

Attachment 1

Nanogrid Emergency Residency Trailer Proposal

SESAME SOLAR

TURNKEY NANOGRIDS. SOLUTIONS INSIDE.

September 29, 2022



COUNTY of SANTA BARBARA
COUNTY EXECUTIVE OFFICE

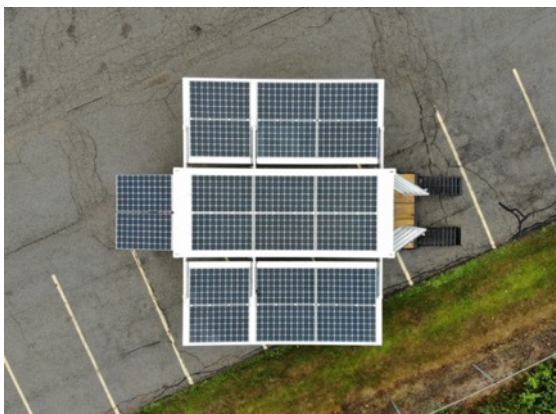
Dear Kelly Hubbard,

We are pleased to present the following proposal for Sesame Solar Mobile Nanogrid: 100% Renewable Power for Emergency Response

Sesame Solar manufactures Mobile, Turnkey Solar + Green Hydrogen Nanogrids pre-engineered with Solutions Inside, and pre-configured for set-up by one person in less than 15 minutes. Sesame Solar Nanogrids are available in two form factors – Dual Axle Trailer and ISO Shipping Container.

Designed for Off-Grid Power, Clean Water, Mobile Offices, Telecommunications and EV Charging can be easily stowed in case of inclement weather or when moving to an alternate location. Sesame Solar Nanogrids have billboard-sized walls that enable important messaging.

Below we have listed the included options and you are able to accessorize as may be needed.



Factory Address - 1300 Falahee Rd, Unit #18, Jackson, Michigan, USA – 49202
Mailing Address - PO Box 284 Douglas, MI 49406



Product Description

Option 1: Sesame Solar Mobile Nanogrid: 100% Renewable Power for Emergency Response

Technical Specifications		
Model No		TN 38
Solar Array Power	kW	6
Total Battery Storage	kWh	38
Inverter Rating – 110/220 VAC	kW	8
Closed Dimensions	Ft.	20 x 8.5
Nanogrid Interior Height	Ft.	8
Fuel Cell	kW	4
Electrolyzer - Production Rate	NL/h	500
Hydrogen Storage	kg	1.2
G.V.W.R Rated	Lbs.	9,990
Form Factor	Dual/ Tri Axle Trailer	
Standard Shipping	Tow using a Pick-up truck	
Installation	Fully configured < 15 minutes	

Included in the Solution

Inside the Nanogrid

Power Outlets (w/ USB) for Device Charging & Export Power	
High top table for Devices	Wheelchair Charging space and point
RV style Air Conditioner	Full size RV style Refrigerator
Lockable Storage	Folding worktables with chairs
Vinyl Flooring and Writeable walls	ADA adjusted ramp/ access
Floating shelves for brochures, handouts, paper etc.	Level II EV Charger
Safety equipment – Gas Sensors, Fire Extinguisher	Cleaning supplies including ladder

Outside the Nanogrid – each side

Foldable workbench with LED Lighting	Power Outlets (w/ USB) for Device Charging
TV and Speaker	Wheelchair Charging points

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List Price

	List Price	Government Price
Sesame Solar Mobile Nanogrid: 100% Renewable Power for Emergency Power - TN 38 -- First Net Gear and 3 Year as per attached proposal --Shipping cost from Jackson, MI to Santa Barbara, CA --Maintenance cost for one year included only. Year 2 onwards cost as listed below	\$ 248,750	\$ 199,000

Maintenance – Fees/ Option for years 2+

Maintenance	
<ul style="list-style-type: none"> Routine preventative, done quarterly <ul style="list-style-type: none"> Maintenance App to track activity Includes on-site visit for 6-8 hrs. Maintenance and refilling fluids Prepare usage report on stored Operational Data Customer support via email within 2 business days 	\$1500/quarter.
<ul style="list-style-type: none"> Corrective 	
Mon – Fri, 08:00 AM – 05:00 PM	\$155/ hr.
Sat – Sun, 08:00 AM – 05:00 PM, Holidays & After business hrs.	\$ 235/ hr.

Terms and Conditions

Payment Terms for each Nanogrid –

- 75% deposit due with Purchase Order or first Invoice
- Next 25% due before Shipping.
- Potential 30% cash rebate per Inflation Reduction Act (IRA).

This quote includes:

- Sesame Solar Mobile, Turnkey Nanogrids.
- Transportation cost from Sesame Solar Inc., Jackson, MI to Santa Barbara County, CA.
- Lead time for Sesame Solar Nanogrids is 60 business days.
- The price is valid for 30 days from the date of proposal.
- Video training for on-site staff, Augmented Reality for product training and ease of use.
- Maintenance App to track regular maintenance of the Nanogrid.
- Poster wrap for entry door.

This quote does not include:

- Additional equipment not listed in the product description.
- Cost of Exterior Graphics and/or signage on the Nanogrid. We can provide an estimate based on design.

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Sesame Solar Nanogrid Mobile Power Solution – Full Deployed Solar Array



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Sesame Solar Nanogrid Mobile Power Solution – Interior Views



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Sesame Solar Nanogrid Mobile Power Solution – Exterior Views



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