Rapidly Deployable Low-cost Telecommunications Tower

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Tower options

Self-supporting

• Climbable
• 10 sq ft antenna
• ~ $2500 - $3000 for 50ft
Tower options

Guyed Towers
- Climbable
- 11 sq ft antenna
- ~ $2000 for 50ft
Tower options

Guyed mast
- Not Climbable
- 3 sq ft antenna
- ~ $800 for 50ft
Purchased Mast
Rotating section
Rotating Mechanism
Rotating Mechanism
Raised Mast
Going Forward

• Documenting procedures, “tricks of the trade”
• Making rotator components more plug-and-play
• Enabling the entire mast to rotate
• Vertical alignment