



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

PSBF10282020Q - GEN-1
January 11, 2021

Fire Station #35

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 #114.	49,238	49,238
	Cost deduct for Model T100-UL-FS Tradewinds Generator Set;	-6,117	-6,117
	100 KW (125 KVA) Emergency Standby 120/240 Volts [reconnectable], 60 Hz, Three Phase, 0.8 Power Factor Amp Load Capacity: 301; Load Bank tested. Perkins Diesel engine, Model 1104D.E44TAG2 TIER 3 @ 1800 RPM complete with 12 Volt Electrics, Radiator & Guard Brushless Single Bearing Alternator with Adjustable Rheostat, 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 Exhaust Flex Connection Heavy Duty Canister Type Air Cleaner Jacket Water Heater with brass service valves installed. Electronic Governor 350 Amp Circuit Breaker, UL Rated 200 Gallon, UL Approved, Steel Subbase Fuel Tank with Rear Electrical Stub-up Area, 4 - 20ma for Fuel Level, Low Fuel Level Alarm, Rupture Basin Alarm, and High Fuel Level Alarm. Tank shall also be finished with a corrosive resistant finish to prolong tank erosion. Drop Over, Aluminum Sound Enclosure with Vertical Discharge Air, Stainless Steel Hardware, Keyed Alike Doors, 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.		
	T-500tank-FS - To upgrade Standard sub base fuel tank to a 500 gallon tank FDEP compliant and UL142.	5,860	5,860
	Sub Total, FOB our warehouse, Miami, Florida		48,981
	Onsite Start-up and building load test. Fuel by others.	Inc.	Inc.
	Delivery to Maitland, Fl. Curbside. Off-Loading by others.	Inc.	Inc.
	Total		48,981
	State & Local Tax as Applicable		
	Estimated Shipping date from receipt of order: 16 - 18 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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PSBF10282020Q - ATS - 2
January 11, 2021

Fire Station #35

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	
	TT-400-FS Credit - Downgrade to 400amp Thomson Automatic Transfer Switch		
	400amp, 120/240vac, 3ph, 60hz, Thomson Technology Automatic Transfer Switch mounted in a NEMA 3r enclosure (wall mount) with the following features:	-2,280	4,501
	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		4,501
	Delete option - IT201-400-FS. This value is deleted from the awarded switch to determine the net cost per amp for the installation (\$6,781.00 - \$6,701.00 = \$80.00)	-6,701	
	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 400 amps		
	Total cost for install is determined by multiplying size of ATS x cost per AMP.		
	(400 x \$80.00) for install.	32,000	
	Non-scheduled option due to site specific equipment requirements to remove ATS, generator, existing concrete pad, fuel tank and transport to City Pinellas Parks yard. Connect Temporary service using City of Pinellas Park generator, provide new concrete pad for new generator and fuel tank, off load, set, and install new generator and ats with required engineering drawings for permitting.	12,743	44,743
	Sub Total, FOB our warehouse, Miami, Florida		49,244
	Onsite Start-up, building load test, and Training performed during same day.	Inc.	Inc.
	Delivery to Maitland, Fl. Curbside. Off-Loading by others.	Inc.	Inc.
	Total		49,244
	State & Local Tax as Applicable		
	Estimated Shipping date from receipt of order: 8 - 10 Weeks		

Price Validity: 45 days; 15% Cancellation Charge for Restocking.

Wire-Transfer: Tradewinds Power Corp Division of Southeast Diesel Corp

F/B/O PNC Bank

Acct# 8025724597 ABA# 031207607

Bill Fenner