

**TRADEWINDS****POWER CORP**

5820 NW 84th Avenue • Miami, Florida 33166
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 www.tradewindspower.com

Filters
 Pump Sets
 Power Units
 Generator Sets
 Automatic Engine Controls

TO: City of Pinellas Park
 6101 78th Ave N. Bldg. D
 Pinellas Park, Fl. 33781
 Tel: (727) 369-5841
 Attn: Mr. Chris Wade
 cwade@pinellas-park.com

PSBF04092021Q - ATS -1
 May 17, 2021

Old Public Works Building "D"

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 TS870 Thomson Automatic Transfer Switch		
	400amp, 120/240vac, 1ph, 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)		
	Installation of transfer switch consists of mounting the transfer switch 15 feet away from main power. Installation of generator power, customer 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	
	Net cost reduction due to site specific equipment requirements to remove ATS, generator from existing concrete pad and reuse pad, set new ATS inside, All underground cutting, digging and repairing by the City, transport old equipment to City of Pinellas Park yard. Electrical permit (permit fees waived as per Chris Wade), Removal of old fuel and new fuel by the City of Pinellas Park, and Coordinate power outage with Chris for fuel island power.	-14,700	17,300
	Sub Total, FOB our warehouse, Miami, Florida		21,801
	Onsite Start-up, building load test, and Training performed during same day.	Inc.	Inc.
	Delivery to the City of Pinellas Park, Fl. Curbside. Off-Loading by others.	Inc.	Inc.
	Total		21,801
	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		
			\$50,669.00
		Bill Fenner	



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PSBF04092021Q - GEN -1
May 17, 2021

Amount	Description	Each	Extended
1	<p>Model TP125 Base Awarded Tradewinds Generator Set under FSA contract No. FSA20-EQU18.0, Spec #114.</p> <p>Cost deduct for Model T20-UL-FS Tradewinds Generator Set;</p> <p>20 KW (20 KVA) Emergency Standby 120/240 Volts [dedicated], 60 Hz, Single Phase, 1.0 Power Factor Amp Load Capacity: 83; Load Bank tested.</p> <p>Perkins Diesel engine, Model 404D-22G TIER 4I @ 1800 RPM complete with 12 Volt Electrics, Radiator & Guard</p> <p>Brushless Single Bearing Alternator with Adjustable Rheostat, Automatic Voltage Regulator & Vibration Isolation Mounts</p> <p>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.</p> <p>Optional Equipment included in above pricing:</p> <ul style="list-style-type: none"> 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 100 Amp Circuit Breaker, UL Rated 50 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. <p>T-150tank-FS - To upgrade Standard sub base fuel tank to a 150 gallon tank FDEP compliant and UL142.</p> <p>Sub Total, FOB our warehouse, Miami, Florida</p> <p>Onsite Start-up and building load test. Fuel by others.</p> <p>Delivery to the City of Pinellas Park, Fl. Curbside. Off-Loading by others.</p> <p>Total</p> <p>State & Local Tax as Applicable</p> <p>Estimated Shipping date from receipt of order: 16 - 18 Weeks</p>	<p>49,238</p> <p>-22,750</p> <p>2,380</p> <p>Inc.</p> <p>Inc.</p>	<p>49,238</p> <p>-22,750</p> <p>2,380</p> <p>Inc.</p> <p>Inc.</p> <p>28,868</p>
Price Validity: 45 days; 15% Cancellation Charge for Restocking.			
Wire-Transfer: Tradewinds Power Corp Division of Southeast Diesel Corp E/B/O Wells Fargo Bank			