

# Icom America Systems

## 2009 QUESTIONNAIRE

Please fill out each section of this questionnaire

Date: \_\_\_\_\_

**PROJECT TEAM LEADER:** \_\_\_\_\_

G & S Regional Sales Manager: \_\_\_\_\_

Manufacturer Representative: \_\_\_\_\_

Dealer name: \_\_\_\_\_

Dealer #: \_\_\_\_\_

Contact person: \_\_\_\_\_

Phone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

Dealer e-mail address: \_\_\_\_\_

Dealer address: \_\_\_\_\_  
street address city state postal code

Project name (If applicable): \_\_\_\_\_

Quotation due date: \_\_\_\_\_

Who is the competition? \_\_\_\_\_

Is this a budgetary quote: Yes \_\_\_\_\_ No \_\_\_\_\_

Estimated date of purchase: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

1. Number of sites in the system: \_\_\_\_\_

2. System type:

Conventional Analog \_\_\_\_\_ (Repeater or base station)

Conventional P25 \_\_\_\_\_ (Repeater or base station)

IDAS (Conventional 6.25) \_\_\_\_\_ (Repeater or base station)

Paging \_\_\_\_\_ (Tone & voice, 2 level FSK; pocsag-golay)

Trunking \_\_\_\_\_ (IDAS, LTR®, PassPort®, MPT 1327)

Voting \_\_\_\_\_ (Analog)

3. Number of channels in each site: 1. \_\_\_\_ 2. \_\_\_\_ 3. \_\_\_\_ 4. \_\_\_\_ 5. \_\_\_\_ 6. \_\_\_\_

4. Bandwidth: \_\_\_\_\_ (wide, narrow - 25 khz, 12.5 khz, 6.25 khz)

5. RF output power from the repeaters / base \_\_\_\_\_ (watts)

6. Licensed output / ERP \_\_\_\_\_(watts)
7. Frequency band \_\_\_\_\_ (low band, VHF, UHF, 800, 900)
8. Duplexer required? (Single repeater operation, single antenna) \_\_\_\_\_
9. TX combiner required? \_\_\_\_\_ (multi-bases or repeaters using one TX ant)
10. RX multi-coupler required? \_\_\_\_\_ (multi-bases or repeaters using one RX ant)
  - AC or DC powered? (check one) \_\_\_\_\_AC \_\_\_\_\_DC
  - If AC required, battery back up also required? \_\_\_\_\_Yes \_\_\_\_\_No
11. Antenna required? \_\_\_\_\_Yes \_\_\_\_\_ No
12. Antenna switch required? \_\_\_\_\_ (base station using one antenna for RX and TX)
13. Receive pre-selector required?\_\_\_\_\_ (high noise site environment)
14. Telco Interconnect required? \_\_\_\_\_ (subscriber unit telephone interconnect capability)
15. Remote control required? \_\_\_\_\_ (VOIP or tone or DC control of base / repeater)
16. Is there a generator on site? \_\_\_\_\_ Yes \_\_\_\_\_ No
  - How long does it take to power up? \_\_\_\_\_
17. AC power available? \_\_\_\_\_ (110 or 220 VAC)
18. AC current capacity available? \_\_\_\_\_ (amps)
19. DC back up required? \_\_\_\_\_ (Aux DC capabilities — when AC is lost)
  - Desired run time on batteries \_\_\_\_\_
20. Is this a DC only application? Yes \_\_\_\_\_ No\_\_\_\_\_
21. What DC voltage is available at the site? \_\_\_\_\_ (volts)
  - Positive or negative ground? \_\_\_\_\_ground

22. What DC current capacity is available at the site? \_\_\_\_\_ (amps)
23. AC surge protection required? \_\_\_\_\_ (protects system from AC surges)
24. Open 19" rack required? \_\_\_\_\_ (specify height, 28" 42" 63" 70" etc.)
25. Cabinet required? \_\_\_\_\_ (specify height, 30" 46" 60")
26. Lightening protection required? \_\_\_\_\_ (helps protect system from lightening surges)
27. Transmission line required? \_\_\_\_\_ (LMR 400, LDF-4, etc — please specify type and amount)
28. On site system installation / optimization required? \_\_\_\_\_ Yes \_\_\_\_\_ No
29. List frequencies and CTCSS-DCS-NAC-RAN if available: \_\_\_\_\_  
 (These are the frequencies of the base or repeater. These frequencies determine the proper duplexer, TX combiner, RX multi-coupler, voting RX and associated components.)

**SITE 1:**

	<b>TX</b>	<b>Code</b>	<b>RX</b>	<b>Code</b>
<b>Ch. 1</b>				
<b>Ch. 2</b>				
<b>Ch. 3</b>				
<b>Ch. 4</b>				
<b>Ch. 5</b>				
<b>Ch. 6</b>				

**SITE 2:**

	<b>TX</b>	<b>Code</b>	<b>RX</b>	<b>Code</b>
<b>Ch. 1</b>				
<b>Ch. 2</b>				
<b>Ch. 3</b>				
<b>Ch. 4</b>				
<b>Ch. 5</b>				
<b>Ch. 6</b>				

### SITE 3:

	TX	Code	RX	Code
Ch. 1				
Ch. 2				
Ch. 3				
Ch. 4				
Ch. 5				
Ch. 6				

### SITE 4:

	TX	Code	RX	Code
Ch. 1				
Ch. 2				
Ch. 3				
Ch. 4				
Ch. 5				
Ch. 6				

#### 30. Special-unique customer's requirements-requests

(Note any requirements, configurations or parts necessary to assist us in your system design. IAS can configure and design your system utilizing the specific controllers, panels, desk sets, RF combining equipment, transmission line and interfaces you prefer. IAS also provides console systems custom configured for your application.)

**Once the form has been completed please e-mail completed form to: [ias@icomamerica.com](mailto:ias@icomamerica.com) or you can fax the completed form to: (425) 586-6321.**

**SYSTEMS FOR PEOPLE WHO MAKE SMART CHOICES**

#### **Icom America Systems**

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