

PROJECT SUMMARY — Customer Name SOLAR INSTALL

Live Free Mobile RV

Customer:

Customer Name

Customer Address

City, State ZIP

Customer Cellphone Number

Customer Email

Coach:

EX: 2017 Thor Motor Coach Siesta Sprinter 24ST

PROJECT STATUS

- Proposal delivered and reviewed with customer via follow-up phone call.
- Customer advised he expects to submit down payment before end of week.
- Customer elected to transport coach to Tico Time River Resort in Aztec, NM for installation.
- Original Denver mobile installation option was removed from final proposal.
- Current proposal is fully executable and finalized pending deposit/payment.

INSTALL LOCATION

Tico Time River Resort

20 Road 2050

Aztec, NM 87410

PROJECT OVERVIEW

Complete turnkey upgrade of coach power, security, connectivity, and monitoring systems including:

- Professionally designed 48V Victron-based solar/inverter system
- 200Ah 48V lithium battery bank
- 10.24kWh / 10,240Wh usable energy storage
- 2,000W rooftop solar array
- Advanced Victron monitoring and system integration
- Exterior security lighting upgrade

- Ring camera security system
- Flexible Starlink deployment system
- Full commissioning/testing/programming/customer walkthrough

SOLAR SYSTEM DESIGN

Design consultant:

Dan Hemmings

Customer separately paid Dan for solar system design.

Dan referred customer to Live Free Mobile RV for installation.

PRIMARY SYSTEM COMPONENTS

- (2) 48V 100Ah server rack lithium batteries
- Victron MultiPlus II 48/3000 inverter/charger
- Victron SmartSolar MPPT charge controller
- Victron Lynx Distributor
- Victron SmartShunt
- Cerbo GX + GX Touch 70
- (4) 500W solar panels
- 2S2P array configuration
- Class-T fuse protection
- AC shore power integration
- Existing converter retained for 12V support

SYSTEM DOCUMENTS

Files previously uploaded:

- estimate-2026060.pdf
- Customer Name - Wiring Diagram (48v).pdf
- Roof Layout diagram.pdf

ROOF LAYOUT NOTES

- 4-panel rooftop layout finalized

- Existing rooftop equipment considered
- Starlink placement coordinated with solar layout

STARLINK SCOPE

Customer supplying:

- Starlink Standard dish hardware

Mounting solution:

- Flagpole Buddy ladder mount

Customer requested dual-purpose deployment configuration:

- Dish remains securely mounted during travel
- Dish removable from ground level
- Dish deployable away from coach when tree cover/obstructions interfere with signal
- No routine roof access required

Cable routing approach:

- Exterior cable routing
- Routed beneath slide floor into interior
- Slack stored in baggage compartment
- Designed for flexible field deployment

IMPORTANT STARLINK DISCUSSION

Original concept:

- Permanent hard-mounted Starlink integration using existing solar roof penetrations
- Would have required minimal additional labor/materials

Customer later requested:

- Travel-mounted + removable field-deployable configuration

This substantially increased:

- mounting complexity
- routing complexity
- cable management

- deployment hardware
- strain relief
- retention hardware
- labor time

Additional Starlink charges were explained to customer and documented in estimate summary language.

SECURITY LIGHTING SCOPE

Components:

- (1) 4 Gang Slim Switch Panel Bluetooth RGB AS-400
- (3) 12" 72W LED light bars

Camera System:

- (1) Ring Doorbell Camera
- (3) Ring Outdoor Cam Plus battery cameras

FINAL ESTIMATE STRUCTURE

Estimate #: 2026060

Primary service pricing:

- Premium 48V Solar + Inverter Installation: \$14,790
- Exterior Security Lighting Installation: \$1,250
- Camera System Installation: \$995
- Flexible Starlink Deployment Installation: \$995

Materials pricing:

- Materials & Supplies: \$11,425.89
- Exterior Security Lighting Materials: \$585.87
- Camera System Materials: \$545
- Flexible Starlink Deployment Materials: \$495

Final estimate totals:

- Subtotal: \$31,581.76

- Design pre-payment credit: -\$500
- Tax (Aztec, NM 8.187%): \$1,011.75
- Final Total: \$32,093.51
- Deposit requested: \$14,328.01

IMPORTANT ESTIMATE LANGUAGE

Estimate summary includes:

- fully executable project language
- pricing protection language
- change-of-scope approval requirements
- protection for hidden damage/unsafe wiring/prior undocumented modifications
- Starlink scope explanation and justification

CUSTOMER DECISION FACTORS

Customer chose Tico Time installation because:

- better quality control
- cleaner install environment
- stronger commissioning/testing capability
- lower total project cost vs Denver field deployment

PROJECT EXPECTATIONS

Expected install duration:

- ~4 days
- 10-hour working days assumed in pricing

Primary onboarding items needed after deposit:

- procurement sequencing
- supplier lead-time verification
- install schedule confirmation
- customer arrival logistics
- Tico Time site coordination

- shore power/site requirements
- parts receiving/staging plan
- weather contingency planning
- customer pre-arrival checklist
- deposit acknowledgment email
- onboarding/scheduling email

OVERALL PROJECT NOTES

- Customer appears highly engaged and technically interested.
- Proposal review call went well and significantly reduced uncertainty.
- Customer responded positively to transparency around Starlink scope increase.
- Project represents a strong premium showcase installation opportunity for Live Free Mobile RV.