



RESOLUTION No. **20-344**

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION AUTHORIZING THE CAPITAL ASSET PURCHASE OF AN EMERGENCY BACKUP GENERATOR SYSTEM FOR THE ERIC ROOD ADMINISTRATIVE CENTER IN THE AMOUNT OF \$178,048 PLUS A CONTINGENCY OF \$3,000 FOR A TOTAL COST OF \$181,048 AND AMENDING THE FISCAL YEAR 2020-21 CAPITAL FACILITIES BUDGET (4/5 AFFIRMATIVE VOTE REQUIRED)

WHEREAS, the Nevada County Eric Rood Administrative Center (ERAC) provides essential services to County residents with many departments critical to public safety; and

WHEREAS, the Office of Emergency Services received a onetime grant to help mitigate the impact of the Public Safety Power Shut Off in Fiscal Year 2019-20 in the amount of \$375,514 which will fund the purchase; and

WHEREAS, currently there are two generators that serve the Eric Rood Administrative Center (ERAC) providing back up power to the main server room, the Sheriff office area, the HVAC system and fire pumps; and

WHEREAS, the new generator will be larger and able to provide power to the entire building during a power outage; and

WHEREAS, the generator will be purchased through a Sourcewell cooperative purchasing contract from Bay City Electric Works and does not require competitive bidding.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Nevada, State of California, hereby directs that:

1. The Board approves the capital asset purchase of a Kohler 500REOZJ Emergency Generator System from Bay City Electric Works in the amount of \$178,048 plus a \$3,000 contingency for a total cost of \$181,048.
2. The Purchasing Agent is authorized to sign all documents relating to the purchase.
3. The Auditor-Controller is directed to release \$181,048 from the Unassigned Fund Balance of the General Fund and amend the Fiscal Year 2020-21 Capital Facilities budget as follows:

Increase:
0101-10801-416-1000/540600

\$181,048

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 28th day of July, 2020, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Susan K. Hoek and Richard Anderson.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: _____

Julie Patterson Hunter

Heidi Hall

Heidi Hall, Chair

7/28/2020 cc: Facilities*
Purchasing*
AC*

June 30, 2020



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REFERENCE: Nevada County - ERAC - 500REOZJ
EMERGENCY GENERATOR SYSTEM
BCEW # 120784R2

Bay City Electric Works in conjunction with the Sourcewell contract #120617 KOH is pleased to offer the following Kohler generator system for your use on the referenced project. This proposal includes the equipment and testing per your verbal request. The clarifications, technical exceptions and/or exclusions are noted within this proposal.

Major system components include:

One (1) UL2200 Listed Kohler model 500REOZJ diesel powered generator set, rated for standby duty at 500 KW, .8 PF, 625 KVA, 277/480 Volt, 3 phase, 4 wire, 60 Hertz, 1800 RPM, outdoor in weatherproof sound attenuated enclosure with 2644 gallon diesel fuel tank rated for approximately 72 hours at full load.

500REOZJ with Sound Enclosure and 72 Hour Tank List Price - \$168,881.00

Sourcewell Member Discount 27% (\$45,597.87)

Sourcewell Member Price, FOB Kohler, WI - \$123,283.13

Sales Tax - 8.375% (based on delivery to Nevada City, CA) - \$10,324.96

KCP-DMTC-1600S Automatic Transfer Switch List Price - \$34,746.00

Sourcewell Member Discount 30% - (\$10,423.80)

Sourcewell/NJPA Member Price, FOB Kohler, WI - \$24,322.20

Sales Tax - 8.375% (based on delivery to Nevada City) - \$2,036.98

Start-up \$3,900.00 Distributor List less 5% = \$3,705.00 Sourcewell Member Price

Four (4) Hour On-Site Load Bank Test - \$2,500.00 Distributor List less 5% = \$2,375.00

Freight \$12,000.00 - (estimated)

13625 Danielson Street, Poway, CA 92064 (HQ)
860 Lawson Street, City of Industry, CA 91748
322 Lindbergh Avenue, Livermore, CA 94551
Phone - 866.938.8200 Fax - 619.938.8217 (SD)
www.BCEW.com

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500REOZJ-CP1

Includes the following:

GM76157-GA2
279989
GM19874-KA1
333708
GM78808-MA2-BLK
GM75802-MA2
GM75803-MA2
GM75806-MA2
GM105023-MA4-BLK
GM105024-MA1
GM105965-AA16
GM105680-KA4
GM105966-AA10
GM95811-CA1
GM95811-5C
GM77328-TA9
GM79420-TA1
GM58956-TA61
GM58956-TA65
GM61192-TA24
GM85356-TA2
GM61332-TA1
GM95811-CA2
GM95811-8C
GM111394-KA3
GM64605-TA10
GM64606-TA4
GM64608-TA5
GM78841-TA1
GM83850-TA1

500REOZJ Generator Set

500REOZJ, 24V, 60Hz
Nameplate Rating, Standby 130C
UL2200 Listing
Voltage, 60Hz, 277/480V, 3Ph, 4W, 0.8PF
Alt & Mtg, 5M4027, Isol. Mtd, 12Lead
Unit Mounted Radiator, 50C
Skid & Mounting, 5M
Air Intake, Std. Duty
Controller & Mtg, APM603, 2000A
Control & Harness, APM603
Software, Base, 500REOZJ
Switch, Key
Software, Parameter, Key Switch
Fuel Tank 12-72 Hour Configurable
Fuel Tank 72 Hour Configurable
State Tank, 2644 Gal.
Tank, Beam Skirting
5 Gal Spill Containment w95% Shutoff
Containment Extension
Fuel Alarm Panel, 31 To 39 In
Normal Vent 12' /W Spill Fill
NFPA 704 ID
Configurable Enclosure
Enclosure Sound Steel - **76dB(A) @ 23 feet**
Basic Electrical Package, 1 Ph
Wire Block Heater, (2500W, 208/240V, 1Ph)
Wire Battery Charger
DC Light Package
Viewing Window, Steel Sound
Encl Assy, Sound L2 Steel

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GM77633-TA1	Skid Extension, Sound Level 2
GM77890-TA1	Damper, Gravity Discharge Alum
GM78688-TA1	UL Tested Label & Approval w/Genset
GM83011-TA1	E-Stop Assy, Sound L2 Steel
GM105966-AA11	Software, Fuel Level
GM75809-KA3	Block Heater, 2500W, 210/240V, 1Ph
324588	Battery,2/12V,950CCA,Wet
GM105966-AA9	Software, Parameter, 15 Relay Board
GM94922-KA1	Battery Charger 12/24V-10A
GM105966-AA3	Software, Param, 10A Battery Charger
272800	Generator Heater,120/240V,500W
GM105680-KA7	Run Relay, 24 VDC, 10A, 3PDT, THT
GM105680-KA3	Dry Contacts, 14 SPDT 10A & 1 DPDT 2A
GM105680-KA1	Failure Relay / Single Dry Contact
GM80939-CA1	Breaker 1 Right Components
GM78501-KA1-KCB	Panel, J-Box Closure
GM78500-KA2-KCB	Panel, J-Box Barrier
GM78510-KA1	Bus, Load
GM80939-CA5	Breaker 1 Left Components
GM78501-KA1-KCB	Panel, J-Box Closure
GM78500-KA2-KCB	Panel, J-Box Barrier
GM80939-CA9	Breaker Accessories (All Breakers)
GM75926-KA2	Neutral, Lead
GM78502-KA1	Bus, ABC Lead
GM82664-KA2	Decal, Neutral (Unbonded)
GM75791-KA1	Flexible Fuel Line
GM75793-KA1	Air Cleaner Restriction Ind.
GM75794-KA1	Crankcase Emissions Canister
GM28625-KA8	Coolant in Genset 17 gals.
258811	Power Factor Test,0.8,3Ph Only
221669	Warranty, 2 Year Basic

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Detailed Information

Part Number	Description
ATS1500-CP1	KCP-DMTC-1600S
Includes the following:	
GM87000-CA2	KCP Contactors
GM20394	Contactor,PT,1600A,3P,440-480V,None
GM46749-KA1	Enclosure, ATS1600-2000A.RearConnNEMA3R
GM21565-KA2	Neutral Assembly, 2000A
GM89839-MA4	MPAC 1500 - Prog & Closed Transition
GM46888-KA1	Programmable Input/Output Module
GM21311-KA1	Field Connection Block
GM46258-KA1	Input/Output Mounting Module Assembly
221929	Warranty - ATS, 2 Year Basic
362188	Export Packing-ATS 1600-4000A PT
601-30-316	Packing material - ATS

Miscellaneous

Part Number	Description
GM74974-TPL8	Stairs&Catwalk,Freestand, 2 Doors, Full
GM103794-KP2	Battery Heater, 120V, 2/80W
PA-293906	Remote Emergency Stop Switch
GM81199-KP	Lit Kit, General Maintenance, 500REOZJ
GM91356-KP2	RSA III, ATS Annunciator
GM41141-KP1	Windows Monitor III Software
GM41143-KP2	Converter, Modbus to Ethernet
GM101578-KP	Lit Kit, ATS Production, KCS/KCP/KCC

Jobsite inspection, initial startup, and initiation of warranty, by a Bay City Electric Works field technician during normal working hours Monday through Friday 7:00 a.m. to 4:00 p.m. Testing will utilize building load unless the specification states otherwise. Fuel for testing is excluded. Any jobsite orientation and training of operating personnel to be done at the time of startup.

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Kohler limited generator warranty, effective from date of startup, for:
2 year or 2000 hours (whichever occurs first) as published in Kohler Brochure.

Kohler limited ATS warranty, effective from date of startup, for:
2 year as published in Kohler Brochure.

Generator Price: FOB Factory with freight allowed to your jobsite. Offloading and placement of equipment is excluded. All deliveries are Monday through Friday 7:00 a.m. to 4:00 p.m. Deliveries outside the normal business hours will be invoiced as necessary.

AQMD Permit is not included. To be provided by others. Contact ProActive Consulting Group at 714-893-7900 for Permit application processing information and pricing.

ADDERS:

A PM Filter may be required as detailed below in "Quotation Notes." The jobsite address and generator location is not always sufficient to determine if one will be necessary. The generator needs to be further than 50 meters from the nearest "sensitive receptor" as defined below and further than 100 meters from the nearest K-12 school.

Quotation Notes:

1. Applicable taxes have not been included.
2. Air quality permit fees and compliance are excluded. Local air quality authorities may require a health risk study or environmental quality assessment. The cost for a health risk study is excluded.
3. Any additional equipment required as a result of the Air Quality Management District (AQMD or APCD) permit application will be quoted separately. Air quality requirements are ever changing and vary based on jobsite location. BCEW is quoting the latest Tier compliant generators to meet State and Federal regulations unless otherwise noted. It is the customer or end users responsibility to obtain all permits related to the installation and operation of the equipment quoted herein. All permits must be obtained prior to installation of the equipment.
4. "Engines located on or near school grounds: New Stationary emergency standby diesel-fueled engines (>50 bhp) located on school grounds or 100m or less from a school which exists at the date the application for Permit to Construct or Permit to Operate is deemed complete, whichever is earlier shall emit diesel PM at a rate less than or equal to 0.01 g/bhp-hr" which means that a PM Filter will be necessary. If the generator is within 100 meters of a Kindergarten-12th grade school and there is not a price for a PM Filter on this quote please contact your salesperson immediately.

5. Some local AHJ's will require field inspections, additional testing, interconnection with a Fire Alarm system or BMS, or verifying functionality on certain components/alarms/monitoring. We are bidding to the plans and specifications provided and cannot cover any and all potential testing that may be requested by AHJ's. We do our best to be an expert on all local requirements but we have a huge territory and requirements are ever changing. We are bidding to a design spec for a project awarded based on pricing. It is the responsibility of the Consulting/Specifying Engineer to provide the required information to bid the project properly. Typically the testing/inspection does not require attendance by a BCEW technician but in certain instances it does. Please contact us with the specific requirements in writing that apply to your project (from your approved fire permit, County HazMat permit or your inspection corrections) once you have them and our Service Department can quote it accordingly.
6. Quotation will be held firm for 30 days. This quote may be modified and/or rescinded by BCEW at its sole discretion unless the quote is accepted before the expiration date.
7. On-site installation work is excluded.
8. Fuel, initial fuel fill and fuel for testing is excluded.
9. No special lugs included in our quotes unless specifically identified on our proposal. You will receive the standard lugs for the provided breakers.

Terms and Conditions:

1. Terms of payment are net 30 days from factory shipment, upon approval of credit department.
2. Materials will be invoiced date of shipment from factory.
3. Acceptance of purchase order is based on materials quoted.
4. 1.5% per month on unpaid balance will be assessed if not paid within terms.
5. Terms for retention and liquidated damages will not be accepted.
6. The following charges may be assessed for cancellation of any order:
 - 10% of total order price if cancelled after we have provided submittals and prior to releasing for manufacture.
 - 25% of total order price if cancelled after release to order, or if the equipment is already on order with the factory.
 - 50% of total order price if cancelled less than 60 days before the scheduled shipped date.
 - 100% of total order price if cancelled after the equipment has shipped from the manufacturing plant.

Lead Times:

1. Submittals can be provided within 10 working days from receipt of your order.
2. Current factory lead-time for the generator is 16 - 18 weeks from release for production.
3. Current factory lead time for the Automatic Transfer Switch is 12 - 14 weeks from written release for production.
4. If the particulate matter filter adder is required/selected it will add 3 - 4 weeks to the lead time of the generator.

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We appreciate this opportunity to offer our equipment for your consideration. Please call if you have any questions or if I can help in any way. Bay City Electric Works wants to be your Generator System Supplier.

Best Regards,

Doug Tostenson
Industrial Sales Executive
916.844.4547 cell
dtostenson@bcew.com

TO LEARN MORE, VISIT OUR WEBSITE AT WWW.BCEW.COM
NORTHERN CALIFORNIA SALES - SERVICE - PARTS - CONTACT

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The authorized purchaser identified below accepts this proposal and agrees, upon acceptance of this contract by Bay City Electric Works, to purchase and pay for the equipment, accessories, and service in accordance with the terms and conditions set forth above.

Company name: _____

Purchaser name and title (please print): _____

Purchaser signature: _____

Date: _____ Purchase Order # _____

Delivery Date Requested by Purchaser: _____

If a delivery date is not provided, BCEW will postpone the release of product orders with its respective vendors until the date is provided in writing. It is the sole responsibility of the Purchaser to provide a delivery date within the current factory lead times.

PLEASE INCLUDE PRELIM INFORMATION WHEN ISSUING A PURCHASE ORDER.

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OF EMERGENCY SERVICES

MARK S. GHILARDUCCI
DIRECTOR

RECEIVED

OCT 30 2019

Nevada County
Information Services

October 25, 2019

Steve Monaghan
Director of Emergency Services
Nevada County
950 Maidu Avenue
Nevada City, CA 95959

SUBJECT: NOTIFICATION OF SUBRECIPIENT ALLOCATION

Fiscal Year (FY) 2019 Public Safety Power Shutoff (PSPS)

Resiliency Allocation

Cal OES ID#057-00000

Period of Performance: July 1, 2019 to October 31, 2022

Dear Mr. Monaghan:

The California Governor's Office of Emergency Services (Cal OES) approved your FY 2019 PSPS allocation in the amount of \$375,514. Eligible activities under this allocation are limited to:

- Equipment
 - Generators and generator connections for essential facilities, with an emphasis on clean energy and green solutions where possible or other alternative backup power sources;
 - Generator fuel and fuel storage; and
 - Redundant emergency communications (e.g., battery-powered radios).
- Plans
 - Continuity plans;
 - Development/update of contingency plans for electrical disruptions that include considerations such as protecting individuals with access and functional needs, medical baseline and socially vulnerable populations, transportation, emergency public information, and preservation of essential functions;



3650 SCHRIEVER AVENUE, MATHER, CA 95655
(916) 845-8506 TELEPHONE (916) 845-8511 FAX
www.CalOES.ca.gov

- Risk assessments for critical infrastructure and lifelines; and
- Post-event reports that identify lessons learned and corrective actions.
- Public education materials or supplies focused on individual and family preparedness for electric disruptions.
- One-time costs associated with identifying and equipping resource centers for the public to access during electrical disruptions.

The following activities are not allowed:

- Response costs associated with electric disruption events including any staffing or new positions, Emergency Operations Center staffing, security, law or fire response, or other overtime charges.

All activities funded with this allocation must be completed within the period of performance. Additionally, the Subrecipient is subject to the following requirements:

- As a condition of receiving funding, counties will be required to collaborate with cities within their jurisdiction to support critical infrastructure and resiliency county-wide with a particular focus on public safety, vulnerable communities and individuals with access and functional needs.
- Must ensure that they and their principals are not presently debarred, suspended, proposed for debarment, or declared ineligible.
- Must provide two reports on the expenditures of the funds. The first report is due no later than **November 30, 2020**, and the second no later than **November 30, 2022**. These reports shall identify how the funds have been used, including identifying each project or activity undertaken, local entity that undertook the project or activity, the amount of funding provided to the project or activity, and a description of each project or activity. The report shall also identify the specific outcomes achieved by each project or activity, including whether the project or activity was completed and whether it was used during PSPS events.
- Must coordinate with their city or county planning agency to ensure that the project is in compliance with the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000 et seq.).

- Comply with the California Public Records Act, Government Code section 6250 et seq.
- Must procure goods and services in compliance with applicable state and local laws, ordinances, rules, regulations, and policies.

The undersigned represents that he/she is authorized to enter into this agreement for and on behalf of the Applicant.

Subrecipient: Nevada County

Signature of Authorized Agent: [Signature]

Printed Name of Authorized Agent: Steve Monaghan

Title: Director of Emergency Services Date: 11/18/19

Your dated signature is required on this Notification of Subrecipient Allocation. Please sign and return to PSPS@CalOES.ca.gov within 20 calendar days upon receipt and keep a copy for your records. For further assistance, please email PSPS@CalOES.ca.gov.

Sincerely,

[Signature]

MARK S. GHILARDUCCI
Director