



Job Quote

ELECTRIC MOTOR WORKS, INC.
 8951 Trussway Blvd, Orlando, FL 32824
 Phone: 407-859-1837 / Fax: 407-859-2584

Job Quote No.:	000670
Quote Date:	06/05/20
Page:	1

Sold To:	Customer Number: CI0030	Ship To:	Ship To Number: 000001
	CITY OF COCOA ACCOUNTING DIVISION 65 STONE STREET COCOA, FL 32922		CITY OF COCOA DYAL WATER TREAT PLANT 28400 STATE ROAD 520 CHRISTMAS, FL 32709

Order	Item #/Description/Notes	Unit Price	Extension
	Nameplate Data: HP:1000, FRAME:4500, RPM:900, MFG:ELECTRIC MACHINERY, VOLTS:4000, SERIAL #:369160011, TYPE:SYNC MOTOR, ENCL:AIR BOX VE, AMPS:113, SVC FACTOR:1.15		
	Special Instructions: SYNCHRO-PAC BRUSHLESS SYNCHRONOUS MOTOR PROVIDE WORSE CASE SCENARIO PRICING FOR REBUILDING MOTOR PRICE IS BASED ON UNIT RUNNING AT TIME OF DISCONNECT		
	PICK UP MOTOR FROM PLANT: (NO CHARGE) PERFORM INCOMING ELECTRICAL TEST AND RECORD DATA INSPECT AND TAKE INCOMING PICTURES DISMANTLE NO CHARGE ANALYZE UNIT STEAM CLEAN STATOR BAKE DRY STATOR WINDINGS STEAM CLEAN & BAKE EXCITER COMPONENTS BAKE DRY EXCITER COMPONENTS PERFORM ELECTRICAL TEST ALL WINDINGS MEASURE ALL MECHANICAL FITS & RECORD RESIN TREAT STATOR WINDINGS RESIN TREAT ROTOR WINDINGS RESIN TREAT ALL ELECTRICAL WINDINGS USING CLASS H EPOXY RESIN REMOVE EXCESS RESIN		

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Order	Item #/Description/Notes	Unit Price	Extension
	DYNAMIC BALANCE ROTOR		
	FURNISH & INSTALL STANDARD BEARINGS		
	ASSEMBLE SYNCHRONOUS MOTOR		
	TEST RUN MOTOR		
	PERFORM VIBRATION ANALYSIS		
	PAINT PER CUSTOMER SPECIFICATIONS		
	DELIVERY UNIT BACK TO PLANT (NO CHARGE)		
	PROVIDE FINAL REPORT WITH DELIVERY AS AS A DIGITAL COPY TO ALL PARTIES		
	BEARING		
	STANDARD BEARING		
	BEARING		
	STANDARD BEARING		
	MISC. MATERIAL		
	MISC. MATERIAL		
	LABOR HRS 550 AT \$25.00/HR = \$13,750.00		
	MATERIALS COST \$7,730.78 @5%=\$8,117.32		
	TOTAL RECONDITION PRICE: \$21,867.32		
	ALL WORK PERFORMED WITH PEV (PROVEN EFFICIENCY VERIFICATION) PROCESSES AND PROCEDURES.		
	ADDITIONAL PRICE FOR STATOR REWIND: PERFORM CORE LOSS TEST HEAT CLEAN STATOR USING A TEMPERATURE CONTROLLED OVEN WITH CALIBRATED CHART RECORDER STRIP OUT WINDINGS PERFORM CORE LOSS TEST REWIND STATOR PERFORM ELECTRICAL VERIFICATION TEST		

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Order	Item #/Description/Notes	Unit Price	Extension
	VPI STATOR WINDINGS USING CLASS H EPOXY BAKE CURE STATOR WINDINGS REMOVE EXCESS RESIN FORM COILS PROVIDE FORM COILS AS PER SPECIFICATION WIND WINDING MATERIAL LABOR HRS 880@\$25.00 = \$ 22,000.00 MATERIAL COST \$17,208.10 @ 5%=\$18,068.50 STATOR REWIND PRICE: \$40,068.50		
	ADDITIONAL PRICE FOR ROTOR REWIND HEAT CLEAN ROTOR POLES USING A TEMPERATURE CONTROLLED OVEN WITH CALIBRATED CHART RECORDER STRIP OUT ROTOR POLES REWIND ROTOR VPI ROTOR USING CLASS H EPOXY RESIN BAKE CURE ROTOR REMOVE EXCESS RESIN COILS PROVIDE COILS AS PER SPECIFICATION WIND WINDING MATERIAL LABOR HRS 1,250 @\$25.00 = \$31,250.00 MATERIAL COST \$18,254.59 @5%=\$19,167.32 ROTOR REWIND PRICE: \$50,417.32		
	TOTAL FOR WORSE CASE SCENARIO PRICE COMBINED LABOR AND MATERIALS ABOVE: LABOR 2,680 HRS @\$25.00 = \$67,000.00		

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