

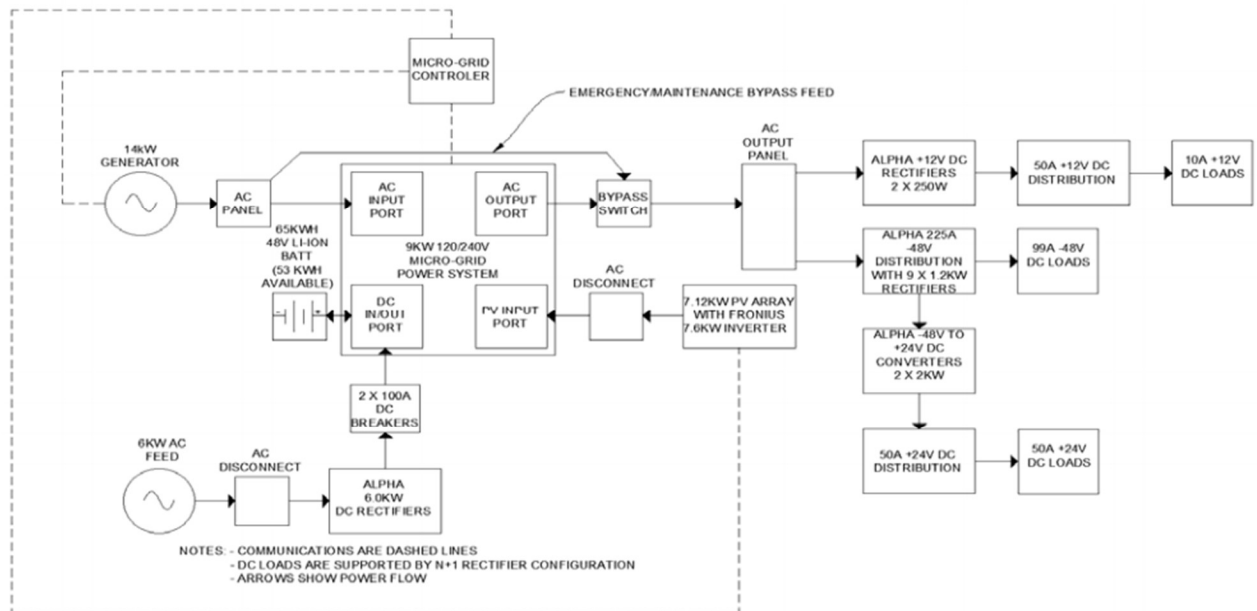


Heather Taylor  
Program Manager  
Communication Systems  
240 S Rock Blvd, Ste. 137  
Reno, NV 89502  
t 775 856 8839

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NSRS - Washoe County  
Quote for Fox Mountain Solar and Backup Power Replacement

1. 9kW Inverter/65kWh Lithium Ion Battery Bank Micro-Grid Package
  - o 2 Cabinets 72" H x 24" W x 27" D
  - o Inverter system is 4 x 2.25kW Modules with space to expand by adding up to 4 extra modules
  - o Batteries rated for 6000 cycles at 90% depth of discharge.
  - o Batteries meet UL9540 (tested to UL9540A)
  - o Additional 35kWh battery cabinet can be added at any time.
2. 7.12kW Longi Bi-facial PV array with 7.6kW Fronius Inverter (AC Coupled to Micro-Grid)
3. Alpha DC Plant in 19" 45RU rack
4. Cordex CXC HP Controller -48V Distribution 400A
  - o -48V Rectifiers
    - 6.0kW Dedicated to AC Feed
    - 10kW Dedicated to AC Load
  - o -48V to +24V DC converters 50A output
  - o +12V Rectifier 250W
  - o 12/24V Split Bus Distribution 100A



Quote Pricing Total: \$385,660.70

- Equipment - \$168,401.25
  - Design includes re-use of existing PV rack with new rails to support PV modules and includes markup for equipment of 25% per System Purchase Agreement
- PV and Power System Installation and Decommissioning - \$194,153.85
  - Services quoted using prevailing wage and includes 3<sup>rd</sup> party vendor mark-up of 32% per System Purchase Agreement
  - Includes removing materials/assets and transporting via truck to a County facility for decommissioning. Travel to the yard is estimated to a yard in Reno, NV.
- Spares - \$10,625.00
  - 3 x LG430W PV Modules
  - 2 x 2.5 kVA Sierra Inverter Modules
  - 1 x 1.2 kW Alpha 48V Rectifier Module
  - 1 x 2.0 kW Alpha 48V to 24V DC Converter Module
  - 1 x 250W Alpha 12V Rectifier Module
  - 1 x 3.0 kW Alpha Rectifier Module
- A&E Services - \$12,480.60 (NTE)
  - Construction Staking
  - Prepare Lease Exhibit
  - Construction Drawings
  - As-builts

5. Assumptions

- The estimate ship date is < 16 weeks after receipt of order.
  - Moving of the existing racks, cables, and equipment in the shelter are not included.
  - Updates to site grounding are not included. Site ground is assumed to be adequate for the new power system. (Engineering review of site ground is required for system compliance to code and for the warranty).
  - Pricing assumes the site is accessible during daylight hours.
  - Pricing assumes a four-man crew for an onsite duration of 14.5 days to complete tasks prior to cutover and transition.
  - Pricing is based off a single site mobilization and that all tasks are completed during this deployment.
  - Proposed costs do not include weather delays, acts of God, or other schedule impacts or delays.
  - Any required permits are not included.
  - Safety and Security systems are not included in the ROM.
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