



**Montara Water
and Sanitary District**
Serving the Community of Montara and Moss Beach

P.O. Box 370131
8888 Cabrillo Hwy
Montara, CA 94037-0131
t: 650.728.3545 • f: 650.728.8556

To sensitively manage the natural resources entrusted to our care, to provide the people of Montara - Moss Beach with reliable, high – quality water, wastewater, and trash disposal at an equitable price, and to ensure the fiscal and environmental vitality of the district for future generations. Be open to providing other services desired by our community.

AGENDA

District Board of Directors

8888 Cabrillo Highway
Montara, California 94037

November 21, 2019 at 7:30 p.m.

CALL TO ORDER

ROLL CALL

PRESIDENT'S STATEMENT

ORAL COMMENTS (Items other than those on the agenda)

PUBLIC HEARING

CONSENT AGENDA

OLD BUSINESS

1. [Review and Possible Action Concerning Vacant Position for Board of Directors.](#)

NEW BUSINESS

1. [Review and Possible Action Concerning Approval of Purchase Order for Generator at Wagner Site.](#)

REPORTS

1. Sewer Authority Mid-Coastside Meetings (Slater-Carter).
2. MidCoast Community Council Meeting (Slater-Carter).
3. CSDA Report (Lohman).
4. LAFCo Report (Lohman).
5. Attorney's Report (Fitzgerald).
6. Directors' Reports.
7. [General Manager's Report \(Heldmaier\)](#).

FUTURE AGENDAS

CONVENE IN CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

(Government Code §54956.9(d)(4))

Initiation of Litigation

Number of cases: 1

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

(Government Code §54956.9(d)(1))

Case Name: *City of Half Moon Bay v. Granada Community Services District, et al.*

(Santa Clara County Super. Ct. No. 17CV316927)

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

(Government Code §54957(b)(1))

Title: General Manager

REPORT OF ACTION TAKEN IN CLOSED SESSION, IF ANY

ADJOURNMENT

The District has a curfew of 10:30 p.m. for all meetings. The meeting may be extended for one hour by vote of the Board.

NOTE: In accordance with the Government Code, members of the public may address the Board on specific agenda items when the matter is discussed by the Board. Any other items of interest that is within the subject matter jurisdiction of the District may be addressed during the Oral Comments portion of the meeting. Upon request, this Agenda will be made available in appropriate alternative formats to persons with a disability. Request for a disability-related modification or accommodation in order to participate in the public meeting should be made at (650) 728-3545. Materials related to an item on this Agenda submitted to the Board after distribution of the Agenda Packet are available in the District Clerk's office during normal business hours. Such documents may also be available on the District's web site (www.mwsd.montara.org) subject to staff's ability to post the documents before the meeting.



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **November 21, 2019**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager *CH*

**Subject: Review and Possible Action Concerning Vacant
Position for Board of Directors.**

The resignation of former Director Eric Marshall on October 16, 2019 created a vacancy on the Board. At the November 5, 2019 Special Meeting the remaining members of the Board have decided to fill the open position by appointment under Government Code Section 1780 (d). The person appointed will serve the remainder of Mr. Marshall's initial half of the vacated term until the November 2020 election. The District has notified the County elections official and posted notice of the vacancy in accordance with the requirements of the Government Code. The notice included an invitation for interested persons to submit a letter of interest to the President of the Board and that the Board would make the appointment at the Regular Meeting of the Board on November 21, 2019. The last Regular Meeting at which the appointment could be made is December 5, 2019. If the Board fails to make the appointment in the time required, the County Board of Supervisors may make the appointment prior to ninety days after the vacancy occurred.

All candidates are invited to be interviewed by the Board of Directors at this meeting.

RECOMMENDATION:

Interview the candidates and appoint the best suitable candidate as Director for the vacant position, adopt Resolution No. ____, Resolution of the Board of Directors of the Montara Water and Sanitary District, San Mateo County, California, Filling the Vacancy on the Board of Directors by Appointment.

Attachments

RESOLUTION NO. _____

RESOLUTION OF THE BOARD OF DIRECTORS OF THE MONTARA WATER AND SANITARY DISTRICT, SAN MATEO COUNTY, CALIFORNIA, FILLING THE VACANCY ON THE BOARD OF DIRECTORS BY APPOINTMENT

WHEREAS, on October 16, 2019, Director Eric Marshall notified the District of his resignation from the Board of Directors of the Montara Water and Sanitary District (“District”), effective immediately, resulting in a vacancy on the District Board; and

WHEREAS, pursuant to California Water Code Section 30504, Health and Safety Code Section 6483 and Government Code Section 1780, the District notified the County Elections Official of the vacancy within fifteen (15) days of the vacancy date; and

WHEREAS, the remaining members of the District’s Board determined to fill the vacancy by appointment within sixty (60) days of the vacancy date and authorized the posting of a Notice of Vacancy in three (3) conspicuous places within the District at least fifteen (15) days prior to making the appointment; and

WHEREAS, the Notice of Vacancy gave notification that the District’s Board would consider making the appointment at its November 21, 2019 regular meeting and requested interested persons who are registered voters residing in the District to submit letters of interest to the District; and

WHEREAS, the District Board received letter(s) of interest and conducted interviews of potential candidate(s) at a regular meeting held November 21, 2019; and

WHEREAS, based on the submission of a letter of interest and an interview conducted, the District Board wishes to appoint a new Director to the Board as hereinafter set forth.

NOW, THEREFORE, be it resolved by the Board of the Montara Water and Sanitary District, a public agency in the County of San Mateo, California, as follows:

1. The vacancy on the District Board of Directors created by the resignation of Director Eric Marshall on October 16, 2019 shall be filled by appointment no later than December 16, 2019 as provided by Government Code Section 1780.
2. The District notified the County Elections official within fifteen (15) days of the vacancy and posted the Notice of Vacancy in three (3) conspicuous places within the District at least fifteen (15) days prior to making the appointment.

RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTARA WATER AND SANITARY DISTRICT, SAN MATEO
COUNTY, CALIFORNIA, FILLING THE VACANCY ON THE
BOARD OF DIRECTORS BY APPOINTMENT**

3. Effective immediately, the Board of Directors hereby appoints, _____ as a Director of the District's Board, for the term commencing the date of this Resolution (subject to verification of eligibility), until the earlier of the next District General Election or other such date as said Director's term may cease.

4. The District's General Manager is hereby authorized to notify County Elections Official of the appointment of Director _____ within fifteen (15) days of this appointment.

President, Montara Water and Sanitary District

COUNTERSIGNED:

Secretary, Montara Water and Sanitary District

* * * *

I HEREBY CERTIFY that the foregoing Resolution No. _____ duly and regularly adopted and passed by the Board of the Montara Water and Sanitary District, County of San Mateo, California, at a Special Adjourned Meeting thereof held on the 5th day of November 2019, by the following vote:

AYES, Directors:

ABSTENTION:

NOES, Directors:

ABSENT, Directors:

Secretary, Montara Water and Sanitary District

OATH of OFFICE

I, _____, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Office: Director, Montara Water and Sanitary District

Subscribed and sworn to before me this 21st
day of November, 2019.

Secretary, Montara Water and Sanitary District



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: November 21, 2019

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

A handwritten signature in blue ink, appearing to read 'Clemens Heldmaier', with a long horizontal line extending to the right.

SUBJECT: Review and Possible Action Concerning Approval of Purchase Order for Generator at Wagner Site

In 2019 two of the District's generators failed beyond cost effective repair. The units that failed had been in service since 1985 & 1991. Since then one has been replaced, at the Alta Vista Treatment Plant / Alta Vista Well site. This proposal is to replace the second failed unit at our Wagner 3 site. It is for a trailer-mounted 30kW generator.

Three quotes are attached with specifications and lead time.

Operations is endorsing the purchase of the MultiQuip DCA40SSKU4F2 provided by CD & Power. This is primarily based on cost and the shortest lead time for delivery of the generator.

CD & Power, was recently awarded our service maintenance / load bank testing. During the recent power outages, the previous contractor who provided this service for the District was unable to assist due to several reasons. CD & Power was able to provide same day technical / mechanical support, secure a rental generator all at lower rates, and less travel time expense than the previous vendor.

RECOMMENDATION: Authorize the General Manager to issue a Purchase Order to CD & Power for \$39,824.18

Attachments



ATT. 1

Quote No: 30677567-00

10/24/19

30kW Portable Diesel Genset for Montara Water Sanitary District

Item #	Qty.	Description	Unit Price	Ext Price
1	1	<p>Generator Set, Caterpillar, Model XQ35, Tier 4 Final, diesel driven, 60Hz, 1800 RPM with all std accessories and the following optional material: CARB NON-ROAD EMISSIONS CERTIFIED. NOx Reduction System (NRS) Diesel Oxidation Catalyst (DOC)</p> <p>CAT Outdoor Enclosure - Sound Attenuated, Weather Protected Level-2 Sound rated for 63dBA at 23ft</p> <p>CAT Fuel Tank Base - UL142 type 55 useable gallons, 24 hours approx run time</p>	\$45,689	\$45,689
2	1	<p>Single Axle Trailer with hydraulic brakes Trailer Hitch, Pintle 136"L x 67"W x 74"H Weight = 2,575# w/o fuel; 2,960# with full 55 gallon fuel</p>	Included	0
3	1	<p>Startup and Testing - At Peterson Power, San Leandro, CA Check fluids Check connections</p> <p>Load Test - At Peterson Power Standard start-up services with 2hr load test at 1.0PF, in stand alone mode</p> <p>Training 2 hours total at Peterson Power-San Leandro, with owner's representatives</p>	Included	0
"BASE BID" - SUB TOTAL F.O.B. job site less sales tax			\$45,689.00	

Notes (N), Deviations (D), Exceptions (E):

(N) Quoted to 10/23/19 email specifications Only.

(N) Fuel is not included.

Availability: Factory order delivery is **22-26 weeks** after submittal approval.

Submittal Availability: 2-4 weeks

F.O.B. Peterson Power Systems, San Leandro, CA, curbside.

Not Included: Sales Tax, installation, and final fuel fill.

Credit: Subject to approval

Start and test includes a check of wiring continuity, safety shutoffs and phase rotation on all equipment we provide.

No permit costs are included in this quotation. We will provide information as may be necessary for the acquisition of permits, but we assume no responsibility for obtaining any permits, or licenses that may be required.

The above quotation will be honored for 30 days.

Terms and conditions as noted in attachment A.

Thank you for your interest in Caterpillar Power Systems. Please don't hesitate to contact me with any questions.

Regards,
 Jim Pereza
 Peterson Power Systems, Inc.
 Sales Representative
 Phone: (510) 340-0756
jpgereza@petersonpower.com

Since 1936

Attachment A:

Commercial Terms and Conditions

- Seller reserves the right to accept or reject this order
- Payment: Subject to credit approval, Net 30 days on delivery of material or labor completed
 - 100% on material delivery
- Taxes: not shown or included but will be added as necessary
- Validity: Above quote valid for 30 days
- Price: Escalation charges will apply to orders awaiting release of "hold for approval" submittals longer than 90 days
- Cancellation: Charges of 10% on order, 30% on delivery of hold for approval submittals, 50% up to 4 weeks following release for production, 90% thereafter.
- Freight: FOB jobsite, off loading, storage, and protection of equipment at jobsite is not included. Sellers responsibility for shipments cease upon delivery to transportation company. Any claims for shortages, delays or damages occurring thereafter shall be made directly by the purchaser to the transportation company. Any claims against the seller for shortages in shipments shall be made within fifteen days of receipt of shipment.
- Warranty: Standard manufacturers warranty applies to the above listed equipment. Extended service contracts may be available and are listed above if included.
- Acceptance: Once accepted this order shall become a binding contract but is subject to strikes, lockouts, accidents, fire, delays in manufacture or transportation, acts of God, embargoes, or government actions. These causes beyond the control of the seller shall absolutely absolve the seller from any liability to the purchaser under the terms hereof.
- Contracts: penalty or liquidated damages clauses for failure to meet shipping dates are not acceptable or binding on Peterson Power
- Title: It is understood and agreed that title to and possession of subject equipment shall remain vested in seller until all obligations and payments due from purchaser to seller have been paid in full.

NOT INCLUDED:

- Installation: Peterson Power is an equipment supplier only. Items noted are "shipped loose" for contractor installation including any required interconnecting piping or to customer connections
- Permits: Any and all permit applications or costs including but not limited to local City, County, State and AQMD. Peterson Power will provide information as requested for use with permit application but assumes no responsibility or obligation to apply for or obtain subject permits. Peterson Power has provided equipment that to the best of our knowledge complies with all local, state and federal requirements.
- Emission permitting and compliance testing and related costs. To the best of our knowledge this equipment meets all current emission standards for PM and Nox. A permit to operate this engine may require a "Risk Screen Analysis" to determine maximum cancer risk at the final installation site. Results of this test may require the addition of exhaust after-treatment devices. This equipment is not included unless specifically called out in our bill of material.
- Testing: Any and all associated testing, inspection, equipment, and certifications requested or required to be performed by a third party including circuit breaker coordination, system commissioning or building load testing
- Additional items that may be required by local utility for interconnection and parallel operation
- Electrical, Mechanical, Civil, and Structural professionally engineering services
- Engineering services other than supply of Peterson Power Systems standard drawings, equipment cut-sheets and controls per quoted scope of supply
- Startup and Commissioning service charges other than as noted in the quoted scope of supply. Additional field or shop labor including travel costs to/from the jobsite will be quoted and charged separately at time of requested services.
- Balance of plant equipment, controls, and monitoring except as quoted



Standby 30 kW, 38 kVA
 Prime 27 kW, 35 kVA
 60 Hz

Image shown may not reflect actual configuratio

Specifications

Generator	Frequency	Voltage	Standby kW (kVA)	Prime kW (kVA)	Speed rpm
Standard	60 Hz	480/277V	30 (38)	27 (35)	1800
	60 Hz	208/120V	30 (38)	27 (35)	1800
	60 Hz	240/120V	30 (30)	27 (27)	1800
Optional	60 Hz	600/349V	30 (38)	27 (35)	1800
	60 Hz	480/277V	30 (38)	27 (35)	1800
	60 Hz	208/120V	26 (33)	24 (30)	1800
	60 Hz	240/120V	21 (21)	19 (19)	1800

Cat® C2.2 Diesel Engine	Metric	Imperial (English)
Configuration	I-4, 4-Stroke Diesel	
Bore	84 mm	3.3 in
Stroke	100 mm	3.9 in
Displacement	2.2 L	135 in ³
Aspiration	ATAAC	
Compression Ratio	18:1	
Engine Speed	1800 rpm	
Governor Type	Electronic	
Governor Class	ISO8528 G1 and G2	
Maximum power at rated speed – bkW (hp)		
Standby	36.4	(49)
Prime	32.8	(44)

Benefits & Features

Fuel/Emissions Strategy

- Meets U.S. EPA Tier 4 Final emission standards and CARB certified for non-road mobile applications at all 60 Hz ratings

Cat C2.2T Diesel Engine

- Four-stroke diesel engine combines performance and excellent fuel economy with minimum weight
- On-engine aftertreatment consists of NOx Reduction System (NRS) and Diesel Oxidation Catalyst (DOC) for service-free operation
- 500-hour oil change interval
- Common rail direct injection
- Electronic engine controls
- Engine block heater 110-120 VAC

Cat LC Series Generator

- Matched to the performance and output characteristics of Cat diesel engines
- Class H Insulation

Cat EMCP 4.2B Control Panel

- Electronic control panel provides power metering, protective relaying, engine and generator parameter viewing, and expanded AC metering.
- Graphical display (3.8 in.) denotes text alarm/event descriptions, set points, engine and generator monitoring, and is visible in all lighting conditions.
- Simple, user-friendly interface and navigation
- Integrates with the Cat Integrated Voltage Regulator (IVR) to provide precise control, excellent block loading, and constant voltage

Environmentally Friendly Design

- 110% spill containment of all engine fluids
- Nonmetallic fuel tank provides >24-hour run time at 75% prime load
- Two-way valve and external fuel ports to easily switch between on-board and external fuel source
- Two-speed, electric cooling fans for reduced fuel consumption and reduced sound (63 dBA at 7 m)
- Solar battery maintainer

Sound-attenuated Enclosure

- Rugged, corrosion-resistant construction:
 - Galvanealed, sheet steel body panels with zinc phosphate pretreatment prior to polyester powder coating
 - Stainless steel hinges
- Excellent access for service and maintenance:
 - Two doors on each side, and one rear door for power distribution and control panel access
 - Lube oil and coolant drains piped to exterior of the enclosure
- Security and safety features:
 - Control panel located behind rear access door with safety-glass viewing window
 - Padlockable latches on all access doors
 - Exterior emergency stop (E-stop) button

Standard Controls and Power Distribution

- Three-position switch for easy selection of desired output (480/277V 3-phase, 208/120V 3-phase, or 240/120V single phase)
- Controls, sockets, and power distribution all accessible via rear access door
- Hinged door with safety switch to trip breaker

Asset Monitoring and Management

- Cat Connect hardware provides two-way communication for remote control and equipment monitoring via cellular network
- Customer-defined, equipment-based real-time status updates and alerts
- Flexible and customer-configurable user interface
- GPS provides asset location and geo-fencing

Options

- Generator anti-condensation heater
- Battery charger
- Trailer (electric, hydraulic, or no brakes)
- Trailer hitch (2-in. ball, 2-5/16-in. ball, or pintle)
- 600V generator

Standard Equipment

Engine

- Cat C2.2T, heavy-duty, EPA Tier 4 Final certified diesel engine
- NOx and engine-mounted DOC
- Block heater, 110-120 VAC
- Requires Ultra Low Sulfur Diesel (ULSD) fuel
- Engine Electrical System:
 - 12-volt, DC electrical system
 - 85-amp, DC charging alternator
 - Electronic governor and engine controls
 - Oil pressure, coolant temperature, and coolant level shutdown switches
- Engine Filtration System:
 - Cartridge-type air filter with service indicator
 - Cartridge-type fuel filter with upstream pre-filter and water separator,
 - Spin-on, full-flow lube oil filter, requires API CJ-4 lube oil.

Generator and Voltage Regulation

- Screen protected and drip-proof (IP23), self-regulating, 12-lead, 4-pole, brushless generator
- Sealed-for-life bearing
- Electrical design in accordance with IEC60034-1, EN61000-6, NEMA MG-1.22, and CSA
- Self-excited for self protection against short circuits
- Voltage selection switch (3 position) mounted to generator terminal box
- Optional
 - Anti-condensation, space heater, 60-Watt, 110-120 VAC
- Insulation System:
 - Class H insulation system
 - Windings are impregnated in a thermo-setting moisture, oil, and acid resisting varnish
 - Heavy coat of anti-tracking varnish for additional protection against moisture or condensation
- IVR:
 - Simplified operation and troubleshooting
 - Removes duplication of set points
 - Configure IVR parameters and view IVR status screens via the EMCP
 - Fully supported by Cat ET service tool

Waveform distortion, THF, and TIF Factors:

- Total distortion of voltage waveform with open circuit between phases, or phase and neutral, on the order of 1.8 Total distortion <4%, on a 3-phase, balanced, harmonic-free load
- Total distortion <2%, under no load
- Waveform: NEMA (TIF <50)
- 2/3 pitch standard on all stator windings

Generator Set Packaging

- Base frame and containment tray
 - Heavy-duty, fabricated steel base frame with specially-designed lifting points
 - Spill containment tray mounted to base frame, with leak-detection switch
- Canopy
 - Sound attenuated to 63 dBA at 7 m (23 ft)
 - Two doors on each side, and one rear door for power distribution and control panel access
- Cooling System:
 - Radiator and two-speed, electric cooling fans (2) complete with protective guards
 - Cooling system provides 43°C (109°F) ambient capability at 500 m (2,460 ft) above sea level
- Electrical System:
 - 12-volt, DC electrical system
 - 850CCA, maintenance-free, wet battery
 - Battery disconnect switch, lockable
 - Solar battery maintainer with solar array
 - Resettable, switch-style circuit breakers (DC circuit)
 - Optional 10A battery charger, 110-120 VAC constant voltage, UL listed
- Engine and generator mounting
 - Engine and generator are directly coupled by an SAE flange
 - Engine flywheel is flexibly coupled to the generator rotor, with full torsional analysis completed to ensure no harmful vibration will occur in the assembly
 - Anti-vibration pads between engine/generator feet and base frame

Standard Equipment (continued)

- Fuel System:
 - Cross-linked polyethylene (XLPE) fuel tank; 55 gallon usable volume
 - 24 hour runtime @ 100% prime load
 - 2-position valves and external ports (1/4-in. NPT) allow connection of an auxiliary fuel source
- CSA 22.2 Certified

Generator Controls and Power Distribution

- EMCP 4.2B, digital generator set controller, mounted behind a hinged, lockable door with viewing window
- Circuit Breaker: 3-pole molded case breaker, 125A, UL- and CSA-listed with shunt trip
- Safety switch on hinged main bus cover – trips breaker if cover is opened
- Two-wire, remote start-stop terminals
- Customer auxiliary power connections:
 - Three – 250V, 50A California-style, NEMA, twist lock receptacles

- Two – 120V, 20A duplex receptacles with GFCI*
- Each receptacle is protected by a miniature circuit breaker, which also acts as an on/off switch
- Main customer connections:
 - Tin-plated copper bus bars with phase separators, located behind a protective door with shunt trip switch
 - Bus bars sized for full load capacity of generator set at 0.8 power factor

Quality and Product Support

- Factory load-testing of complete generator set
- Factory test certificate available upon request
- Equipment meets the following standards: BS4999, BS5000, BS5514, IEC60034, EN61000-6, NEMA MG-1.22 & CSA
- Full set of operation and maintenance manuals

* Voltage at receptacle is 120V when switch is in 240/120 and 208 positions, and 139V in 480V position. Receptacles are not powered when 600V is selected.



Technical Data

Cat Generator		
Frame Size	1514J	
Pitch	0.6667	
No. of poles	4	
Insulation	Class H	
Enclosure	Drip proof IP23	
Voltage regulation	± 0.25% at steady state from no load to full load	
Frequency regulation	± 0.25% for constant load from no load to full load	
Waveform distortion	THD <4%	
Telephone interference	TIF<50, THF<2%	
Overspeed limit	2250 rpm	
Available voltages	Standard	Switchable voltage output: 480/277V, 3-phase; 208/120V, 3-phase; 240/120V, single-phase
	Optional	Switchable voltage output: 600/349V, 3-phase; 480/277V, 3-phase; 208/120V, 3-phase; 240/120V, single-phase

Cat Generator Set – 1800 rpm/60 Hz			
	Units	Standby	Prime
Power Rating	kW (kVA)	30 (37.5)	27 (35)
Performance Specification			
Lubricating System			
Total oil	L (gal)	10.6 (2.8)	10.6 (2.8)
Capacity oil	L (gal)	8.9 (2.4)	8.9 (2.4)
Fuel System			
Fuel Consumption** — 100% Load	L/hr (gal/hr)	9.8 (2.6)	8.8 (2.3)
75% Load	L/hr (gal/hr)	7.4 (2.0)	6.7 (1.8)
50% Load	L/hr (gal/hr)	4.9 (1.3)	4.4 (1.2)
Fuel Tank Capacity	L (gal)	208 (55)	208 (55)
Running Time — at 100% Load	Hours	>20	>24
Cooling System			
Radiator system capacity including engine	L (U.S. gal)	9.9 (2.6)	9.9 (2.6)
Heat rejected to coolant at rated power	kW (Btu/min)	29.6 (1,685)	26.6 (1,514)
Air Requirements			
Combustion air flo	m³/min (cfm)	2.2 (76)	2.2 (76)
Radiator cooling air	m³/min (cfm)	86.5 (3,023)	86.5 (3,023)
Generator cooling air	m³/min (cfm)	19.2 (678)	19.2 (678)
Noise Rating** [with enclosure at 7 meters (23 feet)]	dB(A)	63	63

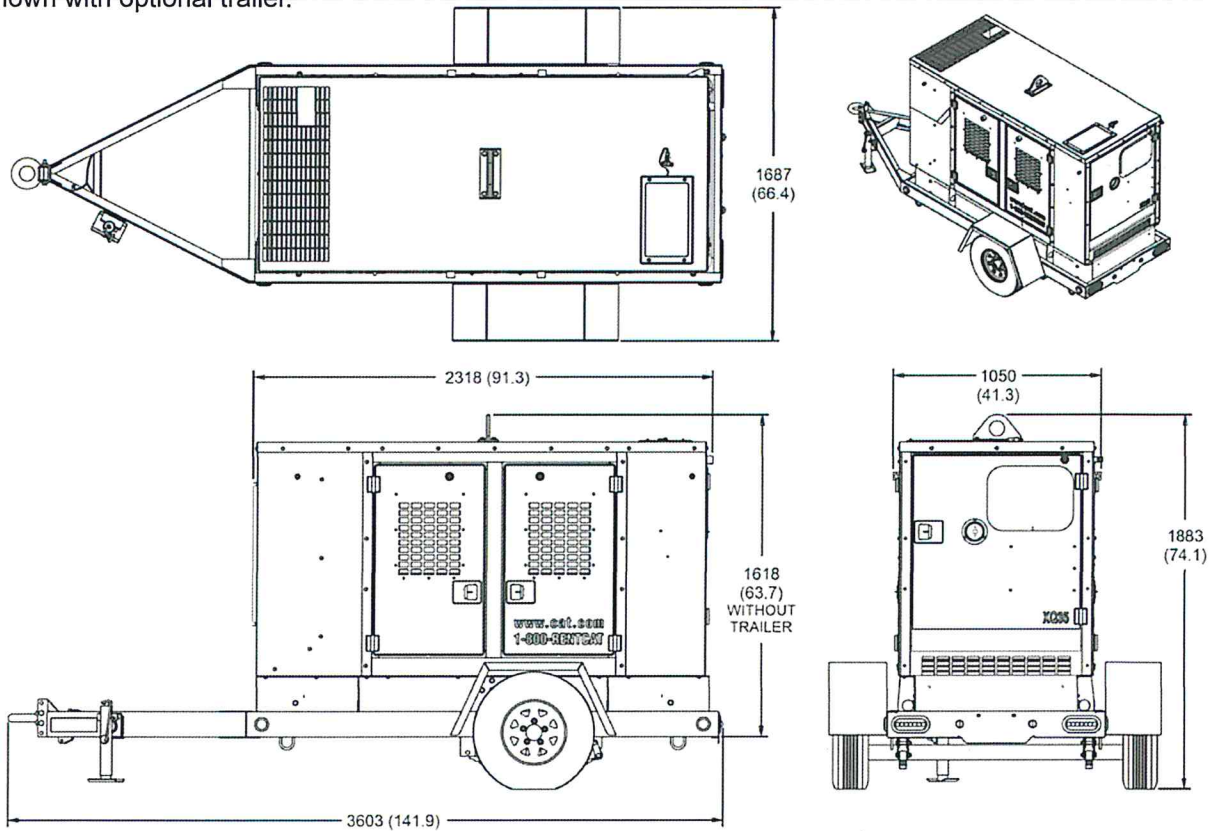
**Package fuel consumption and sound levels are for reference only.

Technical Data (continued)

Dimensions and Weights					
Model	Length mm (in)	Width mm (in)	Height mm (in)	With Lube Oil & Coolant kg (lb)	With Fuel, Lube Oil, & Coolant kg (lb)
XQ35	2318 (91.3)	1050 (41.4)	1617 (63.7)	1003 (2215)	1178 (2600)
XQ35 with trailer (no brakes)	3454 (136.0)	1687 (66.4)	1883 (74.1)	1154 (2555)	1332 (2940)
XQ35 with trailer (electric brakes)	3454 (136.0)	1687 (66.4)	1883 (74.1)	1166 (2575)	1341 (2960)
XQ35 with trailer (hydraulic brakes)	3534 (139.1)	1687 (66.4)	1883 (74.1)	1171 (2585)	1345 (2970)

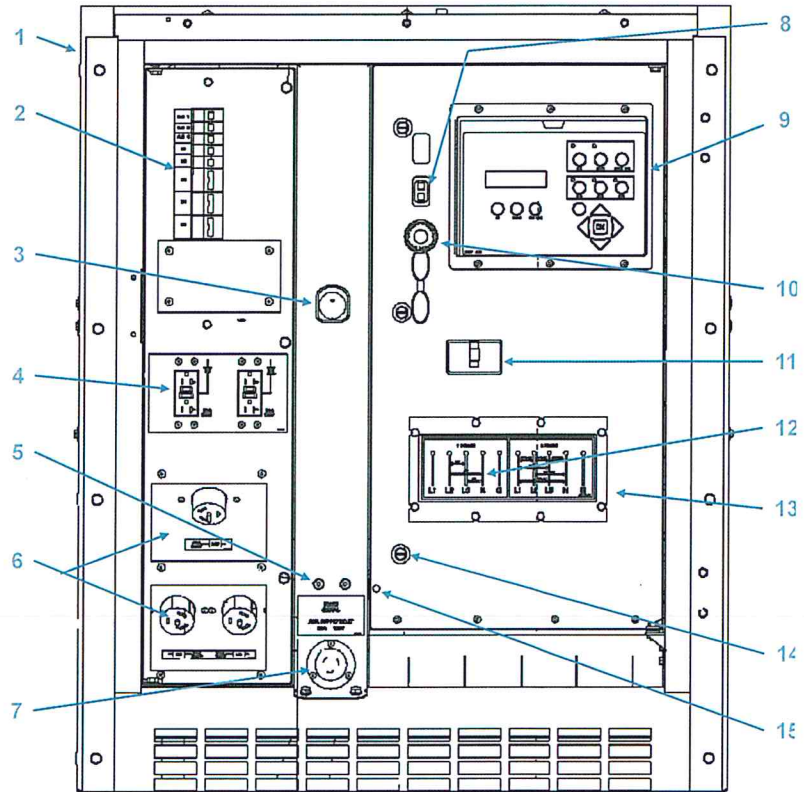
General Layout Dimensions

Dimensions in millimeters (inches).
Shown with optional trailer.



Control Panel and Power Distribution Layout

Item	Description
1	Steel enclosure with hinged, lockable door (not shown)
2	Circuit breakers for receptacles
3	Emergency stop
4	Single-phase GFCI duplex receptacles (20A @120V)
5	Two-wire remote start terminals
6	Single-phase, California-style, twist-lock receptacles, 50A @208V phase-to-phase, 120V phase to neutral, or 240/120 V single phase when in that voltage position
7	Single-phase NEMA locking input receptacle (30A @120V) to power optional block heater, battery charger, and generator space heater
8	Glow plug lamp
9	EMCP 4.2B digital generator set controller
10	Cat ET service tool connector
11	Circuit breaker, 3-pole molded case, 125A
12	Main bus connection (bus bars attached to breaker) behind door and viewing window
13	Bus bar viewing window w/ phase diagram film
14	Quarter-turn door lock
15	Breaker trip door switch



Rating Definitions and Conditions

Standby — Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

Prime — Output available with varying load for an unlimited time. Average power output is 70% of the prime power rating. Typical peak demand is 100% of prime rated kW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year.

www.Cat.com/rentalpower

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Materials and specifications are subject to change without notice. The International System of Units (SI) is used in this publication.

CAT, CATERPILLAR, their respective logos, ACERT, Product Link, "Caterpillar Yellow", the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

ATT. 2

SALES QUOTE

Herc Rentals Inc.



Office: 415-865-4444
Fax:
Cell: 415.961.3736
Email: casey_reamy@hercrentals.com

Branch #: 9749

Sales Rep: CASEY REAMY

Date: 10/31/2019

Customer Information

Job Site Information

Name: **MONTARA WATER AND SANITARY DISTRICT**
Contact: JULIAN
Address:
City, State:
Zip:
Phone:
Fax:

Name:
Contact:
Address:
City, State:
Zip:
Phone:
Fax:

Qty	Description	Part Number	Unit Price	Unit of Measure	Extended Price
1	MULTIQUIP DIESEL 45KVA GENERATOR	DCA45SSIU4F	28,025.00	Ea	28,025.00
1	DCA 45 TRAILER SURGE BRAKES	TRLR45H	2,850.00		2,850.00
1	2 5/16 BALL HITCH	EE36264	100.00	Ea	100.00
1	POWER BALANCE	MQPPB4514F	5,400.00		5,400.00
1	CAMLOCK SET	CAMLOK1CKITAL45	425.00		425.00
4-6 WEEKS DELIVERY					

Sales Quote is valid through: 30 DAYS

Sub Total	36,800.00
Transportation Charges	165.00
Estimated Taxes 8.50%	3,142.03
TIRE TAX	3.50
Estimated Total	\$40,110.53

Comments :

This price quote is for information purposes only and does not constitute an offer to rent or sell goods or equipment. All rentals or sales shall be subject to the terms and conditions of Herc Rentals Contract or Sales Invoice.

THANK YOU FOR CHOOSING HERC RENTALS



DCA40SSKU4F2

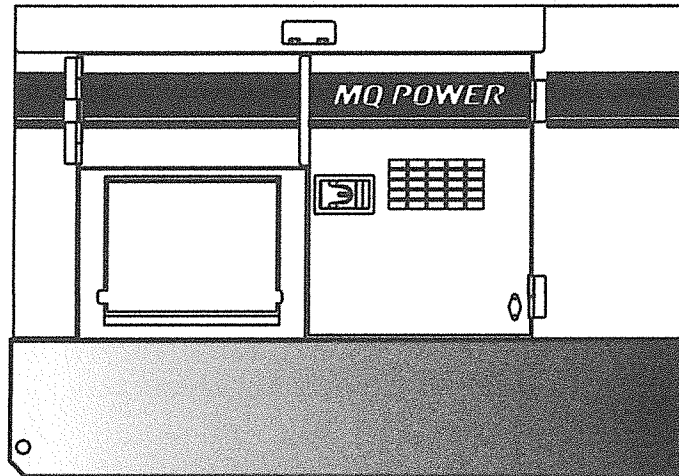
MQ POWER Series Generator

WhisperWatt™

Prime Rating — 28.8 kW (36 kVA)

Standby Rating — 30.2 kW (37.8 kVA)

Three-Phase, 60 Hertz, 0.8 PF



STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, turbocharged, diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class H insulation systems.
- Open delta excitation design provides virtually unlimited excitation for maximum motor starting capability.
- Automatic voltage regulator (AVR) provides precise regulation.
- Electronic Governor Control — maintains frequency to within $\pm 0.25\%$ from no load to full load.
- Full load acceptance of standby nameplate rating in one step (NFPA 110, para 5-13.2.6).
- Sound attenuated, weather resistant, steel housing provides operation at 63 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- Internal fuel tank with direct reading of fuel gauge.
- E-coat and powder-coat paint system provides durability and weather protection.
- Fuel/water separator removes condensation from fuel for extended engine life. Panel mounted alarm light included.
- Complete engine analog instrumentation includes fuel level gauge, hour meter, preheat indicator, and emergency shutdown monitors.
- Automatic Start/Stop Control — automatically starts the generator set during a commercial power failure when used in conjunction with a transfer switch.
- Complete generator analog instrumentation includes voltage regulator control, ammeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, and circuit breaker.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, overspeed and overcrank. Warning lights indicate abnormal conditions.
- Complete power panel. Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. The GFCI receptacles are NEMA 5-20, and the auxiliary outputs use CS6369 twist-lock receptacles.
- Simultaneous single and three-phase power.
- Voltage selector switch offers the operator a wide range of voltages that are manually selectable. Fine tuning of the output voltage can be accomplished by adjusting the voltage regulator control knob to obtain the desired voltage.
- EPA emissions certified — Tier 4 final emissions compliant.
- Engine fitted with DOC.
- Spill containment — banded design protects environment by capturing up to 132% of engine fluids.



DCA40SSKU4F2

MQ POWER Series Generator

SPECIFICATIONS

Generator Specifications		
Design	Revolving field, self-ventilated Drip-proof, single bearing	
Armature Connection	Star with Neutral	Zig Zag
Phase	3	Single
Standby Output	30.2 KW (37.8 KVA)	27.3 KW
Prime Output	28.8 KW (36 KVA)	26 KW
Voltage - 3Ø	208, 220, 240, 416, 440, 480 V	N/A
Voltage - 1Ø	N/A	120, 240 V
Power Factor	0.8	1
Voltage Regulation (No load to full load)	±0.5%	
Generator RPM	1800	
Frequency	60 Hz	
No. of Poles	4-pole	
Excitation	Brushless with AVR	
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.	
Insulation	Class H	
Sound Level dB(A) Full load at 23 feet	63	

Engine Specifications	
Make / Model	Kubota / V2403-CR-TIE4BG
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, charge air cooled, EGR, ECM, and DOC
Displacement	148.5 in ³ (2434 cc)
No. cylinders	4
Bore x Stroke	3.42 x 4.01 in. (87 x 102 mm)
Gross Engine Power Output	48.3 hp (36 kW)
BMEP	145 psi (1000 kPa)
Piston Speed	1209 ft./min. (6.14 m/s)
Compression Ratio	16.0:1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	2.5 gallons (9.7 liters)
Battery	12V 72Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D*	
Maximum Fuel Flow (per hour)	2.4 gallons (9.1 liters)	
Maximum Inlet Restriction (Hg)	8.86 in. (225 mm)	
Fuel Tank Capacity	67.4 gallons (255 liters)	
Fuel Consumption	gph	lph
At full load	2.3	8.7
At 3/4 load	1.8	6.7
At 1/2 load	1.3	5.1
At 1/4 load	0.8	3.0

* - Use ultra-low sulfur diesel fuel.

Exhaust System	
Gas Flow (full load)	155 cfm (4.4 m ³ /min)
Gas Temperature	918°F (492°C)
Maximum Back Pressure	26.9 in. H ₂ O (6.7 kPa)

Cooling System	
Fan Load	0.62 hp (0.46 kW)
Coolant Capacity (with radiator)	4.75 gallons (18 liters)
Coolant Flow Rate (per minute)	17.7 gallons (67 liters)
Heat Rejection to Coolant (per minute)	1681 Btu (1.77 MJ)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	88.3 cfm (2.5 m ³ /min)
Maximum Air Cleaner Restriction	25 in. H ₂ O (6.23 kPa)
Alternator Cooling Air	526 cfm (14.9 m ³ /min)
Radiator Cooling Air	1656 cfm (46.9 m ³ /min)

Amperage	
Rated Voltage	Maximum Amps
1Ø 120 Volt	80 Amps (4 wire) 108 A x 2 (Zigzag)
1Ø 240 Volt	40 Amps (4 wire) 108 A (Zigzag)
3Ø 240 Volt	86 Amps
3Ø 480 Volt	43 Amps
Main Line Circuit Breaker Rating	110 Amps
Over Current Relay Trip Set Point 480V Mode Only	43 Amps

WARRANTY*

Kubota Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator

24 months from date of purchase or 2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

NOTICE

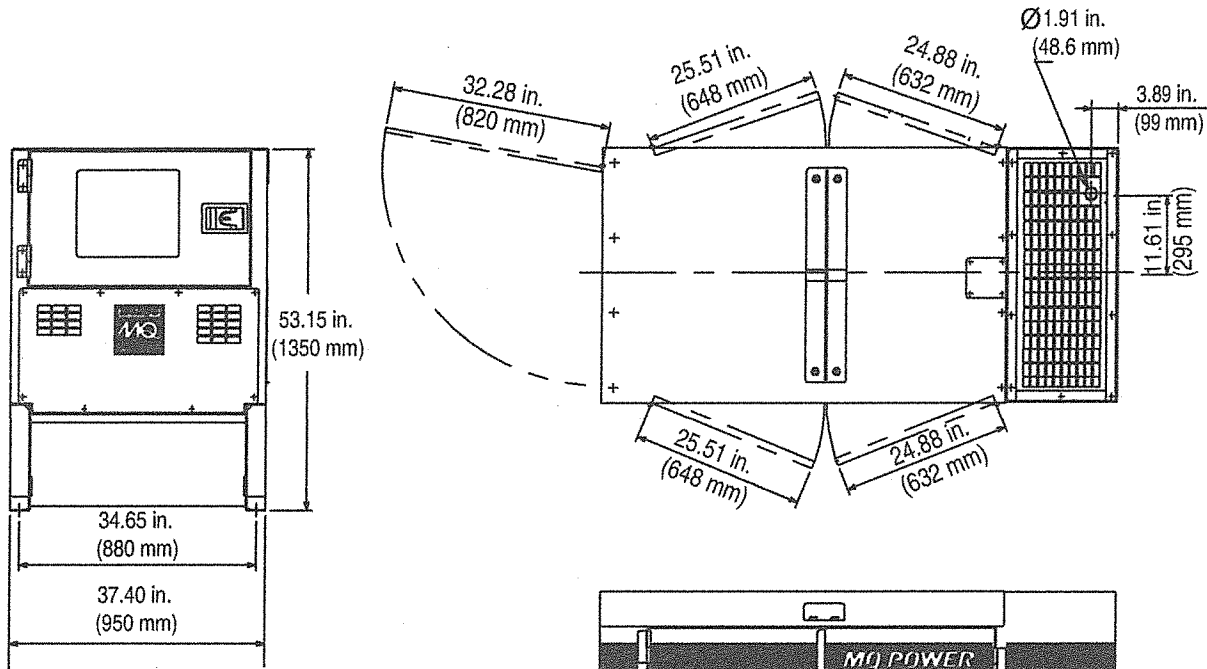
Specifications sheet is subject to change and is not intended for use in installation design.



DCA40SSKU4F2

MQ POWER Series Generator

DIMENSIONS



Weight	
Dry Weight	2,205 lbs. (1000 kg)
Wet Weight	2,735 lbs. (1,240 kg)
Max. Lifting Point Capacity	5,150 lbs. (2,315 kg)

NOTICE

Features and Specifications are subject to change without notice.

Generator can be placed on MQ Trailer Models TRLR45 and TRLR75XF2.

Manufactured by Denyo Co.

Your Multiquip dealer is:





DCA40SSKU4F2

MQ POWER Series Generator

MQ POWER DECIBEL LEVELS

Our soundproof housing allows substantially lower operating noise levels than competitive designs. WhisperWatts are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

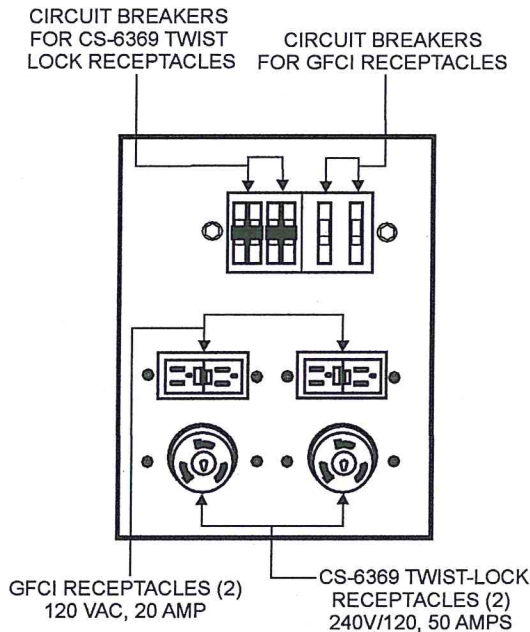
- 90 — Subway / truck traffic
- 80 — Average city traffic
- 70 — Inside car at 60 mph
- 63.0 — **WhisperWatt at 23 feet**
- 60 — Air conditioner at 20 feet
- 50 — Normal conversation



OPTIONAL GENERATOR FEATURES

- X ■ **PowerBalance™** — designed to assist generators when operating under low temperature and/or low load conditions to insure peak performance.
- **Battery Charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heater** — for easy starting in cold weather climates.
- **Heavy-Duty Batteries** — long life batteries provide extra engine cranking power.
- **Low Coolant Level Shutdown** — provides protection from critically low coolant levels. Includes control panel warning light.
- **Spring Isolators** — provide extra vibration protection for standby applications.
- X ■ **Trailer Mounted Package** — meets National Highway Traffic Safety Administration (NHTSA) regulations. Trailer is equipped with electronic or surge brakes with double axle configuration.

GENERATOR OUTPUT PANEL



OPTIONAL CONTROL FEATURES

- **Emergency Stop Switch** — when manually activated shuts down generator in the event of an emergency.
- **Audible alarm** — alerts operator of abnormal conditions.

OPTIONAL OUTPUT CONNECTIONS

- X ■ **Cam-Lok Connectors** — provides quick disconnect alternative to bolt-on connectors.
- **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- **Output Cable** — available in any custom length and size configuration.

— [Handwritten signature]



October 22, 2019

QUOTE # QMONTA102119BB

Montara Water & Sanitary District
 Attention: Julian Martinez
 8888 Cabrillo Highway /PO Box 370131
 Montara, CA 94037
 E-Mail: Julian@coastside.net
 Phone: 650-728-1054

RE: Trailer Mounted 30 kW Generator

Thank you for the opportunity to provide pricing for the generator set and system accessories on the above referenced project. We are pleased to quote as follows:

ITEM 1: Equipment**One (1) MultiQuip DCA40SSKU4F2 Trailer Mounted Generator**

- Kubota / V2403-CR-TIE4BG Diesel Engine
- EPA Tier4 Final, Certified
- Water Cooled, 1800 RPM
- 30.2 kW, Standby Rating, 28.8 kW Prime Rating
- Multi Voltage selector
- Sub-base Fuel Tank, 67.4 gal, 29 hour run @full load
- Sound Attenuated Enclosure, 63 dba @ 23 ft.
- Main Line Circuit Breaker 110 Amp
- 100Amp, 25' cables, pig tail.
- Tandem Axle Trailer, 3500lb GAWR
- Tongue Mounted Swivel Jack, rated 3000lb
- Coupler Options available, can be selected later

Total Price, FOB Job Site, CA- ----- \$39,824.18 (tax not included)

Lead time: Late December 2019

Clarifications:

1. 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.
2. OSHPD paperwork and certification are excluded. This is the responsibility of the customer.
3. **All permits must be obtained prior to installation of the equipment.**
4. For Diesel Engine Generators. **Do not fuel** until pressurized Tank Testing is complete and signed off by local Hazmat authority.
5. "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 us immediately.

Corporate Headquarters:

150 Nardi Lane
 Martinez, California 94553
 Phone 925.229.2700
 Fax 925.229.2702
 Contractor License #757162

Sacramento Branch:

4372 Pinell Street
 Sacramento, California 95838
 Phone 916.564.2622
 Fax 916.564.1083

Possible Adder:

- Pricing: Valid 30-Days from date on quote. Pricing may be adjusted after submittals and air quality acceptance.
- Restocking: A restocking fee of 15% will apply for cancellation after receipt of purchase order and up to 60 days prior to scheduled order shipment date. Cancellation 60 days or less before scheduled shipment date will result in full PO charges.
- Storage: CD & Power will not be held responsible for damage, burglary or vandalism that may occur while equipment is stored at our facility. Storage for more than one month will result in a \$100.00/week storage fee. A secondary shipping and/or crane charge to jobsite may also apply.

Please do not hesitate giving us a call with questions or concerns.

Sincerely,

James Kim
Sales Engineer
925-229-2700 ext.128
James@gotpower.com
Cell: 925-768-1489

Brian Benson
Sales Manager
925-229-2700 ext. 126
Brian@gotpower.com
Cell: 925-375-4607

CONDITIONS OF SALE

The Terms and Conditions of Sale below constitute an Agreement between CD & Power and Customer. The provisions of this agreement supersede all prior agreements, negotiations, representations and warranties whether written, oral or otherwise, and no waiver, alteration, or modification of this agreement shall be binding unless agreed to in writing and signed by both CD & Power and customer.

QUOTATIONS are valid for thirty (30) days from the date of quotation unless agreed to in writing by CD & Power. A Quotation is not a valid acceptance of an offer to sell unless (1), a Purchase Order signed by an authorized representative of the Customer is received by CD & Power or (2), approved by CD & Power Credit Department. Equipment in stock is subject to prior sale.

A recent California Air Resources Board rule requires that a particulate trap be added to generators for jobs located at or within 100 meters of a school grades K through 12 or day care centers. If your jobsite is within these requirements we will be glad to provide you price adders for the installation of a particulate filter.

SPECIAL ORDERS - A nonrefundable deposit is required for all special order equipment and accessories. The deposit will be applied against the balance of the equipment invoice and cancellation charges, if any.

CHANGES AND MODIFICATIONS - Customer agrees to pay for any changes in scope, design or work plan from that ordered. CD & Power shall have the right to subcontract any or all work covered by the sale. Sale is non-assignable by the Customer without prior written approval of CD & Power.

TERMS - All billings are net fifteen (15) days from the date of invoice upon credit approval. Retention is not acceptable. Customers not adhering to payment terms agree to pay delinquency charges of 1.5% per month or the maximum allowable by law, whichever is greater, on the unpaid balance. If CD & Power commences an action to collect amount due the Customer agrees to reimburse CD & Power all collection costs, attorney fees and court costs.

FINAL ACCEPTANCE - Final acceptance shall occur at time of delivery. Offloading is the Customer's responsibility unless otherwise provided for. Storage and interest charges will result when equipment and accessories ready for shipment to the Customer are held in CD & Power inventory due to Customer's inability to accept delivery.

WARRANTY - All implied warranties including without limitation merchantability and fitness for a particular purpose are excluded from this Agreement. CD & Power disclaims all liability for special, incidental, and consequential damages. The only warranty for equipment sold to the Customer shall be the Manufacturer's warranty. CD & Power obligation is limited to rework or replacement of materials necessary to correct any condition of the equipment resulting from defects in material. Manufacturer's warranty is not effective until Start Test is performed by CD & Power. Start and Test must be paid in advance.

RETURNED MERCHANDISE - Equipment, accessories and parts cannot be returned without CD & Power written approval. Equipment, accessories and parts must be in salable condition. Customer must pay transportation costs and restocking charge of twenty-five percent (25%) of invoice amount.

SECURITY INTEREST - CD & Power retains and Customer hereby grants CD & Power a Security Interest in equipment sold, including all accessions to and replacements of the equipment, until the Customer has made payment in full in accordance with the provisions herein. Customer shall cooperate fully with CD & Power in executing such documents as CD & Power may deem necessary for the protection of such Security Interest.

TAXES, LICENSES, PERMITS AND INSURANCE - Customer shall pay to CD & Power the amount of any sales, use, excise, duty or similar tax attributable to the sale covered hereby, whether or not included in the purchase or quotation price. CD & Power will assume no responsibility for obtaining permits or licenses other than those specifically provided for. Customer shall reimburse CD & Power for the cost of providing any insurance related rights or waivers associated with CD & Power existing insurance policies. Where taxes do not apply upon sale or resale, Customer shall provide CD & Power with appropriate exemption certificates.

Customer acknowledges that he has not relied on CD & Power skill or judgment in the selection of equipment and that any technical advice or specifications solicited regarding the equipment shall be used at Customer's own risk. Any noncertified drawings provided are descriptive in nature and not warranties of performance.

Except as expressly provided herein, the Agreement shall be governed, construed, and interpreted by the laws of the State of California. The United Nations Convention on Contracts for the International Sales of Goods (CISG) shall not apply. CD & Power elects to opt out of the CISG. Waiver by CD & Power of any breach of the Terms and Conditions of Sale included herein or on any attachment shall not be construed as a waiver of any other breach. Waiver by CD & Power of any breach must be in writing.

CUSTOMER'S REMEDIES - CD & Power shall not be in default and shall not be liable for delays by equipment manufacturers or suppliers or any other circumstances beyond CD & Power reasonable control. Customer's exclusive and sole remedy on account or in respect of any breach, or to any express or implied warranty, shall be to secure replacement. Correction of any nonconformity shall constitute complete

QMONTA102119BB

fulfillment of all liabilities of CD & Power. CD & Power aggregate liability in any customer claim shall not, under any circumstances, exceed the payment received by CD & Power for the equipment and services furnished. CD & Power liability shall be limited to those claims arising solely from the acts of the CD & Power. CD & Power shall not be liable whether in contract or in tort or under any other legal theory for loss of revenue, use, or profit or for the cost of any labor expended. Customer agrees to indemnify, save and hold CD & Power harmless for any special, direct, indirect, incidental, accidental or consequential damages to anyone by reason of any breach of contract or of any express or implied warranty.

The authorized purchaser identified below accepts this proposal and agrees, upon acceptance by CD & Power, to purchase and pay for this equipment, accessories and service in accordance with the CD & Power Conditions of Sale and Standard Terms & Conditions.

Company Name: _____

Contact Name: _____

Purchaser Authorized Signature: _____

Contact Title: _____

Date: _____

Purchase Order: _____



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **November 21, 2019**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager *CH*

SUBJECT: General Manager's Report

Operations: Operations Department has been preparing and assisting with the, Airport Treatment Plant 3, and Wagner rehabilitation project, and a pump test at Portola 3 Well. Additionally, another potential PG&E outage requires some preparations.

Projects: Construction of the new Airport 3 Treatment Plant is close to completion. Plumbing corrections to fit new hoses are currently implemented. Testing the Treatment Plant will follow the vessel installation.

The Highway 1 crossing Sewer Project is also close to completion. Hydroseeding on MWSD property is still outstanding. A possible change order to further improve the MWSD access road runoff may be brought to the MWSD board soon.

The Wagner Well site and pipeline replacement project has been completed. This allows for a 10 day pump test with further 10 days recovery phase at the Portola 3 Well site. The test will allow State regulators to confirm the accurate sustainable pump rate of the well.

SAM Managers Meeting: A meeting to discuss the scope and involvement of management consulting firms was held at SAM.

RECOMMENDATION:

This is for Board information only.

Attachment