



# PROPOSAL KIT SAMPLE

## Drone Delivery in Disaster Area Sample Proposal

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Patricia Huerta  
CEO  
International Assistance Agency  
95 Peace Circle Drive  
Suite 100  
Washington, DC 20009

Dear Ms. Huerta,

Thank you for your organization's continuing service to disaster victims around the world.

Because you have used The Technical Aid Team's services in crisis situations in the past, we wanted you to know that our services are still available to help re-establish communications and vital computer operations in disaster areas.

However, the main reason I am reaching out to you today is to introduce you to an exciting new option we are offering to disaster relief organizations: drone delivery and surveillance services. Yes, our technical experts wire and code and assemble technology on the ground, and now we're using technology in the air, too.

As you know, the extent of a disaster can be hard to gauge in the beginning, and often it's difficult to find victims who need assistance. Drone surveillance can help with that. It's much cheaper and safer to fly a camera-mounted drone over an area than it is to send a helicopter or a plane.

When disasters cause roads to be impassable, it can be nearly impossible to get needed supplies to victims in a timely fashion. Drones can assist in this effort, too.

We hope you find all the information enclosed here to be useful and even inspirational. When you need drones to do the job in a crisis situation, please call on The Technical Aid Team. While we never look forward to disasters, we look forward to working with your organization in the future.

Sincerely,

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# PROPOSAL

## **New Drone Surveillance and Delivery Services for Disaster Aid**

Prepared for: Patricia Huerta  
CEO

Prepared by: Will Ladner  
Outreach Coordinator



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# EXECUTIVE SUMMARY

Why consider drones in a disaster situation?  
Consider the following information.

*Drones are a cost-effective way to speed up assistance to victims*

## Your Objectives...

- Analyze the extent of the disaster
- Locate victims and continuing danger in the disaster area
- Render aid as soon as possible

## Your Goals...

- Create a plan to stabilize the situation and help inhabitants recover
- Re-establish critical communications and power networks
- Deliver food, water, medical aid and shelter as needed for victims

## The Solution...

No one method can handle all the problems in a major disaster. But adding drones to the mix of aid services can help in the following ways.

- Use cameras mounted on drones to film and record the extent of the disaster for immediate and future aid planning. Filming can also assist in locating victims.
- If needed, use drones to deliver satellite phones to victims to establish communication with aid workers.
- Use drones to deliver critical supplies to victims.

## Summary

Drones are a cost-effective way to speed up assistance to victims in almost any disaster situation.



# DISASTER RELIEF

When disaster strikes, time is of the essence. It's necessary to scope out the situation and get food, water, and medical supplies to victims as quickly as possible.

But often conditions make that task nearly impossible with conventional equipment. Roads may be rendered impassable by natural disasters and landing areas may not be accessible by standard aircraft. Areas affected by violence may be too dangerous to risk the lives of your key personnel.

Heavy-duty drones can lift loads up to 20 kilograms and can be piloted from a safe area. A drone can carry lifesaving supplies for victims, and drones with cameras can aid in search missions to find missing personnel.

Drones can be a valuable addition to any disaster relief effort.





# SUPPLIES

The Technical Aid Team has configured the following common relief packages for delivery by our drones. Note that substitutions can be made when weight restrictions allow, and specialized packages may be configured as needed.

Package Description	Notes
<b>40 one-liter plastic bottles of water + powdered supplement packages</b>	An average of 3liters of water per day per person is recommended.
<b>Medical supply kit – Contains a variety of antibiotics, dressings, bandages, pain relievers</b>	Combining this with the surgical kit (listed below) is often needed for complete medical readiness
<b>Food rations – Contains instant rice and oatmeal, freeze-dried meat and vegetables, vitamin supplements for 10 people for one day</b>	This package comes in varieties that correspond to religious dietary restrictions.
<b>20 Meals Ready to Eat (military issue MREs) with flameless heaters included in packages</b>	Each meal contains a main dish and side dishes, and each package contains a flameless device to heat the meal. A variety of menu options is available.
<b>10 heavy synthetic blankets and 20 metallic emergency blankets</b>	Heavy duty blankets are made from synthetic materials to retain warmth in damp conditions as well as washability.
<b>10 satellite cell phones, battery pack chargers, and instructions</b>	When cell towers are down, delivering satellite phones to victims is the fastest way to establish communication
<b>10 hand-crank radios and 10 hand-crank lights</b>	When no electricity is available, this package can re-establish daily communications and ensure safety after dark.
<b>Surgical kit – scalpels, sterile dressings, suture kit, antibiotics, anesthetics,</b>	This kit may be used for up to five basic surgery procedures.



<p><b>syringes, sterile gloves and masks, IV equipment</b></p>	
<p><b>3 large tents, each suitable for four people</b></p>	<p>Combine this package with other listed items to create temporary living quarters for victims</p>
<p><b>10 cell phone charge battery packs</b></p>	<p>In areas where victims are likely to have cell phones but no access to electricity, this package can re-establish communications</p>
<p><b>Miscellaneous supplies</b></p>	<p>Nearly any combination of supplies can be packaged for delivery by our expert staff, as long as total weight of each load does not exceed 20 kilos.</p>

**Notes**

For maximum success, each load should be packaged by our staff. We know how to best protect our payloads and our drones so that packages are delivered with all items intact and usable. See the Payload page for guidance on the size of items that can be packed in our specially configured delivery boxes.







# DISTRIBUTION

Our drones can deliver services worldwide. Drone drop zones or surveillance destinations must be within a maximum range of up to 20 miles from the drone pilot's location, and distance may be limited by weather conditions or interference with GPS satellite signals.

To activate a drone response team, please call the The Technical Aid Team office shown below that is closest to your emergency site.

## United States and Canada

- Philadelphia, PA office (covering the northeast portion of the US and the eastern portion of Canada)

555-555-5000

- Atlanta, GA office (covering southeastern continental US, see Puerto Rico below for U.S. territories in the Caribbean area)

555-555-3000

- Seattle, WA office (covering western U.S., western Canada, and Pacific area)

555-555-2000



## International

- Puerto Rico office (covering Caribbean countries and U.S. territories)  
555-555-4000
- Mexico City office (covering Mexico, Central America, and South America)  
555-555-6000
- London, UK office (covering Europe)  
555-555-7000
- Hong Kong office (covering Asia)  
555-555-9000
- Nairobi, Kenya office (covering Africa)  
555-555-5500





# RESPONSE TIME

In many situations, The Technical Aid Team can have an emergency team on-site within thirty hours of notification, assuming that transportation for personnel and equipment is available in a timely manner. Assembly of drones on-site takes only minutes, and deliveries can often begin within an hour.

We can deliver a variety of prepackaged emergency supplies within hours of personnel arrival. Specialized shipments will take longer to assemble and prepare for drone delivery. For most efficient results, call the The Technical Aid Team office closest to the emergency area.

Note the following conditions that may affect response time and drone flying abilities.

- **Major Earthquakes**

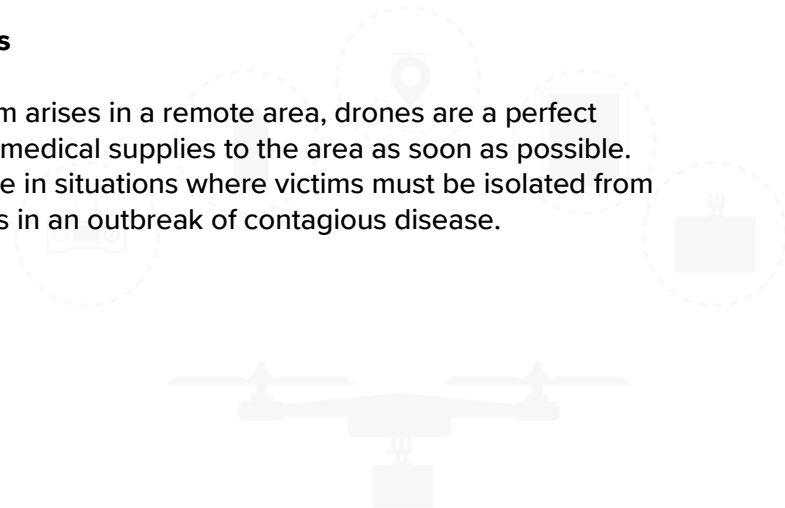
If airports are usable in the affected area, response time can be quick. Earthquakes do not generally affect drone flying abilities.

- **Tornados, Typhoons, Hurricanes**

Most aircraft, including drones, cannot fly when storm conditions persist aloft, and our drones must be able to receive satellite signals, so skies cannot be obscured by thick cloud cover. As soon as winds, lightning, and heavy rains pass, our drones can take off on their missions.

- **Emergency Medical Situations**

When a critical medical problem arises in a remote area, drones are a perfect solution to get equipment and medical supplies to the area as soon as possible. Drones are particularly effective in situations where victims must be isolated from the general population, such as in an outbreak of contagious disease.



- **Battle Zones**

Conflict areas and war zones are often too dangerous to send rescue personnel into, but drones can provide surveillance and deliver supplies to trapped victims. Note that there is a greater possibility that drones may be shot down or disabled in some way, but even in the event of capture by hostile forces, enemies do not have the ability to fly the drone without the control panel.

## Summary

In most conditions, a drone response can be activated much more quickly than sending in your valuable personnel.



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- 2) Click the Pick Documents button then click the View Samples tab.
- 3) Select the title of this (or any other) sample and click the Import Content from Selected Sample button.
- 4) Customize the chapter list as needed to suit your situation. You can add additional chapters from the library of 2000+ topics, reorder chapters, remove chapters.
- 5) When you save your project, the Wizard will build you a custom version of this sample in the visual design theme Proposal Pack you purchased applying all your customizations (logos, font types, color schemes, contact information, etc.).
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