

MEMORANDUM

To: All Interested Quoters

Date: June 27, 2014

Request for Quotation #14-2180-OV

Subject: Repair / Refurbishment and / or Rewind of Submersible
Pumps and Electric Motors – **ADDENDUM #3**



Quoters are hereby notified that this Addendum shall be acknowledged on page 22 of the Quote Form and made a part of the above named quoting documents. Quotes submitted without acknowledgement of the Addendum may be considered incomplete.

The following items are issued to add to, modify, and clarify the quoting documents. These items shall have the same force and effect as the original quoting documents, and cost involved shall be included in the quote prices. Quotes to be submitted on the specified quote date, shall conform to the additions and revisions listed herein.

The deadline of June 10, 2014 to submit all inquiries concerning interpretation, clarification or additional information for this quote been extended through July 3, 2014. This deadline has been established to maintain fair treatment for all potential quoters, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

Question 1

I'd like to submit the following questions for clarification for the above referenced bid: The prices for rebuilding a pump and motor cannot be bid at the same dollar amount because a pump has many more parts and requires many more hours to repair it compared to a motor, 2 different prices should be required for these 2 different things.

Are the prices for the rewinds and the prices for the reconditions to include all of the parts required to do the work in the price, or is this bid line item price just for the labor only and the parts are to be billed at the cost + percentage mark up? If the parts are to be included then the problem is that just bidding the lines by HP alone instead of brand name and model # would not allow for a realistic price, because depending on name brand, for example a 10 HP Hydromatic will have about \$ 150 worth of parts in it but the same 10 HP Flygt brand pump will have about \$ 1,500 worth of parts in it.

Response 1

The prices for the Rewind and the prices for the Reconditioning are for **labor only**. All parts / materials required for the Repair / Reconditioning and / or Rewind of Submersible Pumps (including motors) and / or Electric Motors (in order to be operational), are to be billed at the cost + percentage markup. A revised Quote Form is attached.

All Quote Replies are due July 11, 2014 at 4:00 PM

Financial Management
Purchasing Division
1112 Manatee Ave W Suite 803, Bradenton, FL 34205
Phone number: (941)749-3014

June 27, 2014

Request for Quotation #14-2180-OV

Repair / Refurbishment and / or Rewind of Submersible Pumps and Electric Motors

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Question 2

The structure of this bid request is asking us to quote repair of pumps and electric motors as if they are equal and only defined by their HP rating. Pumps are much more expensive to repair than motors. The only wearable item on an electric motor are the bearings; pumps have more wearable parts, such as seals, gaskets, sleeve, wear rings, impeller, oils, etc. To further complicate this issue, not all pumps are equal. Here is an example... a 5hp electric motor recondition could run \$125-\$175 depending on the bearings size; to recondition a 5hp pump we could be anywhere between \$800 (Goulds pump) - \$2000 (Hydromatic pump) depending on the brand. As you can see, this makes it impossible to give a fair estimate based on your quote form structure.

My question is, can the motors, at the very least, be separated from the pump?

Response 2

The County has provided information to distinguish Electric Motors and Submersible Pumps. The County has provided detailed information relating to Horsepower, RPMs, and Voltage.

Question 3

1. Can the County please distinguish the voltages related to each group of motors being quoted. The County has single phase 230-volt motors, 3-phase 230-volts, 460-volts and 4160-volts.

The County would need at a minimal to distinguish between pumps and motors concerning its horsepower ranges. Then there is a significant difference in the speed of each horsepower.

Response 3

See Response 2.

Question 4: Please clarify Emergency Repairs and how is this to be priced?

Response 4:

As stated on **page 19 of the Request for Quotation**: "Any emergency repairs required which are a result of an unexpected and urgent request where health and safety of the public is at risk shall be completed and returned to the pickup location within forty-eight (48) hours after notification by the County. Failure to meet this requirement will be deemed materials breach of contract and may cause termination of this contract."

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Response 4 (Emergency Repairs – continued)

Vendor shall provide an Hourly Rate for Emergency Repairs which shall include transportation, pickup and delivery, labor, equipment, teardown, testing, evaluation for the Repair / Recondition and Or Rewind of Submersible Pumps and / Or Electric Motors, returning equipment (fully operational) to its intended location.

All parts / materials required for the Repair / Recondition and / or Rewind of Submersible Pumps and / Or Electric Motors are to be billed at cost + percentage markup.

Question 5: Qualifications of Contractor: Does the Vendor's Shop require the shop to be UL Certified as an Explosion-Proof UL Facility.

Response 5: The Contractor or his Sub-Contractor is required to be a UL Certified Explosion-Proof UL Facility. A copy of the certification shall be provided with the Quote Response.

NOTE #1: Deletions:
Machine Work (page 18)

Delete: Last Line: Machine work shall be billed in increments of fifteen (15) minutes.

NOTE #2: Add under Technical Specifications:
Return of Materials:

Any and all replaced parts / materials shall be returned to the intended location to be disposed of by the County.

Note #3: Quote Form

The Quote Form is based on estimated quantities for repair. Exact repair quantities cannot be determined at this time. (2 total pages).

The Horsepower, RPMs and Voltages included with the Submersible Pumps and / Or Electric Motors are not limited to the attached and are provided for reference only. (15 total pages).

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Quote replies may be submitted by email, fax or hand delivered to the Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205.

All Quote replies are due July 11, 2014 at 4:00 PM

Sincerely,



Olga Valcich, CPPB
Contract Specialist
Purchasing Division

DWW

OV (17 total pages attached)

RFQ #14-2180-OV – Addendum #3 (6.27.2014)
QUOTE FORM FOR REPAIR, RECONDITIONING AND / OR REWINDING OF SUBMERSIBLE PUMPS
AND/OR ELECTRIC MOTORS

LINE ITEM NO.	DESCRIPTION / ESTIMATED QUANTITIES	ESTIMATED QTY	U/M	HOURLY RATE	EXTENDED COST
1	Regular Hourly Rate		HR	\$	\$
	% of Markup for All Parts & Materials required for Repair/ Reconditioning and / Or Rewind of Submersible Pumps (including motor) and / Or Electric Motors to operational condition. (% of Markup Not to Exceed 15%).	\$17,000.00	%		
2	GRAND TOTAL (Items 1 through 2 Award shall be based on the Grand Total of Items 1 through 3.				\$
3	Tear Down Inspection (TDI) Charge when Submersible Pump and / Or Electric Motor is inspected and determination is made by the County NOT to repair.	30	HR	\$	\$
4	Emergency Repairs: Hourly rate – Vendor shall provide transportation, pickup and delivery, labor, equipment, teardown, testing, evaluation for the Repair / Refurbishme and / or Rewind of Submersible Pumps and / or Electric Motors, returning equipment (fully operational) to its intended location.	15	HR	\$	\$
5	Overtime Hours – Overtime is defined as being between the hours of 5:01 PM through 7:59 AM, Monday through Friday and anytime Saturday, Sunday or during holidays observed by Manatee County.	25.	HR	\$	\$

June 27, 2014

Addendum #3

BIDDER _____

AUTHORIZED SIGNATURE: _____

SUBMERSIBLE PUMPS (INCLUDING MOTORS)

Repair / Refurbishment / Recondition / Rewind of Submersible Pumps			
DESCRIPTION			
1 0.1 - 2 HP			
2 230 /460 Volts - 0 - 1800 RPM			
3 230/460 Volts -1801 and up RPPM			
4 2.1 - 3.9 HP			
5 230/460 Volts - 0 - 1800 RPM			
6 230/460 Volts - 1801 and up RPPM			
7 4.0 - 5 HP			
8 230/460 Volts - 0 - 1800 RPM			
9 230/460 Volts - 1801 and up RPPM			
10 5.1 - 7.5 HP			
11 230/460 Volts - 0 - 1800 RPM			
12 230/460 Volts - 1801 and up RPPM			

BIDDER: _____

AUTHORIZED SIGNATURE: _____

SUBMERSIBLE PUMPS (INCLUDING MOTORS)

Repair / Refurbishment / Recondition / Rewind of Submersible Pumps				
DESCRIPTION				
13 7.6 - 10 HP				
14 230/460 Volts - 0 - 1800 RPM				
15 230/460 Volts - 1801 and up RPM				
16 10.1 - 15 HP				
17 230/460 Volts - 0 - 1800 RPM				
18 230/460 Volts - 1801 and up RPM				
19 15.1 - 20 HP				
20 230/460 Volts - 0 - 1800 RPM				
21 230/460 Volts - 1801 and up RPM				
22 20.1 - 25 HP				
23 230/460 Volts - 0 - 1800 RPM				
24 230/460 Volts - 1801 and up RPM				

BIDDER: _____

AUTHORIZED SIGNATURE: _____

SUBMERSIBLE PUMPS (INCLUDING MOTORS)

Repair / Refurbishment / Recondition / Rewind of Submersible Pumps			
DESCRIPTION			
25 25.1 - 30 HP			
26 230/460 Volts - 0 - 1800 RPM			
27 230/460 Volts - 1801 and up RPM			
28 30.1 - 40 HP			
29 230/460 Volts - 0 - 1800 RPM			
30 230/460 Volts - 1801 and up RPM			
31 40.1 - 50 HP			
32 230/460 Volts - 0 - 1800 RPM			
33 230/460 Volts - 1801 and up RPM			
34 50.1 - 60 HP			
35 230/460 Volts - Volts 0 - 1800 RPM			
36 230/460 Volts - 1801 and up RPM			

BIDDER: _____

AUTHORIZED SIGNATURE: _____

SUBMERSIBLE PUMPS (INCLUDING MOTORS)

Repair / Refurbishment / Recondition / Rewind of Submersible Pumps							
DESCRIPTION							
37	60.1 - 75 HP						
38	230/460Volts - 0 - 1800 RPM						
39	230/460 Volts - 1801 and up RPM						
40	75.1 - 100 HP						
41	230/460 Volts - 0 - 1800 RPM						
42	230/480 Volts - 1801 and up RPM						
43	101.1 - 125 HP						
44	230/460 Volts - 0 - 1800 RPM						
45	230/460 Volts - 1801 and up RPM						
46	125.1 - 150 HP						
47	230/460 Volts - 0 - 1800 RPM						
48	230/460 Volts - 1801 and up RPM						

BIDDER: _____

AUTHORIZED SIGNATURE: _____

SUBMERSIBLE PUMPS (INCLUDING MOTORS)

	Repair / Refurbishment / Recondition / Rewind of Submersible Pumps										
	DESCRIPTION										
49	150.1 - 175 HP										
50	230/460 Volts - 0 - 1800 RPM										
51	230/460 Volts - 1801 and up RPM										
52	175.1 - 200 HP										
53	230/460 Volts - 0 - 1800 RPM										
54	230/460 Volts - 1801 and up RPM										
55	200.1 - 250 HP										
56	230/460 Volts - 0 - 1800 RPM										
57	230/460 Volts - 1801 and up RPM										
58	250.1 - 300 HP										
59	230/460 Volts - 0 - 1800 RPM										
60	230/460 Volts - 1801 and up RPM										

BIDDER: _____

AUTHORIZED SIGNATURE: _____

ELECTRIC MOTORS

ITEM NO.	DESCRIPTION						
1	HP RANGE: .75 - 1						
2	DC 90 Volts						
3	HP RANGE: 1 - 5						
4	AC 208 / 230 / 480 Volts						
5	HP RANGE: .75 - 5						
6	AC 208 / 230 / 460 Volts						
7	HP RANGE: 6 - 20						
8	AC 208 / 230 / 460 Volts						

BIDDER: _____

AUTHORIZED SIGNATURE: _____

ELECTRIC MOTORS

ITEM NO.	DESCRIPTION			
	Repair / Refurbishment / Recondition / Rewind of Electric Motors			
9	HP RANGE: 21 - 30			
10	AC 208 / 230 / 460 Volts			
11	HP RANGE: .17 - 1.99			
12	AC 230 / 460 Volts			
13	HP RANGE: 2 - 24			
14	AC 230 / 460 Volts			
15	HP RANGE: 15 - 35			
16	AC 230 / 460 Volts			

BIDDER: _____

AUTHORIZED SIGNATURE: _____

ELECTRIC MOTORS

ITEM NO.	DESCRIPTION												
	Repair / Refurbishment / Recondition / Rewind of Electric Motors												
17	HP RANGE: .33 - 2												
18	AC 115 / 230 Volts												
19	HP RANGE .33 - 2												
20	AC 115 / 208 / 230 Volts												
21	HP RANGE: 200												
22	AC 480 Volts												
23	HP RANGE: .17 - 20												
24	AC 460 Volts												

BIDDER: _____

AUTHORIZED SIGNATURE: _____

ELECTRIC MOTORS

ITEM NO.	DESCRIPTION						
	Repair / Refurbishment / Recondition / Rewind of Electric Motors						
25	HP RANGE: 21 - 60						
26	AC 460 Volts						
27	HP RANGE: 100 - 250						
28	AC 460 Volts						
29	HP RANGE: 251 - 350						
30	AC 460 Volts						
31	HP RANGE: 200						
32	AC 480 Volts						

BIDDER: _____

AUTHORIZED SIGNATURE: _____

ELECTRIC MOTORS

ITEM NO.	DESCRIPTION												
	Repair / Refurbishment / Recondition / Rewind of Electric Motors												
33	HP RANGE: 250												
34	AC 4160 Volts												
35	HP RANGE: 600												
36	AC 4160 Volts												
37	HP RANGE: 150												
38	AC 2300 Volts												
39	HP RANGE: 300												
40	AC 2300 Volts												

BIDDER: _____

AUTHORIZED SIGNATURE: _____

REQUEST FOR QUOTATION #14-2180-OV
Repair / Refurbishment / Rewind of ELECTRIC MOTORS
(LIST OF ELECTRIC MOTORS, Include but are Not Limited To :)
Exhibit #1
For Reference Only - Addendum #3

Manufacturer	Model	HP	RPM	Volts	AC/DC
TOSHIBA	B0052FLF2AK	5	3480	230/460	AC
BALDOR	M70447	5	1725	230/460	AC
USEM	7971	30	1775	460	AC
LIMITORQUE	L120-80	2.6	1700	460	AC
LIMITORQUE	F-MBO-W00-03P1	0.4	3465	230/460	AC
LIMITORQUE	F-M30-X00-03P1	0.17	870	230/460	AC
BALDOR	9C4603FC-D	0.5	1725	460	AC
LIMITORQUE	F-MBO-W00-03P1	0.4	3465	230/460	AC
LIMITORQUE	L120-40	1.97	3450	230/460	AC
EIM	91C4603F12	12- Jan	1725	460	AC
BALDOR	M3218T	5	1750	208-230/460	AC
LIMITORQUE	L120-20	0.49	1725	230/460	AC
LIMITORQUE	L120-20	0.49	1725	230/460	AC
NORD	SK100L A/4	5	1725	230/460	AC
BALDOR	CAT. M23A 93622031-01	1	1750	90	DC
LIMITORQUE	L120-10	0.33	1725	230/460	AC
LIMITORQUE	L120-10	0.33	1700	115/230	AC
LIMITORQUE	L120-20	0.49	1725	230/460	AC
DYNAMATIC	40-643641-0025	60	1750	460	AC
MARATHON	JVN215TTDR7026GNW	10	1745	230/460	AC
USEM		200	1780	480	AC
LIMITORQUE	F-MBO-WOO-03P1	0.4	3465	230/460	AC
RELIANCE	ID#1MAF55809 G4 NS	10	1175	230/460	AC
RELIANCE	ID#1MAF55809 G6 NS	10	1175	230/460	AC
RELIANCE	ID#1MAF53809 G2 NS	10	1175	230/460	AC
RELIANCE	ID# 1MAF55809 G1 NS	10	1175	230/460	AC
RELIANCE	ID# 1MAF55672- G2 ZR	10	885	230/460	AC
RELIANCE	ID# 1MAF55672- GI ZR	10	885	230/460	AC
RELIANCE	ID# 1MAF55809 G5 NS	10	1175	230/460	AC
EATON	40644471-0007	300	1775	460	AC
BALDOR	9C4603FC-F	1	1725	460	AC
EIM	91C4603F12	12-	1725	460	AC
EIM	91C4603F50	-50	1725	460	AC

BALDOR	9C4603FC-C	0.25	1725	460	AC
			1725	460	AC
EIM	91C4603F50	-50	1725	460	AC
EIM	91C4603F12	12-	1725	460	AC
TOSHIBA	B0024FGF2A4	2	1725	230/460	AC
G.E.	5K6326XC509A	350	1180	460	AC
G.E.	8336367601	600	1180	4160	AC
G.E.	5KS511DT8003MHB	250	895	4160	AC
G.E.	5KS326DP6024	50	1780	460	AC
G.E.	5K815533C100	300	1765	2300	AC
LIMITORQUE	F-MBO-V00-03P1	0.2	1730	230/460	AC
GENERAL ELECTRIC	8336367601	600	1180	4160	AC
LIMITORQUE	F-MBO-W00-03P1	0.4	3465	230/460	AC
LIMITORQUE	F-M40-V00-03P1	0.5	1725	230/460	AC
LIMITORQUE	SMB, SIZE 000	0.33	1700	115/230	AC
LIMITORQUE	F-N70-V00-03P1	1	1740	230/460	AC
LIMITORQUE	F-M30-X00-03P1	0.17	870	230/460	AC
MARATHON	WVJ145TTDR 5331AA L	2	1740	208-230/460	AC
MARATHON	9VJ145TTDR 5631BD P	2	1735	208-230/460	AC
MARATHON	WVF184TTDR7026DG L	5	1740	208-230/460	AC
MARATHON	2VE184TTDR7026DJ L	5	1740	208-230/460	AC
BALDOR	M3611T SPEC.#35L100T098H1	3	1750	208-230/460	AC
BALDOR	VM8007T	5	1725	208-230/460	AC
BALDOR	M00-92772736-02	1	1750	90	DC
BALDOR	VM8005T	2	1725	208-230/460	AC
BALDOR	VM8005T	2	1725	230/460	AC
USEM		50	1775	460	AC
USEM	ID# G44377	200	1780	460	AC
SEW-EURODRIVE	DF34BDV112M4 SEVERE DUTY	5	1995	230/460	AC
USEM	ID# G44377	200	1780	460	AC
USEM	F-2	150	1800	2300	AC
USEM	F-2	300	1200	2300	AC
USEM	9985/503R321R001R-10	100	1775	460	AC
USEM	E194B/ CAT#E194	5	1745	208-230/460	AC
USEM	AF16A CAT #U3E3D	3	1180	208-230/460	AC
USEM	ID#65-08272-525 F070783	0.75	1745	230/460	AC
US MOTOR	E183A	0.75	1750	208-236/460	AC
USEM	62-01530-281 G2190174	3	1725	230/460	AC
USEM	62-01233-277 G2170116	5	1715	230/460	AC
USEM	N06N1050549F	5	1735	230/460	AC
USEM	E194B/ CAT#E194	5	1745	208-230/460	AC
USEM	62-01530-281 G2190174	3	1725	230/460	AC

USEM	62-01233-277 G2170116	5	1715	230/460	AC
USEM	ID #62-01233-277 G2170116	5	1715	230/460	AC
USEM	E194B/ CAT#E194	5	1745	208-230/460	AC
USEM	62-01530-281 G2190174	3	1725	230/460	AC
USEM	ID #62-01530-281 G2190174	3	1725	230/460	AC
USEM		200	1780	480	AC
SIEMENS-ALLIS	120	350	1180	460	AC
INGERSOLL-RAND	D30ES-P	30	3560	230/460	AC
INGERSOLL RAND	32036006	10	1755	230/460	AC
RELIANCE	P25G1063F	15	1760	230/460	AC
RELIANCE	P25G1063F	15	1760	230/460	AC
RELIANCE	P25G3330E-G02-TP/MN1139	15	1770	230/460	AC
RELIANCE	P25G3330E-G01-SP/MN9833	15	1770	230/460	AC
RELIANCE	P25G3330G / G7 UO	15	1765	230/460	AC
RELIANCE	P25G3330E G07 1P / MN1139	15	1770	230/460	AC
RELIANCE	P18G3396 CTP	5	1750	230/460	AC
WEG	00518EP3E184T	5	1750	208-230/460	AC
RELIANCE	ID# P18G3396 C TP	5	1750	230/460	AC
RELIANCE	P21G431F LX	3	1170	230/460	AC
TECO	3A256C 6002 - M	10	1170	230/460	AC
US MOTORS	S505	15 HP	1775	208-230/460	AC
U.S. MOTORS	S511	30HP	1775	460/230-208	AC
GE	5KS286BD305	20	1175	200-230/460	AC
G.E.	5K6326XC509A	350	1180	460	AC
GE	5KS286BD305	20	1175	200-230/460	AC
USEM	7971	30	1775	460	AC
SEW-EURODRIVE	DF34BDV112M4 SEVERE DUTY	5	1995	230/460	AC
MARATHON	WVJ145TTDR 5331AAL	2	1740	208-230/480	AC
US MOTORS	D150E4CS-P	150	890	460	AC
US MOTORS	D125E4CS-P	125	890	460	AC
G.E.	5KS511DT7414MHB	500	1185	4160	AC
BALDOR	M3611T SPEC.#35L100T098H1	3	1750	208-230/460	AC
GE	5KE182AC205B	3	1750	230/460	AC
MARATHON	AD 447TSTDN7026FD W	300	1780	460	AC
LEESON	C145K17FB3H	1.5	1740	115/208-230	AC
LIMITORQUE	F-M30-X04-03P6	0.17	870	460	AC
TOSHIBA	B0024FGF2A4	2	1725	230/460	AC
EIM	91C4603F50	Jan-50	1725	460	AC
EIM	91C4603F12	12-Jan	1725	460	AC
EIM	91C4603F50	Jan-50	1725	460	AC
EIM	91C4603F12	12-Jan	1725	460	AC

LIMITORQUE	L120-10	0.2	1700	460	AC
USEM		125	1780	460	AC
LIMITORQUE	F-M30-X04-03P6	0.17	870	460	AC
LIMITORQUE	F-M30-V04-03P6	0.33	1730	460	AC
NORD	SK100L A/4	5	1725	230/460	AC
FLYGT	3152-120	20	1750	230/460	AC
HYDROMATIC	5 S4L2000M4-4 87	20		460	AC
FLYGT	3152-120	20	1750	230/460	AC
HYDROMATIC	S6A2500M4-4	25	1750	460	AC
HYDROMATIC	S6A2500M4-4 3-00	25	1750	460	AC
LIMITORQUE	F-M70-V00-03P1	1	1740	460	AC
SEW-EURODRIVE	DFT 90SH-KS	1.5	1740	230/460	AC
MARATHON	FVC 56H17T2017A P	0.5	1730	230/460	AC
MARATHON	FVC 56T34F5322E P	0.75	3450	208-230/460	AC
SEW-EURODRIVE	DFT90S4-KS	1.5	1740	230/460	AC
MARATHON	FVC 56H17T2017A P	0.5	1730	230/460	AC
WEG	005361EP3E184T	5	3460	208-230/460	AC
LEESON	EVN286TTDP8640ABL	30	1760	230/460	AC
ABS	AFP1040.1 M35/4	4.7	1750	460	AC
ABS	AFP-004	4		460	AC
ABS	AFP-003	3		460	AC
U.S. MOTORS		250	713	460	AC
LEESON	C145K11FB1C	1	1140	115/208-230	AC
LEESON	C145K11FBI1	1	1140	115/208-230	AC
MARATHON	FWK 215TTFW7094ACL	5	1155	230/460	AC
BALDOR	CDP3445	1	1750	90	DC
ABS	ME185/4 03684618	24.8	1750	460	AC
GENERAL ELECTRIC	5K6318XC407A	200	880	460	AC
USEM	62-01233-277 G2170116	5	1715	230/460	AC
WEG	025180P3E284T	25	1765	208-230/460	AC
BALDOR	VM8007T	5	1725	208-230/460	AC
BALDOR	VM8005T	2	1725	230/460	AC
SEW-EURODRIVE	DFT 100LS4-KS	3	1720	230/460 Y	AC
MARATHON	FVK 56T34F5322E P	0.75	3450	208-230/460	AC
BALDOR	VM3534 34A63-884	0.33	1725	230/460	AC
MARATHON	56H17T2018 A	0.5	1725	230/460	AC
SEW-EURODRIVE	DFT 100LS4-KS	3	1720	230/460 Y	AC
MARATHON	FVK 56T34F5322E P	0.75	3450	208-230/460	AC
BALDOR	VM3534 34A63-884	0.33	1725	230/460	AC
MARATHON	56H17T2018 A	0.5	1725	230/460	AC
INGERSOLL-RAND	54735576	30	1770	230/460	AC
BALDOR	CDPWD3445	1	1750	90	DC
BALDOR	P0201	0.75	1750	90	DC

NORD	90S/4 CUS	1.5	1660	230/460	AC
LIMITORQUE	MX 10-1		1700	460	AC
BALDOR	184TC	5	3600	460	AC
LEESON	C6T34WC13C	1.5	3450	460	AC
MARATHON	WVJ145TTDR5326AA L	1.5	1735	208-230/460	AC
SEW-EURODRIVE	DRE100LC4CDH	5	1750	230/460	AC
BALDOR	10G414X209G2	25	1770	230/460	AC
BALDOR	10G414X209G2	25	1770	230/460	AC
BALDOR	VM8007T	5	1725	208-230/460	AC
LEESON	JVH286TTDP864CABL	30	1760	230/460	AC
BALDOR	VM8007T	5	1725	208-230/480	AC
GE	5KE213BC105B	7.5	3520	230/460	AC
MARATHON	FWK215TTFW7094ACL	5	1155	230/460	AC
EMERSON	E194B	5	1745	208-230/460	AC
US MOTORS		250	885	4160	AC
LEESON	C184T17DB39A	5	1760	208-230/480	AC
GE	5KE48WN8427B; CAT #K2042	3	3450	230/460	AC
U.S. MOTORS	H17400	1	1735	208-230/460	AC
BALDOR	BY854064	1	1725	208-230/460	AC
LEESON	C6T34FC6F	1	3450	208-230/460	AC
DAYTON	3KW97G	2	1735	208-230/460	AC
BROOK CROMPTON	PC4N030-2	30	1770	208-230/460	AC
BALDOR	CDPWD3440	0.75	1750	90	DC
BALDOR		1	1750	90	DC
FRANKLIN ELECTRIC	2366198125	60	3450	460	AC
FLYGHT	MT435	5	1745	460	AC
FLYGHT	MT435	5	1745	460	AC
LIMITORQUE	MX-20		1700	460	AC
MEYERS	CAT. NO. CNC-250-43SW	20		460	AC
SEW-EURODRIVE	DF36BDV112M4-KS	5.4	429- 2137	230/460	AC
SEW-EURODRIVE	DF36BDV112M4-KS SEVERE DUTY	5.4	429- 2137	230/460	AC
RELIANCE	XT IP54	1	1725	208-230/460	AC
BALDOR	M33A 95120517-001	15	1765	460	AC
BALDOR	M33A 95120517-002	15	1765	460	AC
BALDOR	VECP3584T	1.5	1740	208-230/460	AC
LEESON	C6T34WC12A	1.5	3450	460	AC
BALDOR	CAT. NO: M3555T	2	3450	208-230/460	AC
DOERR	LR22132	1	1725	230/460	AC
LIMITORQUE		0.2	1700	230/460	AC
INGERSOLL-RAND	54735576	30	1770	230/460	AC
LIMITORQUE	F-MBO-V00-03P1	0.2	1730	230/460	AC
LIMITORQUE	B-M40-VJ9-039604610	0.5	1700	230/460	AC

MARATHON	HVB145TTDR563ODD P	1.5	1750	208-230/460	AC
SEW-EURODRIVE	DFT 90SH-KS	1.5	1740	230/460	AC
WEG	005180T3E184T	5	1755	208-230/460	AC
WEG	00512ET3E215JM-W22	5	1160	230/460	AC
HYUNDAI	PLP286SR235B	30	1775	230/460	AC
SEW-EURODRIVE	DRE100L4/FG/DH	3	1735	230/460	AC
GENERAL ELECTRIC	5K6318XC407A	200	880	460	AC