TELEWAVE System Engineering Request

Company Name:		Request Date:	
		How Hear About Us:	
Contact Name:		Quote Require Date:	
Contact Phone:		Expect Order Date:	
Contact Email:			
End User / Project:			

Describe or draw the Requested System on page two (attach supporting drawings or docs if needed)

	Check if Yes			
System to be Expanded?	Y [ ]	*Indicate known expansion frequencies in the freq. table below*		
Trunked System?	Y [ ]	Trunk System Type:		
Digital Modulation?	Y [ ]	Modulation Type:		
Radio Type Transceiver?	Y [ ]	Expected TX Duty Cycle %		
TX PWR Monitor Needed?	Y [ ]	*Describe requirements on page two*		
TX Power Alarm Needed?	Y [ ]	*Describe requirements on page two*		
RX Preamplifier Needed?	Y [ ]	Power (12/24/48vdc - 115/220vac):		
		Desired Pre-Amp type / gain / NF:		
Antenna/s Needed?	Y [ ]	*Describe requirements on page two*		
Antenna Duplexed?	Y [ ]			
Rack/s – Cabinet needed?	Y [ ]	Open/Enclosed:	Height Inch:	

Rack space required for some horizontally mounted VHF/UHF cavities is 30" to the back, 6" to the front. Cavities for frequencies below 108 MHz must be mounted vertically inside a rack or mounted externally.

Default Rack width for horizontal mount 10 inch cavities is now 19 inches. The 24 inch rack is obsolete.

System Frequencies (indicate frequencies that are alternates, optional or are for possible expansion)				
#	Use / Name/ Description / Duty Cycle / Etc.	RX Freq.(MHz)	TX Freq.(MHz)	TX (Watts)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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Describe or draw any additional information that would help us to design your project, such as:

- Any existing/needed antenna configuration (type, pattern, gain, physical separation Horz/Vert)

- Any local high power TV/FM broadcast, Paging, NOAA weather, etc. transmitters (Freq & Power)