



TRADEWINDS POWER CORP

5820 NW 84th Avenue Miami, Florida 33166
Tel 305-592-9745 FAX 305-592-7461
www.tradewindspower.com

Filters
Pump Sets
Power Units
Generator Sets

Automatic Engine Controls

TO: City of Pinellas Park
6250 82 Ave. N.
Pinellas Park, Fl. 33781
Tel: (727) 369-5841
Attn: Mr. Chris Wade
cwade@pinellas-park.com

Quotation # PSBF10262020Q GEN-1
January 11, 2021

City Hall - 300kw

We are pleased to offer this Quotation as detailed below

Amount	Description	Each	Extended
1	Model TP125 Base Awarded Tradewinds Generator Set under FSA contract No. FSA20-EQU18.0, Spec #133.	49,238	
	Cost adder for Model T300-UL-FS Tradewinds Generator Set;	45,787	95,025
	300 KW (375 KVA) Emergency Standby 277/480 Volts [reconnectable], 60 Hz, Three Phase, 0.8 Power Factor Amp Load Capacity: 451; Load Bank tested. Perkins Diesel engine, Model 2206D.E13TAG3 Tier 3 @ 1800 RPM complete with Volt Electrics, Radiator & Guard Brushless Single Bearing Alternator with PMG and DVR 2000E Automatic Voltage Regulator & Vibration Isolation Mounts Tradewinds NFPA 110 Digital Instrument/Control Panel with Safety Shutdowns Complete with DC Voltmeter, Hourmeter, Oil and Temperature Gauges Frequency Meter, Ammeter & Voltmeter with Phase Selector Switch, Engine Cool Down Timer, Remote "E" Stop Contacts, Remote Auto Start Control, Low Fuel Level Alarm, Breakers for A/C and D/C, and a Emergency Stop Push Button. Optional Equipment included in above pricing: Battery Cables Battery Rack Battery Charger Critical Silencer Stainless Steel Flex Exhaust Connection Heavy Duty Canister Type Air Cleaner Jacket Water Heater Low Water Level Switch Electronic Governor 600 Amp Circuit Breaker, UL Rated 500 Gallon, UL Approved, Steel Subbase Fuel Tank with Rear Electrical Stub-up Area, 4 - 20ma for Fuel Level and Low Fuel Level Alarm. Tank shall be coated with an epoxy corrosion resistant finish and include an automatic diesel fuel tank polishing system with necessary alarms, valves, and hoses. Tank shall also include a corrosion resistant paint finish. Drop Over, Aluminum Sound Enclosure with Vertical Discharge Air, Stainless Steel Hardware, Keyed Alike Doors, Lexan Panel Cover, and Muffler Mounted In Front Turn Hood. A 1" Thick Sound Barrier will be Installed on Interior Walls For Additional Sound Absorption. Oil and Water Drain Lines with Brass Ball Valves and Bulk Head Fittings. Initial Fill of Oil and Antifreeze Full Load Factory Test with Safety Shutdown checks One Complete Operation and Maintenance Manual Shipped with Unit.		
	1500tank-UL-FS - Net cost adder - Supply and install 1500 gallon subbase tank with required fitting, connections, and mounts to match above generator.	5,625	5,625
	Sub Total, FOB our warehouse, Miami, Florida		100,650
	Onsite Start-up and building load test	Inc.	Inc.
	Delivery to the City of Pinellas Park, Fl. Curbside	Inc.	Inc.
	Total		100,650
	State & Local Tax as Applicable		
	Estimated Shipping date from receipt of order: 10 - 12 Weeks		

Price Validity: 45 days; 15% Cancellation Charge for Restocking.
Wire-Transfer: Tradewinds Power Corp Division of Southeast Diesel Corp
F/B/O Wells Fargo Bank
Acct# 4945741023 ABA# 121000248

Bill Fenner



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Quotation # PSBF10262020Q ATS - 3
January 11, 2021

City Hall

We are pleased to offer this Quotation as detailed below

Amount	Description	Each	Extended
1	Model TT600 Automatic Transfer Switch was Awarded to Tradewinds under FSA contract No. FSA20-EQU18.0, Spec #468.	6,781	
	Cost adder for TT1000-FS Thomson Technology Automatic Transfer	<u>4,820</u>	11,601
	1000 amp, 277/480vac, 3ph, 60hz, Thomson Technology Automatic Transfer mounted in a NEMA 3r enclosure with the following Features:		
	Enclosed Contact Power Switching Units:		
	* Fully enclosed silver alloy contacts provide high withstand rating & 100% continuous current rating.		
	* 3 cycle short circuit current withstand tested allows use of non-series rated upstream protection devices.		
	* completely separate utility and generator side switching units provide superior reliability through redundancy (no common parts), as well as excellent serviceability		
	* power switching units can incorporate over current protection.		
	* not damaged if manually switched while in service since contacts have inherent spring over center design.		
	Reliable Motor-Operated Transfer Mechanism:		
	* heavy duty brushless gear motor and operating mechanism provide mechanical interlocking and extreme long life with minimal maintenance		
	* safe manual operation permits easy operation even under adverse conditions.		
	Superior Serviceability		
	* all mechanical control devices are visible and read accessible		
	* all control wires and power busses are front accessible		
	Control Features		
	* TSC-80 microprocessor base controller		
	* Isolation plug permits disconnecting control circuits from all power sources for safety and convenience.		
	Safety Standards		
	* UL 1008 Automatic		
	Transfer Switches for use in Emergency Systems		
	* CSA C22.2 No. 178		
	Total for cost of transfer switch		11,601
	Delete option - IT801-1200-FS. This value is deleted from the awarded switch to determine the net cost per amp for the installation (\$6,781.00 - \$6,706.00 = \$75.00)	-6,706	
	Installation of transfer switch consists of mounting the transfer switch 15 feet away from main power. Installation of generator power, obtain permit, pour pad, set and install generator, and transfer switch.		
	Size of quoted automatic transfer switch is 1000 amps		
	Total cost for install is determined by multiplying size of ATS x cost per AMP.		
	(1000 x \$75.00) for install.	75,000	
	Net Cost adjustment due to site specific equipment requirements to remove ATS, generator, fuel tank and transport to City Pinellas Parks yard. Connect temporary service using City of Pinellas Park generator, mount new generator and fuel tank on existing pad, off load, set, and install new generator and ats with required engineering drawings for permitting. Note, all work will be performed during normal weekly business hours. If it is required to change the ATS out after hours, no additional cost for labor will be added. for overtime requirement.	-2,885	72,115
	Total (Transfer Switch plus Installation)		95,317
	Onsite Start-up and building load test	Inc.	Inc.
	Delivery to the City of Pinellas Park, Fl. Curbside	Inc.	Inc.
	Total		95,317
	State & Local Tax as Applicable		
	Estimated Shipping date from receipt of order: 10 - 12 Weeks		

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