



RESOLUTION No. 22-462

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION AUTHORIZING THE CAPITAL ASSET PURCHASE OF AN EMERGENCY BACKUP GENERATOR SYSTEM FOR THE WAYNE BROWN CORRECTIONAL FACILITY IN THE AMOUNT OF \$183,984 PLUS A CONTINGENCY OF \$3,000 FOR A TOTAL COST OF \$186,984 AND AMENDING THE FISCAL YEAR 2022-23 CAPITAL FACILITIES BUDGET (4/5 AFFIRMATIVE VOTE REQUIRED)

WHEREAS, the Wayne Brown Correctional Facility (WBCF) provides essential services to the County Sheriff's Office critical to public safety; and

WHEREAS, the County received PG&E Settlement funds in 2019 which will be used to facilitate the purchase; and

WHEREAS, currently there are two generators that serve the Wayne Brown Correctional Facility (WBCF) providing back up power to the main server room, portions of the corrections facility; 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 per Purchasing Policy section 4.5(B).

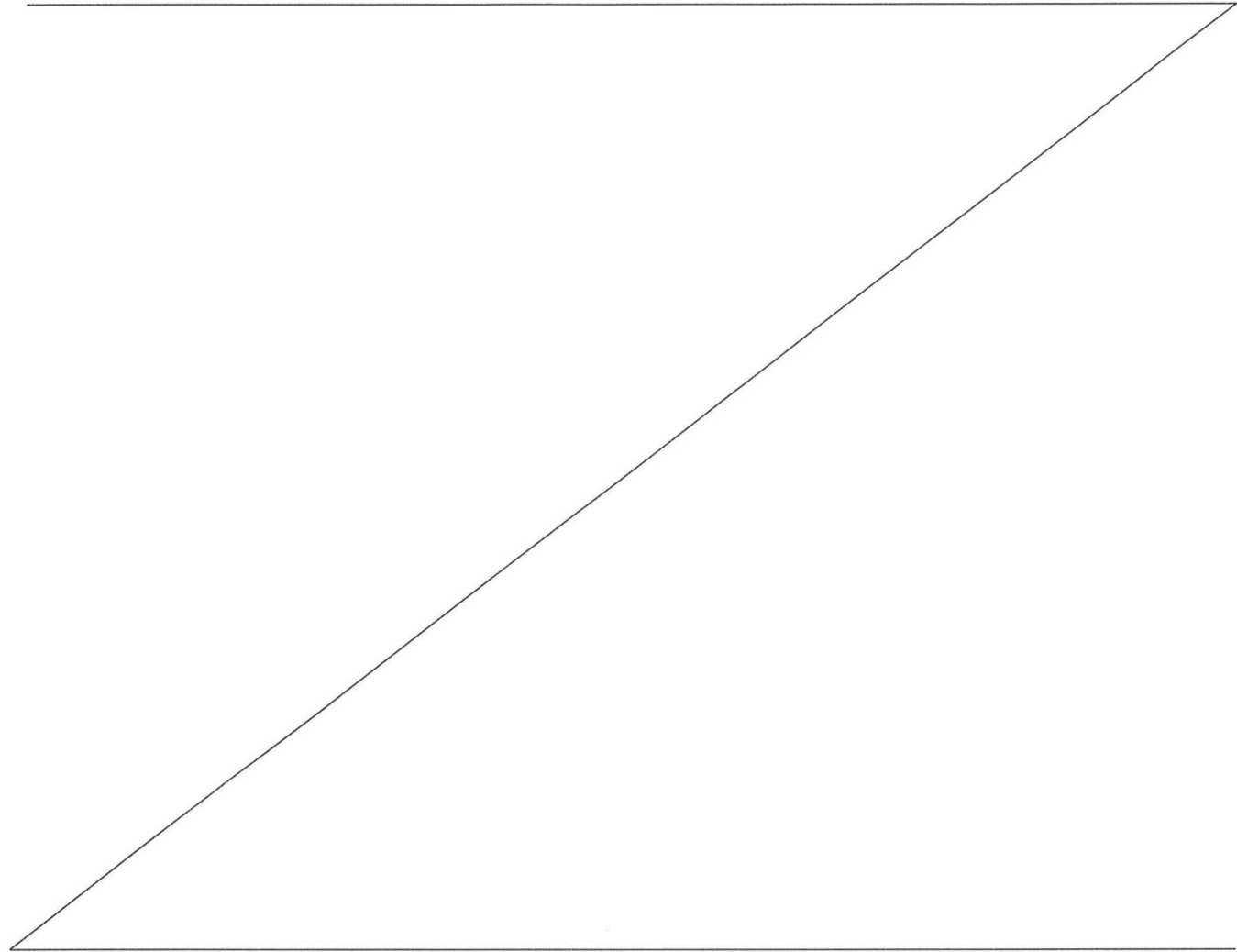
NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Nevada, State of California, hereby directs that:

1. The Board approves the capital asset purchase of a Kohler 400REOZJD Emergency Generator System from Bay City Electric Works in the amount of \$183,984 plus a \$3,000 contingency for a total cost of \$186,984.
2. The Purchasing Agent is authorized to sign all documents relating to the purchase and encumber the funds.
3. The Auditor-Controller is directed to release \$186,984.00 from the Unassigned Fund Balance of the General Fund and amend the Fiscal Year 2022/23 Capital Facilities budget as follows:

Increase:

0101-10801-416-1000/540600

\$186,984.00



PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 23rd day of August, 2022, by the following vote of said Board:

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

Noes: None.

Absent: Hardy Bullock.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Susan K. Hoek, Chair

8/23/2022 cc: Facilities*
Purchasing*
AC*

July 14, 2022



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REFERENCE: Wayne Brown Correctional Facility-Nevada CO, Ca
EMERGENCY GENERATOR SYSTEM
BCEW # 146555 (72 hr tank) 7-14-22

Bay City Electric Works in conjunction with the Sourcewell/NJPA contract #120617-KOH is pleased to offer the following Kohler generator system for your use on the referenced project. This proposal is in accordance with your verbal request. No written details, plans, or specifications were provided. The following clarifications, technical exceptions and/or exclusions are noted:

- No off-loading or installation included.
- No engineering services included.
- No permits or fees included.
- No removal of existing equipment included
- 2-hr load bank test is included at startup as part of the standard Kohler/BCEW startup and commissioning services.

Major system components include:

One (1) UL2200 Listed Kohler model 400REOZJD diesel powered generator set, rated for standby duty at 410 KW, 0.8 PF, 513 KVA, 480 volt, 3 phase, 4 wire, 60 Hertz, 1800 RPM, outdoor in weatherproof sound attenuated enclosure (75.2 dba @ 23') with a 2,311 gallon tank rated for 72 hours at full load.

One (1) Kohler Model KCP-DMTC-2000S Automatic Transfer Switch, rated at 2000 amps, 480 volt, 3 phase, 4 wire, 3 pole, solid neutral, in Nema 3 cabinet for outdoor mounting.

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. Fuel for testing is excluded. Any jobsite orientation and training of operating personnel to be done at the time of startup.

13625 Danielson Street, Poway, CA 92064 (HQ)
8647 Helms Ave, Unit #100, Rancho Cucamonga, CA 91730
322 Lindbergh Avenue, Livermore, CA 94551
Phone – 866.938.8200 Fax – 619.938.8202
www.BCEW.com

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

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

System Price: FOB Factory with freight allowed to your jobsite (or office) if accessible by a semi. All deliveries are drop-shipped. 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.

400REOZJD with Sound Enclosure List Price - \$185,791.00 – PER UNIT
Sourcewell/NJPA Member Discount 35% - \$65,026.85 – PER UNIT
Sourcewell/NJPA Member Price, FOB Kohler, WI - \$120,764.15 – PER UNIT
Sales Tax – 8.375% (based on delivery to Nevada CO, CA) - \$10,114.00 – PER UNIT

KCP-DMTC-2000S Automatic Transfer Switch List Price - \$39,046.00 – PER ATS
Sourcewell/NJPA Member Discount 30% - \$11,713.80.90 – PER ATS
Sourcewell/NJPA Member Price, FOB Kohler, WI - \$27,332.20 – PER ATS
Sales Tax – 8.375% (based on delivery to Nevada CO, CA) - \$2,289.07 – PER ATS

ES Stairs/Catwalk, 42" rail - \$13,145.17
Sourcewell/NJPA Member Discount 35% - \$4,600.81
Sourcewell/NJPA Member Price, FOB Kohler, WI - \$8,544.36
Sales Tax – 8.375% (based on delivery to Nevada CO, CA) - \$715.59

On-Site Start-up - \$5,500.00
Distributor List Less 5% (Sourcewell/NJPA Member Price) = \$5,225.00 per system

Freight \$9,000.00 – (estimated) – per system

Total Price - \$183,984.37

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

Detailed Information

Part Number	Description	Qty
GM400REOZJD	400REOZJD Generator System	1
400REOZJD-CP1	400REOZJD Generator Set	1
Includes the following:		
GM111111-GA2	400REOZJD, 24V, 60Hz	1
279989	Nameplate Rating, Standby 130C	1
GM19874-KA1	UL2200 Listing	1
333708	Voltage,60Hz,277/480V,3Ph,4W,0.8PF	1
GM85633-MA6-BLK	Alternator & MTG, 4M4021, 12LD	1
GM110206-MA1	Unit Mounted Radiator Cooling	1
GM111112-MA2	Skid&Mounting, 56", 4M	1
GM75806-MA2	Air Intake, Std. Duty	1
GM105023-MA3-BLK	Controller & Mtg, APM603, 1500A	1
GM105965-AA53	Software, Base, 400REOZJD	1
GM105024-MA1	Control & Harness, APM603	1
GM111001-CA3	Configurable Enclosure	1
GM111001-11C	Enclosure Sound Steel	1
GM109350-KA1-KCB	Enclosure, SL2, Steel 75.2 dba @ 23'	1
GM109396-KA1-BLK	Skid, Extension	1
GM78688-TA1	UL Tested Label & Approval w/Genset	1
GM111394-KA2	Basic Electrical Package, 1 Ph	1
GM64605-TA9	Wire Block Heater, (2500W, 90/120V, 1Ph)	1
GM64606-TA4	Wire Battery Charger	1
GM104054-TA1	Wire Generator Heater	1
GM106299-KA2	DC Light Package, 2 LED	1
GM110140-KA1-KCB	Std Enc Panel Steel	1
GM111001-CA4	Fuel Tank 12-96 Hour Configurable	1
GM111001-17C	Fuel Tank 72 Hour Configurable	1
GM109736-KA11	State Tank, 2311 Gallons	1
GM109738-KA2-BLK	Tank, Support, Skid Extensions	2
GM58956-TA61	5 Gal Spill Containment w95% Shutoff	1
GM58956-TA65	Containment Extension	1
GM61192-TA32	3 Alarm Fuel Panel, 31 To 39 In	1
GM85356-TA2	Normal Vent 12' /W Spill Fill	1
GM110384-KA2-BLK	Tank, Beam Skirting	1
GM109739-KA2	Tank Installation Hardware	1
GM105966-AA11	Software, Fuel Level	1
GM75809-KA1	BLOCK HEATER, 2500W, 90/120V 1PH	1
324588	Battery,2/12V,925CCA,Wet	1
GM94922-KA1	Battery Charger 12/24V-10A	1

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GM105966-AA3	Software, Param, 10A Battery Charger	1
279750	Generator Heater,110-120/220-240V,500W	1
GM105680-KA1	Failure Relay / Single Dry Contact	1
GM105680-KA3	DRY CONTACTS, 14 SPDT 10A&1 DPDT 2A	1
GM105966-AA9	Software, Param, 15 Relay Board	1
GM105680-KA7	Run Relay, 24 VDC, 10A, 3PDT, THT	1
GM80939-CA1	Breaker 1 Right Components	1
GM52331-KA1	LCB, 800A, PGP, MICRO LSI, 100%	1
GM78501-KA40-KCB	Panel, J-Box Closure	1
GM78500-KA4-KCB	Panel, J-Box Barrier	1
GM78514-KA9	Mtg, LCB M/P-Frame 600-1000A P1-2	1
GM78503-KA1	Bracket, LCB Mounting	1
GM80939-CA5	Breaker 1 Left Components	1
GM78501-KA1-KCB	Panel, J-Box Closure	1
GM78500-KA2-KCB	Panel, J-Box Barrier	1
GM80939-CA9	Breaker Accessories (All Breakers)	1
GM75926-KA1	Neutral	1
GM78502-KA1	Bus, ABC Lead	1
GM82664-KA2	Decal, Neutral (Unbonded)	1
GM111165-KA1	Flexible Fuel Lines	1
GM75793-KA1	Air Cleaner Restriction Ind.	1
GM75794-KA1	Crankcase Emissions Canister	1
GM28625-KA8	Coolant in Genset 17 gals.	1
GM50088	Warranty, 1 Year Standby	1
258811	Power Factor Test,0.8,3Ph Only	1

Detailed Information

Part Number	Description	Qty
GMKCP	KCP-DMTC-2000S	1
KCP-CP1	KCP-DMTC-2000S	1
Includes the following:		
GM46888-KA1	Programmable Input/Output Module	1
GM46258-KA1	Accessory Mounting Assembly	1
GM51453	Warranty, 1 Year Standard	1
GM114691-KA1	ATS Field Connection - Std & Prog Trans	1
362188	Export Packing-ATS 1600-4000A	1
601-30-316	Packing material - ATS	1
GM46749-KA1	Enclosure, ATS1600-2000A.RearConnNEMA3R	1
GM89839-MA4	MPAC 1500 - Prog & Closed Transition	1
GM18188	Contactora,PT,2000A,3P,440-480V,Solid	1

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Miscellaneous

Part Number	Description	Qty
GM102253-KP1	Battery Charger Temp. Comp. Sensor	1
GM111093-KP	Literature, General Maint-400REOZJD	1
GM91356-KP2	RSA III, ATS Annunciator	1
GM115276-KP	Lit Kit, ATS Production, KCS/KCP/KCC	1

Quotation Notes:

1. Applicable taxes have not been included.
2. 3% fee will be added to any payments made by credit card.
3. 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.
4. Any additional equipment required as a result of the local Air Quality permit application will be quoted separately. Air quality requirements are ever changing and vary based on a number of factors like jobsite location and proximity to adjacent structures. 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.

Many air jurisdictions are discussing changing the rules regarding emissions, tier levels, aftertreatment, etc. We are quoting based on the specifications and our current understanding of the application of the air jurisdiction's rules at the time of quote.

5. Generators installed on or after January 1st, 2013 in SCAQMD's jurisdiction will require the installation of a Particulate Matter Filter if they are within 50 meters of a sensitive receptor and over 175bhp. If the generator is within 50 meters of a sensitive receptor and there is not a price for a PM Filter on this quote please contact your salesperson immediately. A sensitive receptor is defined as, "any residence including private homes, condominiums, apartments, and living quarters, schools as defined in (5), preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long term care hospitals, hospices, prisons, and dormitories or similar live-in housing."
6. "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 Kindergarden-12th grade school and there

is not a price for a PM Filter on this quote please contact your salesperson immediately.

7. 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. Tank pressure tests are required in very few areas. These are not included and will be quoted on an as required basis unless they are listed in the specification and specifically listed on our quote.
8. All supplied fuel tanks will be certified UL142 unless specifically called out as UL2085. UL142 tanks are NOT fire rated or ballistic rated.
9. All power system studies, including short circuit analysis, protective device coordination and arc flash analysis and mitigation, are the responsibility of others-not included with this proposal.
10. Protective device calibration, testing (NETA) and setting of protective relays and CB trip units is the responsibility of others and not included with this proposal.
11. Fuel, initial fuel fill and fuel for testing is excluded.
12. No special lugs included in our quotes unless specifically identified on our proposal. You will receive the standard lugs for the provided breakers.
13. Vapor Gas Fuel System includes fuel mixer, electronic secondary gas regulator, gas solenoid valve, and flexible fuel line between the engine and the skid-mounted fuel system components. External fuel supply components are not included.
14. Prices quoted are not applicable for work subject to any state or federal prevailing wage requirements. We are an equipment supplier, not a subcontractor. Please contact your sales executive if prevailing wage still applies.
15. 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
16. If new tariffs or fees are imposed on certain materials after the submittal of this proposal, we reserve the right to adjust pricing if this quote is affected.

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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:
 - a. 10% of total order price if cancelled after we have provided submittals but prior to release for manufacture.
 - b. 25% of total order price if cancelled after release for manufacture, or if the equipment is already on order with the factory (Kohler paralleling switchgear is on order as soon as Submittals are requested).
 - c. 50% of total order price if cancelled less than 60 days prior to the scheduled shipment date.
 - d. 100% of total order price if cancelled after the equipment has shipped from the manufacturing plant.

Lead Times:

1. Most submittals can typically be provided within 10 business days from receipt of your written hold for Submittal approval (HFSA) Purchase Order. Custom drawings take 15-20 business days minimum. Paralleling Switchgear Submittals are a minimum of 6-8 weeks.
2. Current factory lead-time for the generator is 50-54 weeks from written release for production. Leadtimes are estimated at time of quote and may vary at time of order.
3. Current factory lead-time for the Automatic Transfer Switch is 63-67 weeks from written release for production.

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,

Kris Lintz
Industrial Sales Executive
619.496.7806 cell
klintz@bcew.com

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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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