with breakers as standard	<input type="checkbox"/> Yes <input type="checkbox"/> No

**FORM P: PROPOSAL INFORMATION**

Item	Description	Bidder Response
<b>2.4</b>	<b>External Battery Cabinet Functionality</b>	
2.4.1	Battery cabinet comes with breaker as standard	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>2.5</b>	<b>Relay Module</b>	
2.5.1	Describe Relay Module contacts available.	
2.5.2	Describe Relay contact ratings and external connection (terminals or DB25 connector)	
2.5.3	Describe Relay Module cable entrance.	<input type="checkbox"/> Front Panel Connection <input type="checkbox"/> Conduit <input type="checkbox"/> Other – describe:
<b>2.6</b>	<b>SNMP Module</b>	
2.6.1	SNMP module available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.6.2	Describe SNMP Module Functionality	
2.6.3	Describe SNMP Module cable entrance.	<input type="checkbox"/> Front Panel Connection <input type="checkbox"/> Conduit <input type="checkbox"/> Other – describe:
<b>2.7</b>	<b>Modbus TCP Module</b>	
2.7.1	Modbus TCP module available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.7.2	Modbus TCP Functionality – Separate documents provided	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.7.3	Describe Modbus TCP cable entrance.	<input type="checkbox"/> Front Panel Connection <input type="checkbox"/> Conduit <input type="checkbox"/> Other – describe:
<b>2.8</b>	<b>Battery Runtimes</b>	
2.8.1	Maximum available runtime with internal batteries at full load for a 10 kVA UPS.	
2.8.2	Maximum available runtime with internal batteries at full load for a 15 kVA UPS.	
2.8.3	Maximum available runtime with internal batteries at full load for a 20 kVA UPS.	

**FORM P: PROPOSAL INFORMATION**

Item	Description	Bidder Response
2.8.4	Maximum available runtime with internal batteries at full load for a 30 kVA UPS.	
2.8.5	Maximum available runtime with one Type 1 external battery cabinet at full load for a 10 kVA UPS.	
2.8.6	Maximum available run time with one Type 1 external battery cabinet and internal batteries at full load for a 15 kVA UPS.	
2.8.7	Maximum available run time with one Type 1 external battery cabinet and internal batteries at full load for a 20 kVA UPS.	
2.8.8	Maximum available run time with one Type 1 external battery cabinet and internal batteries at full load for a 30 kVA UPS.	
2.8.9	Maximum available runtime with one Type 2 external battery cabinet and internal batteries at full load for a 10 kVA UPS.	
2.8.10	Maximum available run time with one Type 2 external battery cabinet and internal batteries at full load for a 15 kVA UPS.	
2.8.11	Maximum available run time with one Type 2 external battery cabinet and internal batteries at full load for a 20 kVA UPS.	
2.8.12	Maximum available run time with one Type 2 external battery cabinet and internal batteries at full load for a 30 kVA UPS.	
2.8.13	Maximum available runtime with one Type 3 external battery cabinet and internal batteries at full load for a 10 kVA UPS.	
2.8.14	Maximum available run time with one Type 3 external battery cabinet and internal batteries at full load for a 15 kVA UPS.	
2.8.15	Maximum available run time with one Type 3 external battery cabinet and internal batteries at full load for a 20 kVA UPS.	

### FORM P: PROPOSAL INFORMATION

Item	Description	Bidder Response
2.8.16	Maximum available run time with one Type 3 external battery cabinet and internal batteries at full load for a 30 kVA UPS.	

### FORM R: REFERENCES

Bidder:	Bidder Rep:
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5. If insufficient space is provided, attach additional sheets of paper with required information.

Item	Description	Bidder Response
<b>1.0</b>	<b>Reference 1</b>	
<b>1.1</b>	Company Name	
<b>1.2</b>	Location	
<b>1.3</b>	Contact Name and Information	Name: Email: Phone:
<b>1.4</b>	Description of Equipment and Services Provided.	
<b>1.5</b>	Year of delivery.	_____
<b>1.6</b>	The reference project utilized the same as proposed in this Bid. Check all that apply.	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Vendor / sales agent <input type="checkbox"/> Vendor / sales agent local office
<b>2.0</b>	<b>Reference 2</b>	
<b>2.1</b>	Company Name	
<b>2.2</b>	Location	
<b>2.3</b>	Contact Name and Information	Name: Email: Phone:
<b>2.4</b>	Description of Equipment and Services Provided.	
<b>2.5</b>	Year of delivery.	_____

**FORM R: REFERENCES**

Item	Description	Bidder Response
2.6	The reference project utilized the same as proposed in this Bid. Check all that apply.	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Vendor / sales agent <input type="checkbox"/> Vendor / sales agent local office
3.0	<b>Reference 3</b>	
3.1	Company Name	
3.2	Location	
3.3	Contact Name and Information	Name:  Email:  Phone:
3.4	Description of Equipment and Services Provided.	
3.5	Year of delivery.	_____
3.6	The reference project utilized the same as proposed in this Bid. Check all that apply.	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Vendor / sales agent <input type="checkbox"/> Vendor / sales agent local office