COSTA RICA RAINFOREST CAMERA PROJECT

Introduction:

Each year that passes on Cerro Nara, Costa Rica (Puntarenas, Costa Rica—Cerro Nara Region), abundant wildlife and endangered species live in the wildlife refuge, within the conservation lands of the protected zone of Cerro Nara mountain. The responsibility of wildlife protection has fallen to the four main property owners, which are encompassed by the Pro Nara Association, and projects implemented and managed by Team Cerro Nara, 501c.3 (California and Costa Rica) The landowners are group of dedicated conservationists, who have taken it upon themselves to regenerate the land for the past 30 years.

The landowners, who have registered their properties in the Zona Protectora de Cerro Nara, work continuously together to enforce the government's own law in their absence. There is almost zero direct protection from the authorities, who have mostly abandoned the pursuit to regulate and manage the poaching of the lands. They do not adequately prosecute the poachers. Because of this, these laws have historically been almost entirely enforced by local property owners in the Pro Nara association, who have afforded local caretaking, planting of trees, rehabilitation of land, and wildlife protection, all at their own cost.

Every day there is limited protection for the animals against the poachers, who move throughout the lands on secret trails killing animals for money and sport. While the finances of the property owners have afforded abundance, they have never been able to provide adequate protection via security cameras over the vastness of the land. In summary, the area can be observed better, studied, and protected with the use of cameras directed at animals and poaching activity.

Currently, a list of cameras and network infrastructure is ready to implement. We have identified equipment with our expert tech team, and ready to ship equipment onsite to Costa Rica. Volunteers, and landowners are onsite in Costa Rica to install the network and cameras within the rainforest. This will allow us to begin observation of both animals, and poachers on Cerro Nara Mountain; in an effort to spread awareness and better protect the environment. We have already hired the experts to set up the network, and manage forest cameras long-term from California, and onsite in Costa Rica.

Team Cerro Nara, 501c.3 (California USA and Costa Rica) works onsite in Costa Rica to manage onsite work, housing volunteers each month, and it's Board of Directors members are landowners and live part time in Costa Rica to oversee ongoing projects. This Camera Grant will allow our team to purchase and set up the infrastructure and a few test cameras, leading to a 2nd grant proposal to increase camera installations. The main purpose for this grant, is our constant effort to deter or catch poachers, and give this information to the Costa Rica authorities for prosecution of violators.

Contact: Stessa Thompson at: stessa@teamcerronara.org with any questions regarding this grant proposal and logistics in Costa Rica, support and inquiries for Team Cerro Nara, 501c.3.

We are seeking an immediate grant within Q3 of 2024, by month of July 2024, as we are prepared to test the forest cameras in the field, and have 5 volunteers onsite with landowner Robert Buckter and staff to install.

This Camera Grant includes the full cost of buying the equipment, shipping to Costa Rica, labor to set network up, volunteer support to install cameras in the forest, overhead costs associated with maintaining, and overhead costs.

We hope that you share our compassion for nature and wish to help this comprehensive project take shape in Costa Rica. The footage and results will be broadcasted on social media and vlogging networks such as YouTube, with a watermark indicating contributions from our donors. We will be using footage from the forest cameras, for inclusion in a documentary series, with in kind marketing opportunities for our donor organizations.

Cameras, Network Infrastructure, and Security Systems Cost Breakdown:

	Light Speed Systems Updated 11-2023					
Name	**Description**	**Qty**	**Units**	**Price**	**Ext Price**	**URL**
Trail Cameras, Solar, Mounting						
4G Trail Camera	Multi-Carrier, GPS, Battery, Streaming	4	Hardware	$350.00	$1,400.00	https://a.co/d/0LMJhCq
4G Trail Camera Warranty	3-Year Protection Plan	4	Hardware	$40.00	$160.00	https://a.co/d/6zDJ5AX
Camera Solar Battery Kit	Vendor compatible solar panel and battery bundle	4	Hardware	$215.00	$860.00	https://a.co/d/bIBxAVM
Camera Solar Kit Warranty	3-Year Protection Plan	4	Hardware	$25.00	$100.00	https://a.co/d/9tzK7VD
SD Card	32GB Class 10 SD Cards 5-Pack	1	Hardware	$35.00	$35.00	https://a.co/d/ePhL1aZ
Camera Mounting Strap	Universal strap with mount gimbal	4	Hardware	$15.00	$60.00	https://a.co/d/ePhL1aZ
Steel Locking Cable	Generic Master Lock Steel Cable Camo Trail Lock	4	Hardware	$21.00	$84.00	https://a.co/d/7Ru8NB9

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AA Batteries	12-Pack, AA Batteries, Lithium Ion, Rechargeable, USB Port on Battery	4	Hardware	$72.00	$288.00	https://a.co/d/fTvIk4L
Tax/Shipping	Tax and Shipping 15%	1	Hardware	$1,059.22	$107.70	
Networking						
Cellular Modem	NetGear 4G LTE Broadband Modem	1	Hardware	$150.00	$150.00	https://a.co/d/iRDR1U6
Cellular Modem Warranty	3-Year Protection Plan	1	Hardware	$25.00	$25.00	https://a.co/d/9tzK7VD
Firewall Router	FortiGate 60F Firewall Router VPN	1	Hardware	$450.00	$450.00	https://a.co/d/9Havn1n
Firewall Router Warranty	3-Year Protection Plan	1	Hardware	$65.00	$65.00	https://a.co/d/6MuaVXj
Point to Point Microwave	Ubiquiti UniFi Microwave Point To Point Radios	3	Hardware	$265.00	$795.00	https://a.co/d/a1fPqIo
Microwave Warranty	3-Year Protection Plan	3	Hardware	$40.00	$120.00	https://a.co/d/fhHCRwQ
Microwave Pole Mount Kit	Generic Microwave Mount Kit for short buildings	3	Hardware	$40.00	$120.00	https://a.co/d/9INbciU
Starlink Modem	Starlink Modem Antenna Bundle	1	Hardware	$600.00	$600.00	https://a.co/d/5EYPXCg
Starlink Adapter	Starlink Ethernet Adapter for Router Firewall	1	Hardware	$60.00	$60.00	https://a.co/d/5EYPXCg
Starlink Backpack	Starlink Molded Backpack for transporting equipment	1	Hardware	$400.00	$400.00	https://a.co/d/0RdTjBS
Starlink Mount	Starlink Mounting Attachment for short building installation	1	Hardware	$120.00	$120.00	https://a.co/d/ahSAgPi
Ethernet Switch	NetGear PoE managed	1	Hardware	$130.00	$130.00	https://a.co/d/ipQ0xbw

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	Ethernet Switch 8-port					
Battery Backup	UPS 1500 Desktop Lead Acid Battery Backup	1	Hardware	$200.00	$200.00	Office Depot
Patch Cords	Patch Cords, Slim-Style, Various Lengths	1	Hardware	$100.00	$100.00	https://a.co/d/iOjJW1Z
Velcro	Velcro straps for securing equipment	1	Hardware	$10.00	$10.00	https://a.co/d/iLEhZvf
Tax/Shipping	Tax and Shipping 15%	1	Hardware	$501.75	$501.75	Dynamic
Service (Monthly Recurring)						
KOLBI SIM Card	4G SIM Card, Prefered Provider in Costa Rica	4	Service	$30.00	$120.00	ICE Store
KOLBI SIM Card	4G SIM Card, Prefered Provider in Costa Rica	1	Service	$30.00	$30.00	ICE Store
Starlink Service	Starlink Monthly Recurring Internet Service Dynamic IP	1	Service	$130.00	$130.00	Online
LSS MSP Support Cameras	Monthly Managed IT Service, Monitoring, Alerting, Maint.	1	Service	$250.00	$250.00	IT Support
LSS MSP Support ISP WISP	Monthly Managed IT Service, Monitoring, Alerting, Maint.	1	Service	$250.00	$250.00	Networking Support
Labor (One-Time)						
Labor Trail Cam	Procurement, Setup, Documentation	2	Labor	$60.00	$120.00	

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	of Trail Camera(s)					
Labor Trail Cam	Installation, Configuration, Testing, of Trail Camera(s)	16	Labor	$60.00	$960.00	
Labor Networking	Procurement, Setup, Documentation of Networking	2	Labor	$60.00	$120.00	
Labor Networking	Installation, Configuration, Testing, of Networking	8	Labor	$60.00	$480.00	
Labor Business Systems	Setup of sites, services, apps, accounts, documenting, guides	40	Labor	$60.00	$2,400.00	
Camera Installation	>>>>>>>>>>>>					
				Total Cameras	$7,061.45	
				Total Network	$3,345.00	
				Total Labor	$1,680.00	
				Total Tax	$609.45	
				Total Sum	$12,695.90	
Camera Network/Install/Services Total						
				Service Monthly	$780.00	
				Service Yearly	$9,360.00	
Total Cameras Phase #1					$22,835.90	
Team Cerro Nara Admin			@$300/mo		$3,600	

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Team Cerro Nara Staff	Volunteers, transport, admin coordination onsite in Costa Rica		$2,000/mo x 2 staff	3 months oversee camera install and volunteer + manage social media upload	$12,000	
Team Cerro Nara Volunteer Costs	First Camera Install-Costa Rica				$5,000	
Volunteer Food/Housing					$10,000	
Total Camera Grant					$38,435	
Total Camera Grant Proposal					$48,435	

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