COUNTY OF ERIE
DIVISION OF PURCHASE
MEMORANDUM

TO: ALL USING DEPARTMENTS

FROM: Tricia Pierce, Buyer

DATE: May 19, 2016

SUBJECT: 215171-004 – Electric Motor Repair Contract Extended

Please be advised that the contract for Electric Motor Repair Service has been extended. The contract vendor is Volland Electric. The new contract term is June 1, 2015 through May 31, 2017. For your convenience the information is listed below.

BID NO.: 215171-004

VENDOR: Vendor #108550
VOLLAND ELECTRIC
75 Innsbruck Drive
Buffalo, NY 14227

TELEPHONE: 656-9900

FAX: 809-1095

SALES REP: Jim Riley – Cell #818-7677

MATERIAL GROUP: 929

PURCHASING GROUP: 004

Tmp

SPECIFICATIONS

1. Electric Motor Repair Service for various Erie County departments for the period of June 1, 2015 through May 31, 2016, with the option to renew for two additional one-year periods.

2. Bidder must have experience, equipment, personnel and inventory necessary to service/repair motors of various sizes from fractional to 500 HP range, including UL Certified explosion proof repairs.

3. Bidder must have been in the electric motor repair business for at least the last five consecutive years. References of at least three organizations for who such service has been provided during the last five years must be included. Such reference must be of similar size and scope as that of Erie County.

   Reference must include:
   1) Company name
   2) Phone number
   3) Contact person

   The county reserves the right to exclude any bidder who in the opinion of the county or any of its divisions, has not performed up to the expectation of prior contracts or work performance.

4. Vendor must **pick up and return motors.** There is to be no additional charge for pick up and return of motors.

5. All repairs must be completed within 10 work days of receipt of item by vendor. If unusual circumstances are encountered that make it impossible for repair to be completed within the 10 work days, the vendor must notify the end user immediately.

6. All repairs will be guaranteed for a minimum of one year. Vendor will be required to repair or replace all defects in materials or workmanship which may be discovered during the warranty period. There will be no charge for this work.

7. All parts and materials used in repair shall be new and unused. Remanufactured items may be acceptable in some cases, but only with the prior approval of the end user.

8. The County does not guarantee any specific number of motors that will require repair service. All repairs will be on an "as needed" basis during the award period.

9. Upon receipt of motor for repair, the vendor will tear it down **for evaluation. Vendor shall then provide the County Departmentof origin with a final job quote for repairs, including all costs for parts, materials and labor. Quote must be consistent with all job costs as quoted on bid pricing pages. Quote must be broken down into labor, parts, materials, and include a detailed scope of work to be performed. Quote to be faxed promptly to County Department of origin. Repairs will not be performed without the prior approval of the County Department of origin.**

   Vendors may charge a fee for the evaluation "only" of a motor that the county chooses NOT to repair. If the county approves the repair of a motor, this cost is included in the repair charges.

SPECIFICATIONS (CONTD.)

10. The decision to proceed with repair will be made by the end user based on the job quote given by the repair shop. **Work is not to proceed without authorization from County Department**.

11. If, in the process of completing repairs, it is determined that the job will exceed the quote given, **the vendor must so inform the end user before continuing work.** Provide a supplemental quote for the additional work, including all parts, materials, and labor required to complete the repair. **Vendor is to include a brief narrative to explain the need for the additional work with the supplemental quote.**

12. The County department must give approval for such work to continue. If work is not to continue, the motor should be returned to the County department of origin.

13. The vendor must provide a service report on all repairs. Such report must clearly indicate a detailed list of all problems found, repairs made, parts replaced and number of labor hours. "The service report shall also include the megger reading and current draws before and at the time of completed repairs."

14. **Vendor invoice must show detail of all charges**. All parts and materials billed must be detailed. Invoice must list all parts and materials used and give a unit and extended price for each item. The number of hours for labor, rate per hour and total labor charge must also be separately detailed on the invoice.

15. **The labor rate per hour charged will not exceed the rate quoted on this bid. Any invoice submitted tha does not show breakdown of labor and materials or, that exceeds the labor rate per hour quoted in this bid, will not be paid.**

16. Total charges must not exceed the cost of work as quoted in this bid.

17. The job costs quoted in this bid must remain firm for the entire award period.

18. All repairs to be completed in accordance with applicable industry codes and standards. Vendor must include wiring labels for motor leads.

19. All explosion proof motors must be repaired by a UL Certified repair facility. **Certification must be supplied with bid response**. Such motors presented for repair must be certified for use in explosive environment. **Vendor must comply with all codes, standards, and laws regarding repair of such equipment and provide certification for each explosion proof motor repair.**

20. The County has many different manufactured brands of motors. Any County-owned motor may be Presented for repair whenever needed during the award period.

    Vendor must include a list of any manufacturer brands that they are unable to repair.

PRICING

Vendor must quote price for all jobs listed on pages 2D and 2E. Such price to include labor and parts.

Indicate your labor rate per hour charged for service. Such rate will not be considered for award purpose. It will establish the rate to be charged for any work over and above the work included in this bid that may be required by County Department.

Award will be based on total of prices quoted for all items on pages 2D and 2E.

Labor rate $ 44.50

Evaluation Charge $ No evaluation fees
For Motors Erie County chooses not to repair.

TOTAL PAGE 2D $ 132,391.00

TOTAL PAGE 2E $ 10,460.00

TOTAL $ 142,851.00

The following information must be also completed by bidder:

Indicate the number of years your company has been in business servicing and repairing motors: 72 Years

Has your company been in this business for at least the last five consecutive years? (Indicate yes or no) Yes

List your company's UL Certification Number. Include copy of certification. This requirement will not be waived. PTKQ.E74546

Include references and list of test/shop equipment you have in house to carry out this service. Enclosed

NAME OF BIDDER Volland Electric Equipment Corp

SIGNATURE [illegible] DATE 5/18/15

JOB COST QUOTE FOR MOTOR STATOR REWINDS
3 Phase 60Hertz

		3600 RPM		1800 RPM		1200 RPM		900 RPM	
HP	Motor Type	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC
10	T Frame	150	180	230	275	180	215	140	170
	U/HI/Metric	170	210	265	315	205	240	165	205
15	T Frame	180	220	275	330	210	260	170	205
	U/HI/Metric	210	250	315	385	240	300	195	230
20	T Frame	210	250	315	395	240	290	195	235
	U/HI/Metric	240	290	370	440	280	335	225	265
25	T Frame	240	290	360	435	265	320	220	265
	U/HI/Metric	275	335	425	495	315	380	250	300
30	T Frame	280	335	415	495	315	370	250	300
	U/HI/Metric	320	385	480	575	356	435	235	345
40	T Frame	335	410	495	600	370	450	300	355
	U/HI/Metric	395	475	575	685	425	510	335	410
50	T Frame	410	490	585	700	450	455	335	410
	U/HI/Metric	465	560	680	805	520	625	385	465
60	T Frame	465	560	670	805	520	625	385	465
	U/HI/Metric	535	645	775	860	590	720	450	535
75	T Frame	545	655	790	950	605	725	455	550
	U/HI/Metric	630	760	910	1090	695	835	530	630
100	T Frame	670	805	955	1150	760	910	550	660
	U/HI/Metric	775	930	1100	1330	870	1050	630	760
125	T Frame	790	950	1130	1360	875	1060	645	775
	U/HI/Metric	915	1100	1305	1565	1010	1215	740	890
150	T Frame	925	1105	1310	1580	1020	1225	740	890
	U/HI/Metric	1060	1270	1510	1820	1180	1405	855	1025
200	T Frame	1170	1400	1630	1955	1255	1500	885	1060
	U/HI/Metric	1345	1615	1865	2245	2000	1730	1020	1215
		$13,705	$16,475	$19,735	$23,640	$15,751	$18,185	$11,285	$13,615

TYPES OF MOTORS
T Frame
Nema T Frames (143T-449T)
U/HI/Metric
Nema U Frames (182U-505U)
High Efficiency of Inverter Duty
Metric Frames
IEEE 841 Severe Duty

STATOR REWINDS INCLUDE:
Dismantle, Test, Strip Clean
Make and Insert Insulation and Coils
Connect, Dip and Bake
Assemble, Test and Paint
One Year Warranty

PAGE TOTAL: $132,391

NAME OF BIDDER: VOLLAND ELECTRIC EQUIPMENT CORP

JOB COST QUOTES FOR MOTOR REPAIRS PRICED BY FRAME SIZE

Nema T Frames	143/5T	182/4T	213/5T	254/6T	324/6T	364/5T	404/5T	444/5T	447/9T	
Nema U Frames		182/4U	213/5U	254/6U	324/6U	364/5U	404/5U	444/5U		504/5U
Furnish Install 2 Standard Ball Bearings	30	35	40	50	95	120	165	210	265	315
Recondition ODP Motor	60	70	80	95	150	195	240	290	350	405
Recondition TEFC/Special Motor	70	80	85	115	185	220	280	340	400	475
Dismantle & Reassemble Only	40	50	60	70	115	140	175	210	255	300
Dynamic Balance Rotor	50	50	60	60	80	80	85	85	115	115
Metallize 1 Shaft or Housing Unit	40	40	50	50	70	70	95	95	110	110
Bore & Bush End Bracket	50	50	70	70	95	95	110	110	130	130
Furnish & Install 9 New Leads	50	50	60	60	110	110	150	150	185	190
	$390	$425	$505	$570	$900	$1,030	$1,300	$1,490	$1,810	$2,040

List Job Tasks For Motor Recondition

ODP Motor

1) Disassemble Motor
2) Test Stator & Rotor
3) Perform Mechanical Inspection
4) Steam Clean & Oven Dry Parts
5) Dip & Bake Stator
6) Balance Rotor
7) Assemble Motor
8) Test Run & Perform Vibration Analysis
9) Paint Motor

TEFC/Special Motor

1) Disassemble Motor
2) Test Stator & Rotor
3) Perform Mechanical Inspection
4) Steam Clean & Oven Dry Parts
5) Dip & Bake Stator
6) Balance Rotor & Fan
7) Assemble Motor
8) Test Run & Perform Vibration Analysis
9) Paint Motor

PAGE TOTAL: $10,460

NAME OF BIDDER: VOLLAND ELECTRIC EQUIPMENT CORP