



Wing Solar & Wood Energy, Inc.
 22040 Manor Lane
 Red Bluff, CA 96080
 (530)527-0557 (800)492-4061
 Fax (530)528-2702

Exhibit KR-4

Estimate

| Date | Estimate # |
|-----------|------------|
| 9/19/2017 | 1534 |

Konrad

Alan Wing: cell (530)736-8528
 alanwing@wingsolar.net
 Gary Cole: cell (530)736-2612
 garycole@wingsolar.net

| | | | Project/PO# | |
|------------|--|-----|-------------|------------|
| Item | Description | Qty | Rate | Total |
| 311-0035 | PV - Inverter 8000 Watt 48Volt 120/240 Grid Tie w/ Battery Backup - OutBack Radian | 3 | 5,017.58667 | 15,052.76T |
| 341-0100 | PV - Load Center w/ FLEXnet DC W/3 shunts, 120/240VAC Inverter bypass, dual AC inputs for Outback Radian GSLC 175-PV-120/240System | 1 | 1,500.79 | 1,500.79T |
| 341-0099 | PV - Load Center w/ 175A Breakers & Inverter Bypass Radian OutBack | 2 | 1,134.37 | 2,268.74T |
| 570-0830 | PV - System Manager for Radian Inverters OutBack MATE3 | 1 | 502.53 | 502.53T |
| 570-0783 | PV - Communications Manager OutBack | 1 | 317.24 | 317.24T |
| IS | Installation Supplies Battery Cabling, wire etc.. | 1 | 3,360.00 | 3,360.00T |
| USRE-L16XC | Battery - 6V 401A 915RC RE US Battery | 32 | 434.0125 | 13,888.40T |
| NT2000GF | Battery - Filling Tank, Gravity 5 Gallon | 1 | 76.44 | 76.44T |
| K2400 | Battery - Cell-24 Filling System for L16 Batteries | 4 | 208.60 | 834.40T |
| 520-0055 | PV - Charge Control 80 Amp MPPT OutBack | 6 | 839.25 | 5,035.50T |
| USE10-1 | Wire - #10 UV USE-2 7 Strand for PV Panels | 900 | 0.35 | 315.00T |
| 501-0021 | PV - Lightening Arrestor AC 12/0/240 V Single Phase | 1 | 73.53 | 73.53T |
| 501-0020 | PV - Lightning Arrestor DC 0-500 V Line | 6 | 70.00 | 420.00T |
| 510-0006 | PV - Array Combiner 6 Breakers or 4 Fuse Holders | 3 | 163.62 | 490.86T |
| 530-0042 | PV - Breaker DC 15 Amp OutBack/Midnite Solar | 28 | 17.16 | 480.48T |
| 110-0980 | PV - Panel 265W, Black Frame, Canadian Solar | 84 | 305.28 | 25,643.52T |
| IS | Installation Supplies Mounting for metal roofing | 84 | 49.32095 | 4,142.96T |
| IS | Battery Box | 1 | 1,200.00 | 1,200.00T |
| UG 30 EX | Generator - 30 KW UG Extreme Machine w/200G Fuel Tank | 1 | 24,437.50 | 24,437.50T |
| | Subtotal of Materials | | | 100,040.65 |

| |
|--------------------------|
| Subtotal |
| Sales Tax (7.25%) |
| Total |

Signature & Date



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| Item | Description | Qty | Rate | Total |
| LABOR | Labor Charges for Services Rendered | 287 | 60.00 | 17,220.00 |
| Help Labor | Help Labor or Travel Time | 63.75 | 50.00 | 3,187.50 |
| Freight | Freight on Parts Shipped | 1 | 600.00 | 600.00 |

| | | |
|--|--------------------------|--------------|
| Quote valid for 30 days from date | Subtotal | \$121,048.15 |
| | Sales Tax (7.25%) | \$7,252.95 |
| Signature & Date _____ | Total | \$128,301.10 |

Kubota Custom UG Extreme Machine 30kW



(Enlarge)

The Custom made Kubota Model UGE-30 Series is a Super Quiet Series generator with 30 kW continuous power output at 60 Hz, tier 4 compliant. These industrial generators are suitable for prime power and standby use. When you require the dependability of an industrial grade generator the UGE Series is for you. Our custom built generators are available in several models from 8.5kW to 250kW available in single and three phase and priced competitively to deliver the performance and value found only on more expensive competitors models. Standard features include an upgraded powder coated weather sound attenuated enclosure, a 2 wire auto start module, a quieter residential muffler, a larger extended run time base tank, an on board circuit breaker, unit mounted solid state regulator, a 2 amp battery charger and a starting battery, battery rack and cables.

United Generator's Super Silent custom built Kubota and John Deere generators provide reliable power to meet the most demanding requirements. We use the same engines as the factory built models and the best Newage / Stamford alternators available. These generators are designed and built to withstand tough environments at construction sites, provide prime power for off the grid applications and dependable temporary clean power at entertainment venues and disaster recovery operations. By utilizing the latest state of the art voltage regulation and the highest quality solid state circuit boards our generators are safe to use with sensitive equipment like computers, cells phones and any where clean power is needed. Our easy to maintain design offers quick access to all drain extensions and filters, which can be cross referenced at any auto store, making routine maintenance even easier.

We upgraded this unit to a quiet residential muffler, mounted it on a 200 gallon extended run time fuel tank, added an electric transfer fuel pump and included a free 2 wire auto start module. We upgraded the enclosure to a sound attenuated aluminum powder coated weather enclosure for longevity, rust resistance and super quiet operation. This unit includes every upgraded feature our customers repeatedly ask for making it turn key ready for a commercial or residential back up or an off the grid primary power source.

This model features a premium Kubota model V3300, 4 cylinder, diesel fueled, liquid cooled engine with electric start. This model runs at 1800 RPM and generates 30 kW (28 kVA) 60 Hz of clean stable continuous power at a primary voltage of 120/240 VAC, single phase, 60 Hertz. Mecc Alte alternator ends (best available) <http://www.meccalte.com/>

The price includes a factory warranty of 24 months

| MODEL | Unit | UGE 30 |
|------------------------|-------|--|
| Type | - | Rotating field single-phase AC generator |
| Frequency | Hz | 60 |
| Standby Output | kW | 30 |
| Prime Output | kW | 28 |
| Voltage - Single Phase | V | 120/240 |
| Armature Connection | - | Series |
| | | 1 |
| Phase Single | - | we can make this a 3 phase model as well |
| Power Factor | - | 1.0 |
| No. of Poles | - | 4 |
| Insulation | Class | Rotor coil: class H |

| | | |
|--|--------------|---|
| Type of Coupling | - | Direct coupled |
| AMPS | | |
| Single Phase 120V | A | 2 X 125 |
| Single Phase 240V | A | 125 |
| NO. OF RECEPTACLES = 0. Connections are made via hardwire to circuit breaker | | |
| 5-15R (GFCI) | - | - |
| 5-20RA (GFCI) | - | 0 |
| 6-15R | - | - |
| L5-30R | - | 0 |
| L6-30R | - | - |
| CS-6369 | - | 0 |
| TERMINAL | | |
| Terminal | - | NA |
| DIESEL ENGINE | | |
| Type | - | Vertical, liquid-cooled, 4-cycle diesel engine |
| Model | - | V3300 N |
| No. of Cylinders | - | 4 |
| Bore x Stroke | (in.) | (3.86 x 4.33 |
| Displacement | (cu. in.) | (202.53) |
| Engine Speed | rpm | 1800 |
| Continuous Rated Output | Kw | 30 |
| Lubricant (API classification) | - | Above CF grade |
| Oil Capacity | L (qts.) | 9.5 (10.0) |
| Coolant Capacity | L (qts.) | 7.8 (8.2) |
| Starting System | - | Electric - 12 volt DC |
| SET | | |
| Fuel | - | Diesel fuel No.2 (ASTM D975) |
| | at Full Load | (gal./h) |
| | | (gal./h) |
| Fuel Consumption | at 3/4 Load | (1.64) |
| | at 1/2 Load | (1.18) |
| | at 1/4 Load | (.83) |
| Fuel Tank Capacity | gal. | 200 |
| Continous Operation Hours | at Full Load | h |
| | at 3/4 Load | h |
| | at 1/2 Load | h |
| | at 1/4 Load | h |
| Battery (Ah/5h) included | - | (12V x 64Ah) |
| Dimensions genset mounted on 200 gal fuel tank L x W x H | (in.) | 71 x 30 x 55 |
| Approx. Net Weight | (lbs.) | 1800 |
| Sound Level (Full Load at 23 ft. [7m]) | dB (A) | 64.0 |
| Emergency Stop System | - | In case of abnormal: oil pressure, water temperature, fan belt broken |