



# GENERAL COMMUNICATIONS

— your safety is our business

June 28, 2018

Rich McVicar, ENP  
Technical Services Manager  
Dane County Public Safety Communications  
210 Martin Luther King Jr Blvd Rm 109  
Madison, WI 53703-3342

## RE: Alliant Energy Center and Exhibition Hall Budgetary Quote - BAFO

The following is our budgetary quote to install a VHF bi-directional amplifier and distributed antenna system for each building to improve communications on the Danecom radio system.

This quote includes all labor, travel, parts, testing and verification.

### Summary:

<u>Facility</u>	<u>Price</u>
Alliant Energy Center	\$ 51,671.30
Exhibition Hall	\$ 48,207.10
<b>Total:</b>	<b>\$ 99,878.40</b>

### Alliant Energy Center:

<u>Qty</u>	<u>Description</u>	<u>Price</u>	<u>Extended</u>
2	VHF BDA, 80dB	\$10,826.11	\$21,652.23
2	Isolator, WB VHF DL 50 Watt	\$803.59	\$1,607.18
4	Cable RG-142 Critical Length Cable	\$111.61	\$446.45
4	EMR System Integration	\$171.14	\$684.55
2	Splitter 2-Way, 150-175MHz	\$258.94	\$517.88
1	Donor Antenna, VHF Wide Band	\$339.53	\$339.53
1	Non-Penetrating Roof Mount	\$175.00	\$175.00
1	Roof Mount Mat	\$25.00	\$25.00
8	Bricks	\$5.00	\$40.00
1	Mounting Clamp Kit	\$61.07	\$61.07
1	Polyphaser Lightning Protection	\$66.73	\$66.73
3050'	1/2" Non-Plenum Cable	\$1.33	\$4,052.14
44	1/2" N-Male Connectors	\$13.84	\$609.09
100'	Low Loss Coax Cable	\$0.96	\$95.71
2	Coax Connectors, N-Male	\$4.09	\$8.17
16	132-174, 380-570, 700-960 Flat Ant	\$141.43	\$2,262.86
5	Directional Coupler, 3dB, 147-960MHz	\$157.67	\$788.36
6	Directional Coupler, 6dB, 147-960MHz	\$157.67	\$946.03
4	Directional Coupler, 10B, 147-960MHz	\$157.67	\$630.69
10	RG142 Jumper, 3'	\$36.43	\$364.29
6	Self-Locking Hangers, 100 Pack	\$99.73	\$598.37

**Madison**  
2880 Commerce Park Drive  
Madison, WI 53719  
(608) 271-4848 / (800) 356-3200

**Milwaukee**  
N57 W13466 Reichert Avenue  
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(262) 439-2000 / (800) 546-9468



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1	FCC Class B Amplifier Registration	\$200.00	\$200.00
1	Installation	\$11,000.00	\$11,000.00
1	Commissioning and Testing	\$1,500.00	\$1,500.00
1	Project Management	\$3,000.00	\$3,000.00
	<b>Sub Total</b>		<b>\$51,671.30</b>

## Exhibition Hall:

<u>Qty</u>	<u>Description</u>	<u>Price</u>	<u>Extended</u>
2	<i>VHF BDA, 80dB</i>	<i>\$10,826.11</i>	<i>\$21,652.23</i>
2	<i>Isolator, WB VHF DL 50 Watt</i>	<i>\$803.59</i>	<i>\$1,607.18</i>
4	<i>Cable RG-142 Critical Length Cable</i>	<i>\$111.61</i>	<i>\$446.45</i>
4	<i>EMR System Integration</i>	<i>\$171.14</i>	<i>\$684.55</i>
2	<i>Splitter 2-Way, 150-175MHz</i>	<i>\$258.94</i>	<i>\$517.88</i>
1	<i>Donor Antenna, VHF Wide Band</i>	<i>\$339.46</i>	<i>\$339.46</i>
1	Mounting Clamp Kit	\$61.07	\$61.07
1	Wall Mount Bracket, 6" Heavy Duty	\$230.10	\$230.10
1	Polyphaser Lightning Protection	\$66.73	\$66.73
2200'	1/2" Non-Plenum Cable	\$1.33	\$2,922.86
16	1/2" N-Male Connectors	\$13.84	\$221.49
100'	Low Loss Coax Cable	\$0.96	\$95.71
2	Coax Connectors, N-Male	\$4.09	\$8.17
7	132-174, 380-570, 700-960 Flat Ant	\$141.43	\$990.00
3	Directional Coupler, 3dB, 147-960MHz	\$157.67	\$473.01
1	Directional Coupler, 6dB, 147-960MHz	\$157.67	\$157.67
1	Directional Coupler, 10B, 147-960MHz	\$157.67	\$157.67
1	Directional Coupler, 15dB, 147-960MHz	\$157.67	\$157.67
6	RG142 Jumper, 3'	\$36.43	\$218.57
5	Self-Locking Hangers, 100 Pack	\$99.73	\$498.64
1	FCC Class B Amplifier Registration	\$200.00	\$200.00
1	Lift Rental	\$1,000.00	\$1,000.00
1	Installation	\$11,000.00	\$11,000.00
1	Commissioning and Testing	\$1,500.00	\$1,500.00
1	Project Management	\$3,000.00	\$3,000.00
	<b>Sub Total</b>		<b>\$48,207.10</b>

*Note: The items in italics have a lead time of about 8 weeks.*

If you have any questions, please email [gary.pelletier@gencomm.com](mailto:gary.pelletier@gencomm.com) or call 608-310-7122.

Sincerely,

*Gary E. Pelletier*

Gary E. Pelletier  
General Manager / Systems Engineer

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